

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077728.D
 Acq On : 17 May 2023 20:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 18 01:41:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2023
 Supervised By : Mahesh Dadoda 05/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	408850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	739381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	665517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	301961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	299995	49.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	8.171	113	249351	51.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.440%		
50) Toluene-d8	10.571	98	983788	53.012	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.020%		
62) 4-Bromofluorobenzene	12.859	95	339120	51.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	213087	45.796	ug/l	97
3) Chloromethane	2.365	50	217486	43.865	ug/l	99
4) Vinyl Chloride	2.518	62	262546	44.754	ug/l	96
5) Bromomethane	2.959	94	183526	42.299	ug/l	98
6) Chloroethane	3.124	64	186209	44.044	ug/l	97
7) Trichlorofluoromethane	3.506	101	382691	46.809	ug/l	98
8) Diethyl Ether	3.965	74	136802	45.835	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	209124	46.221	ug/l	98
10) Methyl Iodide	4.595	142	287190	53.225	ug/l	98
11) Tert butyl alcohol	5.530	59	160056	189.580	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	200278	46.574	ug/l	89
13) Acrolein	4.189	56	119624	224.866	ug/l	95
14) Allyl chloride	5.030	41	263717	41.746	ug/l	92
15) Acrylonitrile	5.724	53	492602	218.395	ug/l	99
16) Acetone	4.430	43	378185	196.498	ug/l	96
17) Carbon Disulfide	4.718	76	474632	40.964	ug/l	100
18) Methyl Acetate	5.036	43	352931	43.711	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	710855	45.670	ug/l	98
20) Methylene Chloride	5.283	84	238357	47.482	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	223451	46.259	ug/l #	83
22) Diisopropyl ether	6.677	45	677603	45.762	ug/l	92
23) Vinyl Acetate	6.612	43	1991834	217.114	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	427380	47.113	ug/l	97
25) 2-Butanone	7.488	43	628254	208.674	ug/l	88
26) 2,2-Dichloropropane	7.500	77	324991	42.169	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	270646	46.729	ug/l	91
28) Bromochloromethane	7.818	49	185001	47.155	ug/l	90
29) Tetrahydrofuran	7.841	42	410696	208.329	ug/l	85
30) Chloroform	7.971	83	469305	47.029	ug/l	92
31) Cyclohexane	8.265	56	369356	44.423	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	410484	48.383	ug/l	95
36) 1,1-Dichloropropene	8.377	75	337536	47.863	ug/l	97
37) Ethyl Acetate	7.565	43	261603	41.620	ug/l	95
38) Carbon Tetrachloride	8.371	117	364241	51.149	ug/l	98
39) Methylcyclohexane	9.606	83	410500	47.547	ug/l	93
40) Benzene	8.612	78	1002478	48.172	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	149284	44.597	ug/l	91
42) 1,2-Dichloroethane	8.677	62	357825	47.334	ug/l	96
43) Isopropyl Acetate	8.694	43	466042	45.393	ug/l	95
44) Trichloroethene	9.359	130	263162	49.942	ug/l	99
45) 1,2-Dichloropropane	9.630	63	259651	48.915	ug/l	95
46) Dibromomethane	9.712	93	181775	47.856	ug/l	96
47) Bromodichloromethane	9.894	83	363573	49.997	ug/l	96
48) Methyl methacrylate	9.688	41	221648	45.534	ug/l	89
49) 1,4-Dioxane	9.700	88	80524	875.852	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1387552	227.366	ug/l	94
52) Toluene	10.635	92	649958	50.168	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	376846	48.936	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	404715	47.691	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	255925	49.751	ug/l	96
56) Ethyl methacrylate	10.882	69	371207	47.726	ug/l	90
57) 1,3-Dichloropropane	11.171	76	428857	48.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	930487	243.174	ug/l	93
59) 2-Hexanone	11.200	43	991227	219.592	ug/l	92
60) Dibromochloromethane	11.365	129	273730	51.545	ug/l	99
61) 1,2-Dibromoethane	11.476	107	259492	50.565	ug/l	97
64) Tetrachloroethene	11.112	164	252622	54.279	ug/l	97
65) Chlorobenzene	11.900	112	699830	48.506	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	252814	50.642	ug/l	97
67) Ethyl Benzene	11.971	91	1260788	48.764	ug/l	100
68) m/p-Xylenes	12.076	106	979581	99.991	ug/l	99
69) o-Xylene	12.406	106	482268	50.056	ug/l	98
70) Styrene	12.418	104	786410	51.382	ug/l	99
71) Bromoform	12.588	173	173637	52.286	ug/l #	100
73) Isopropylbenzene	12.700	105	1248295	47.958	ug/l	99
74) N-amyl acetate	12.500	43	399345	41.507	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	346159	43.229	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	252914m	33.445	ug/l	
77) Bromobenzene	12.988	156	278173	46.830	ug/l	97
78) n-propylbenzene	13.041	91	1438234	46.868	ug/l	100
79) 2-Chlorotoluene	13.135	91	859247	46.924	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1058371	48.379	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	102168	43.186	ug/l	93
82) 4-Chlorotoluene	13.229	91	829270	45.517	ug/l	98
83) tert-Butylbenzene	13.447	119	912590	47.785	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1043953	48.522	ug/l	99
85) sec-Butylbenzene	13.623	105	1294588	47.697	ug/l	100
86) p-Isopropyltoluene	13.735	119	1076329	49.742	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	519324	47.275	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	503668	46.204	ug/l	97
89) n-Butylbenzene	14.065	91	915162	45.983	ug/l	100
90) Hexachloroethane	14.341	117	177105	49.823	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	510270	49.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64829	41.818	ug/l	100
93) 1,2,4-Trichlorobenzene	15.400	180	262444	43.762	ug/l	96
94) Hexachlorobutadiene	15.511	225	112370	45.129	ug/l	98
95) Naphthalene	15.647	128	871814	42.235	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	268768	45.773	ug/l	99

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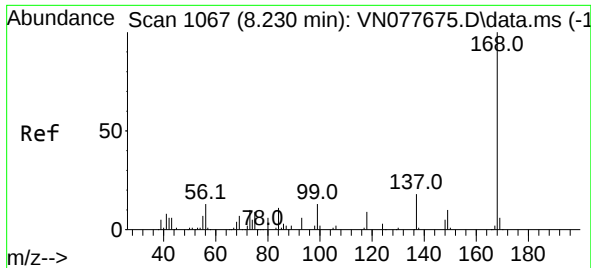
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 01:41:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



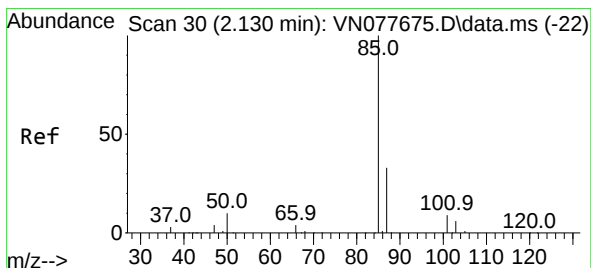
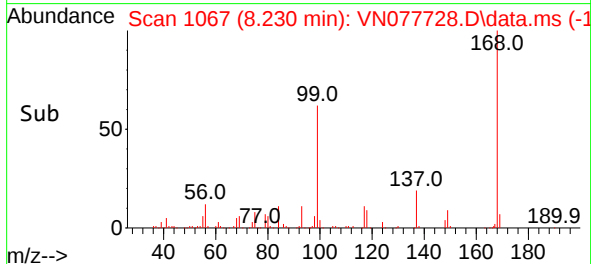
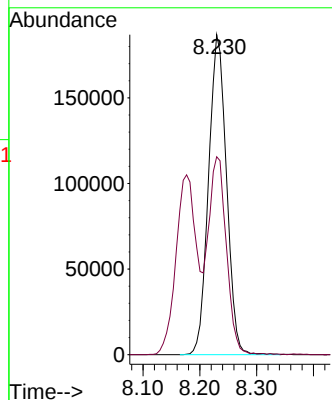
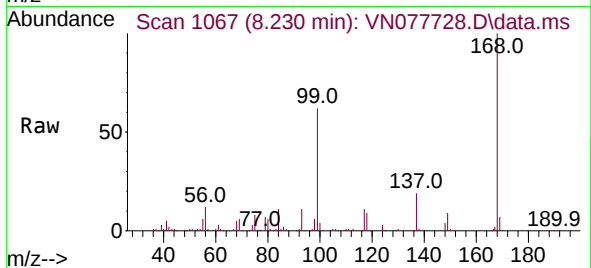
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 408850
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6

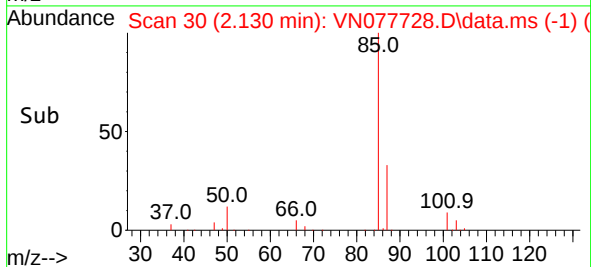
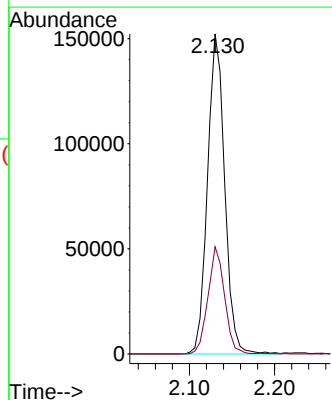
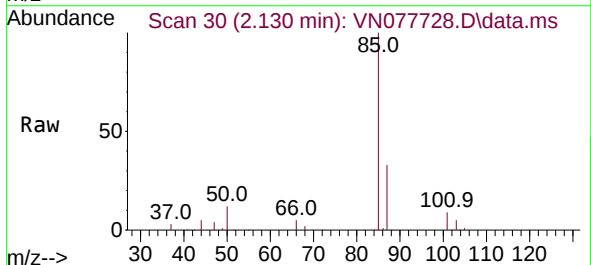
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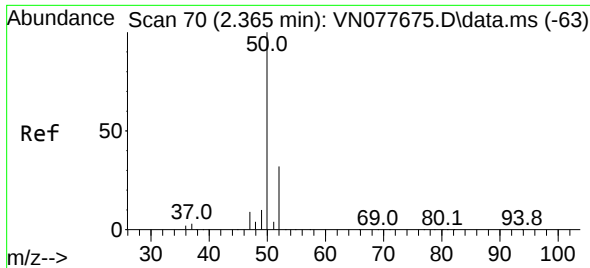
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#2
Dichlorodifluoromethane
Concen: 45.796 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

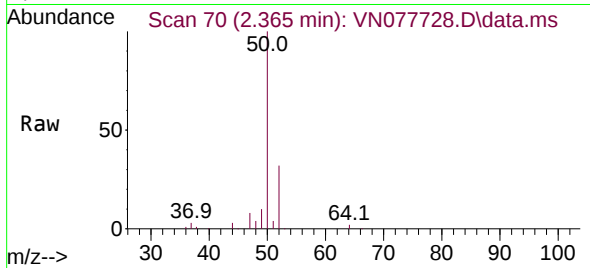
Tgt Ion: 85 Resp: 213087
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





#3
Chloromethane
Concen: 43.865 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

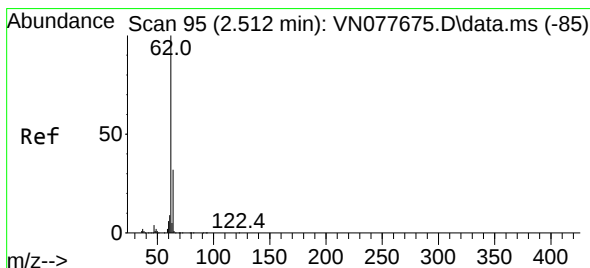
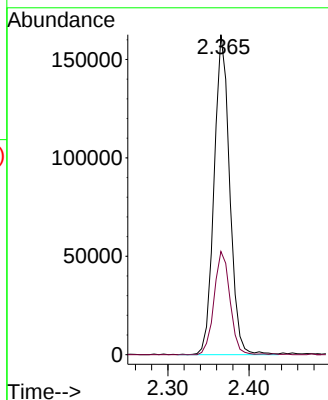
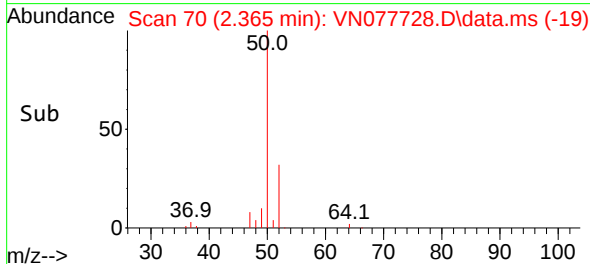
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 217480
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

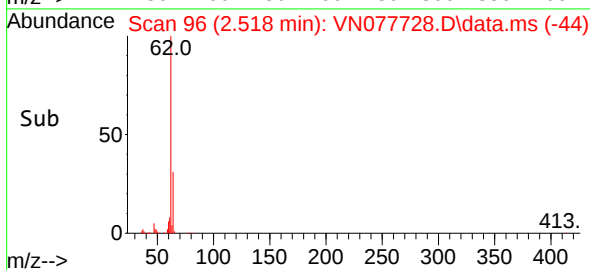
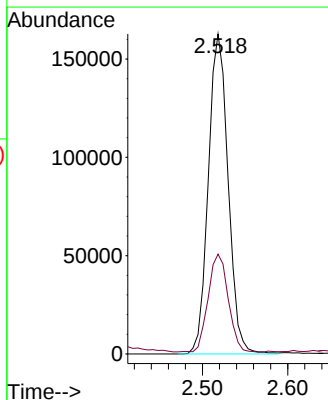
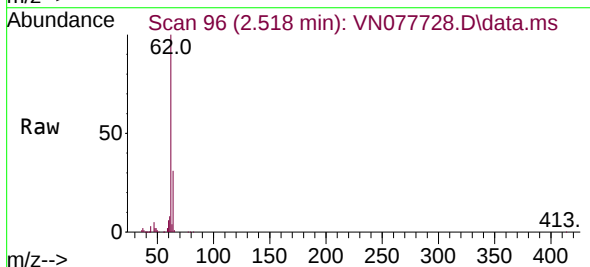
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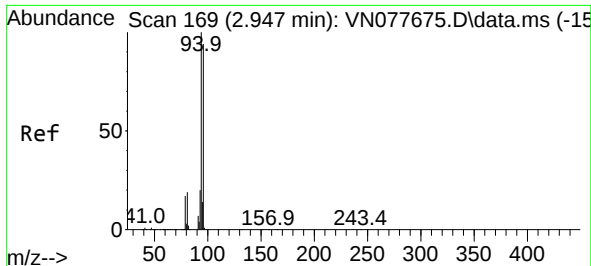
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#4
Vinyl Chloride
Concen: 44.754 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

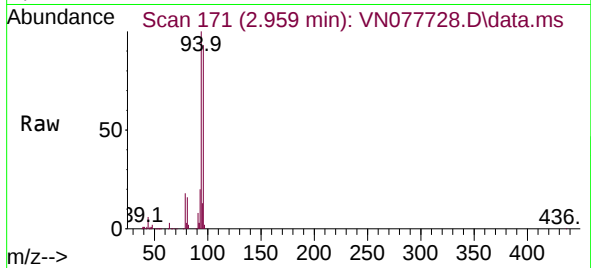
Tgt Ion: 62 Resp: 262546
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2





#5
Bromomethane
Concen: 42.299 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

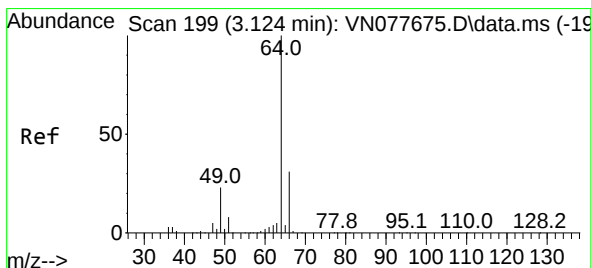
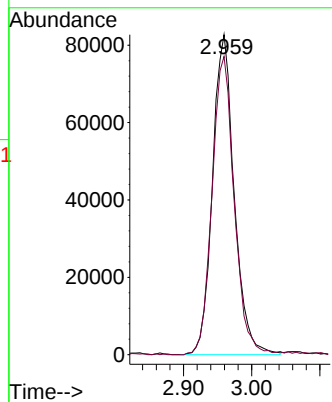
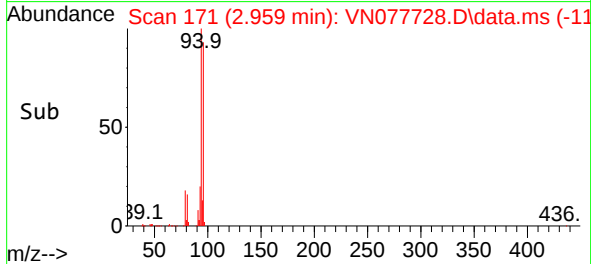
Instrument :
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Tgt Ion: 94 Resp: 183520
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

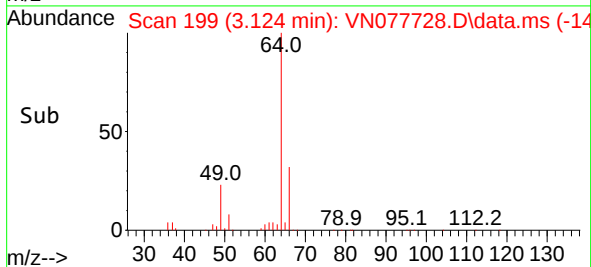
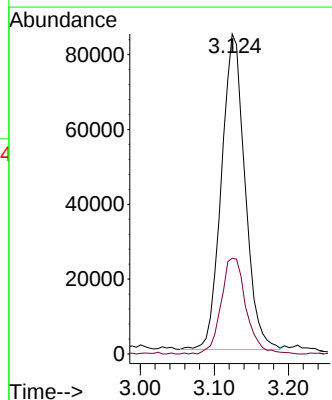
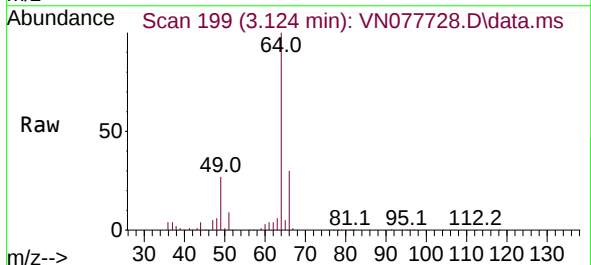
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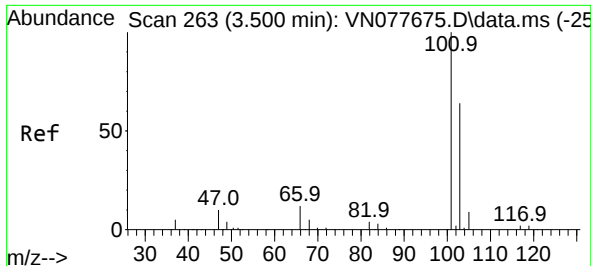
Reviewed By :John Carlone 05/18/2023
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#6
Chloroethane
Concen: 44.044 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion: 64 Resp: 186209
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.2





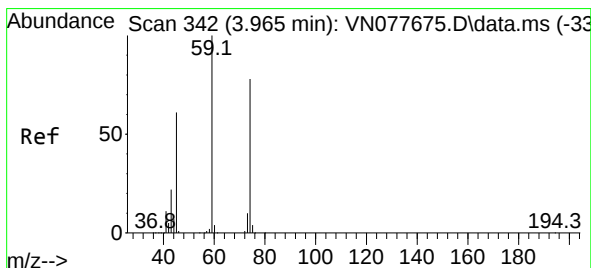
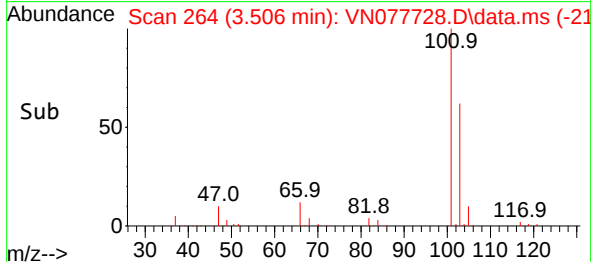
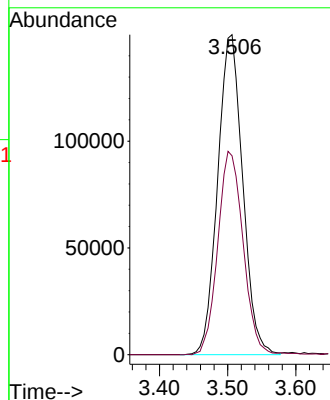
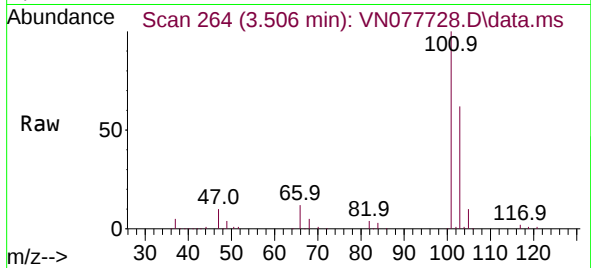
#7
Trichlorofluoromethane
Concen: 46.809 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 38269
Ion Ratio Lower Upper
101 100
103 62.2 50.7 76.1

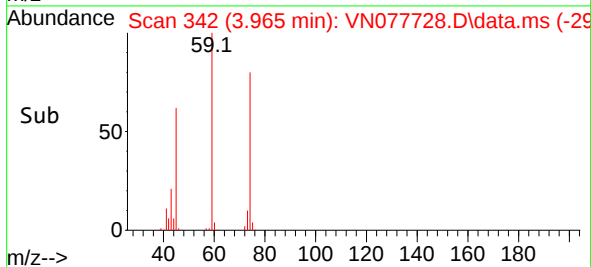
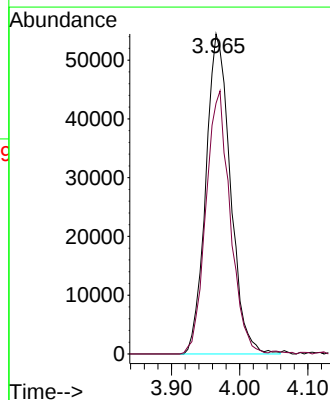
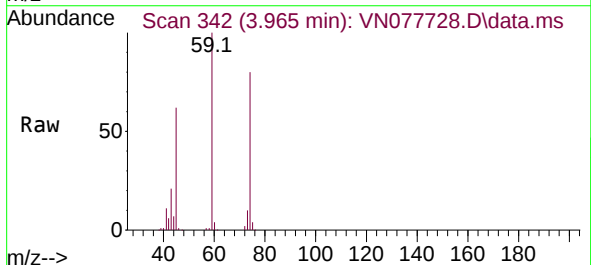
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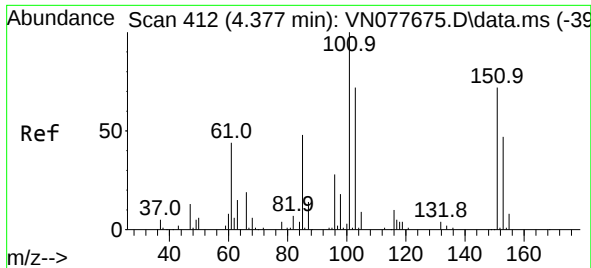
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#8
Diethyl Ether
Concen: 45.835 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion: 74 Resp: 136802
Ion Ratio Lower Upper
74 100
45 81.0 34.4 103.3





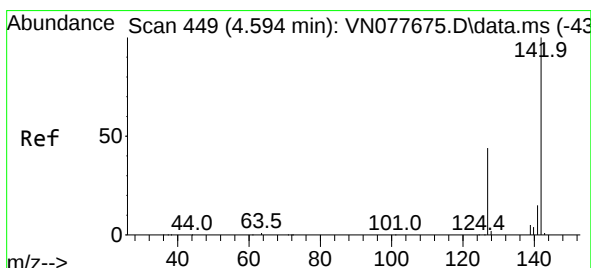
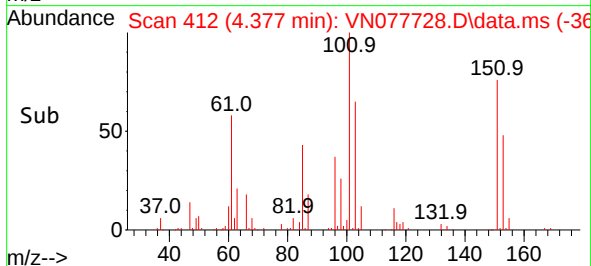
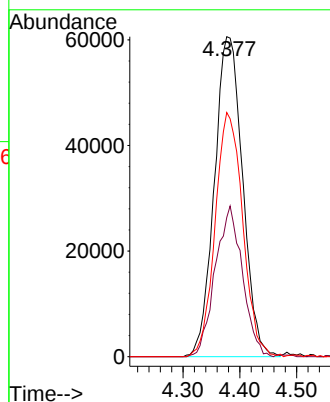
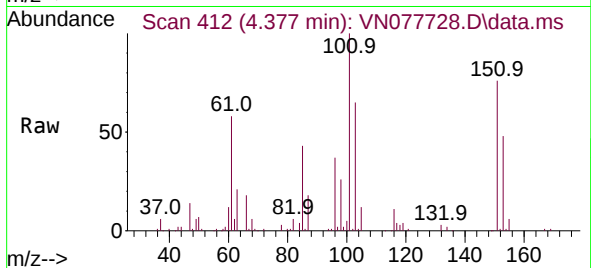
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.221 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 209124
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 74.5 57.6 86.4

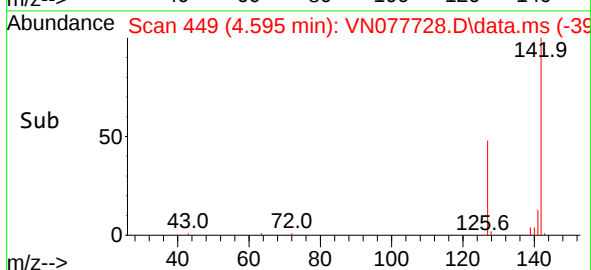
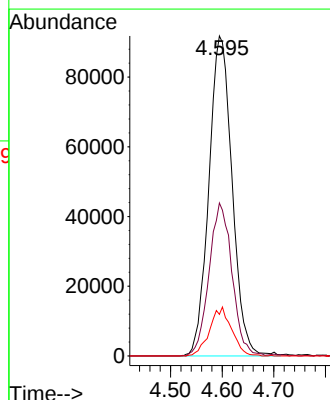
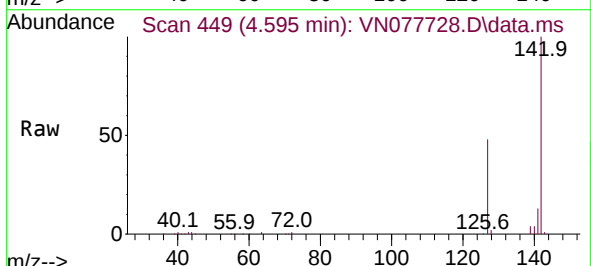
Manual Integrations
APPROVED

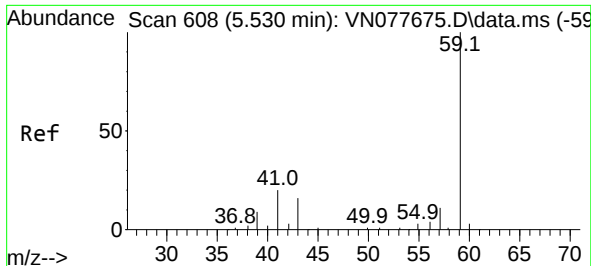
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#10
Methyl Iodide
Concen: 53.225 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

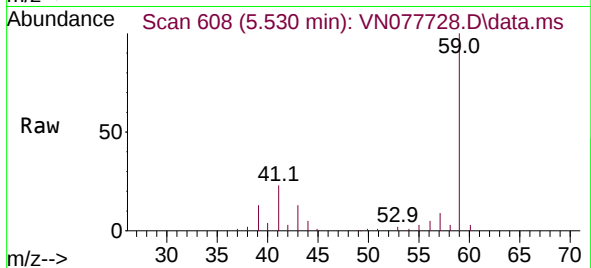
Tgt Ion:142 Resp: 287190
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 13.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 189.580 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

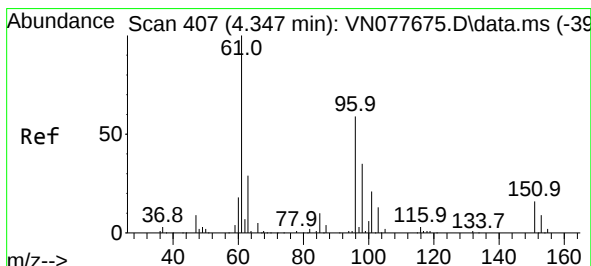
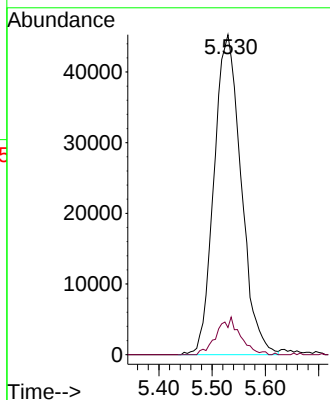
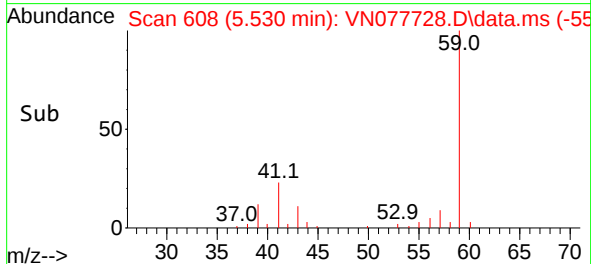
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



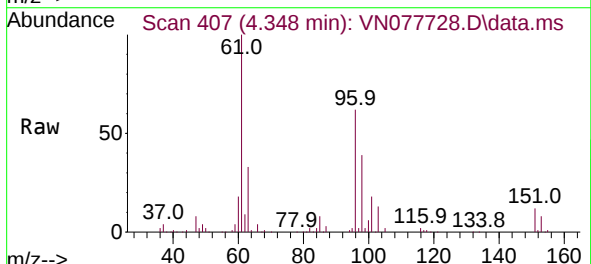
Tgt Ion: 59 Resp: 160050
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.4

Manual Integrations
APPROVED

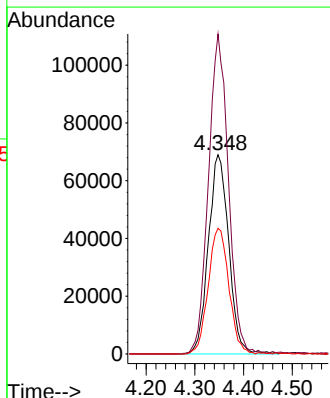
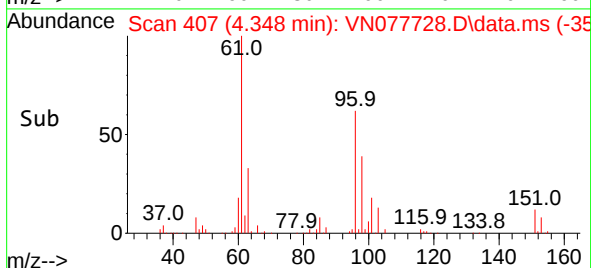
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

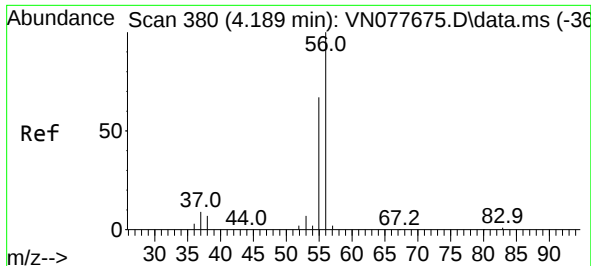


#12
1,1-Dichloroethene
Concen: 46.574 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



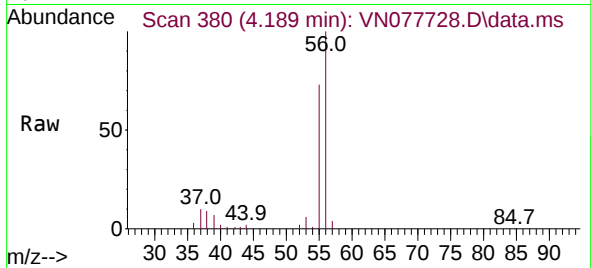
Tgt Ion: 96 Resp: 200278
Ion Ratio Lower Upper
96 100
61 160.6 112.7 169.1
98 63.0 51.2 76.8





#13
Acrolein
Concen: 224.866 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

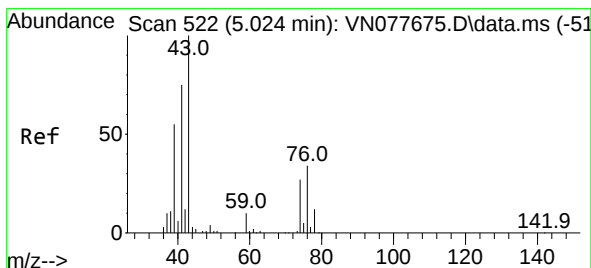
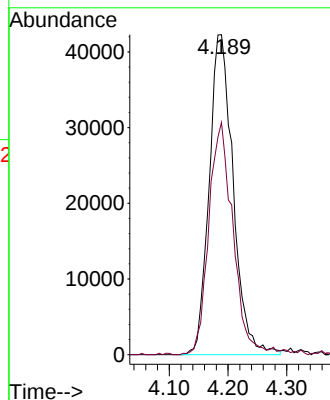
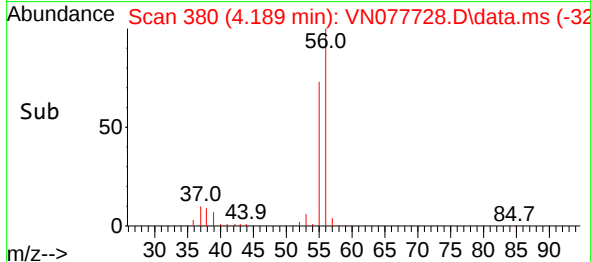
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 119624
Ion Ratio Lower Upper
56 100
55 72.5 54.5 81.7

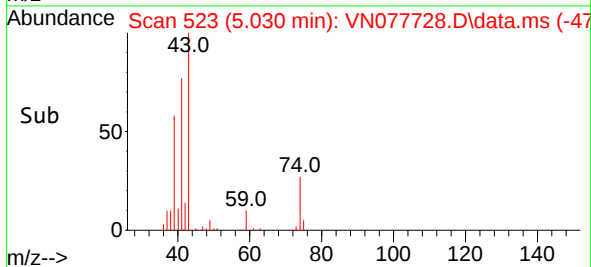
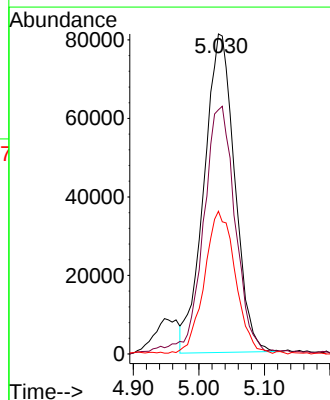
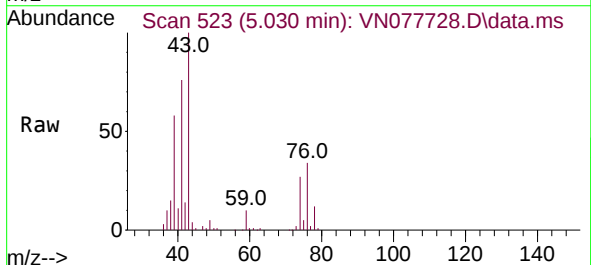
Manual Integrations
APPROVED

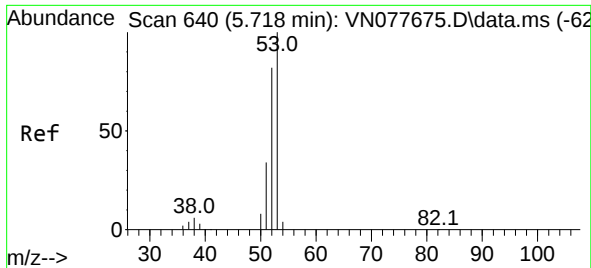
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#14
Allyl chloride
Concen: 41.746 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

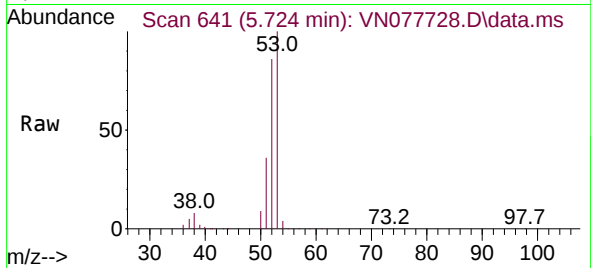
Tgt Ion: 41 Resp: 263717
Ion Ratio Lower Upper
41 100
39 81.5 58.8 88.2
76 44.8 39.1 58.7





#15
Acrylonitrile
Concen: 218.395 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

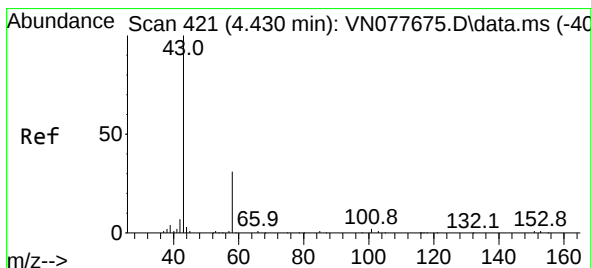
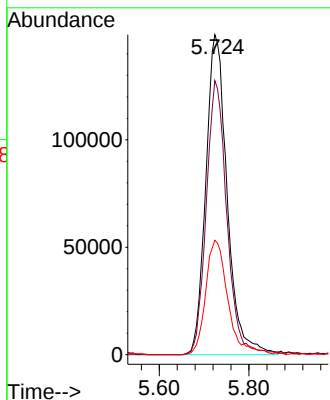
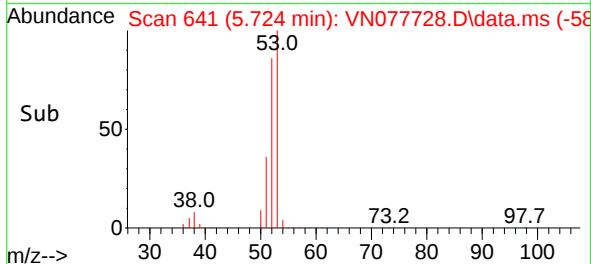
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 492602
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 37.2 28.9 43.3

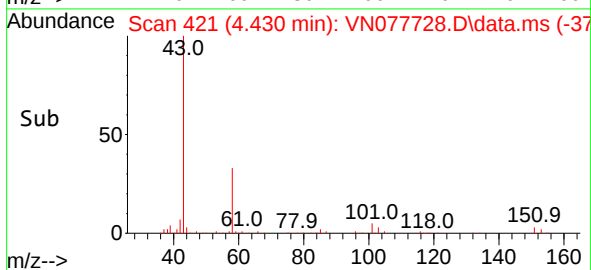
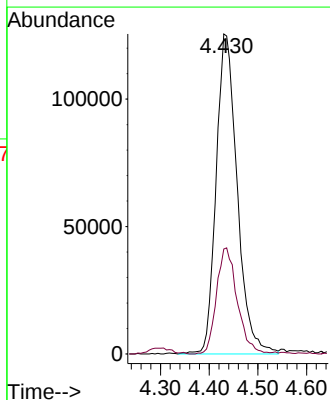
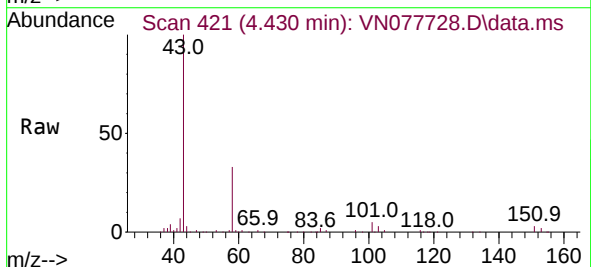
Manual Integrations
APPROVED

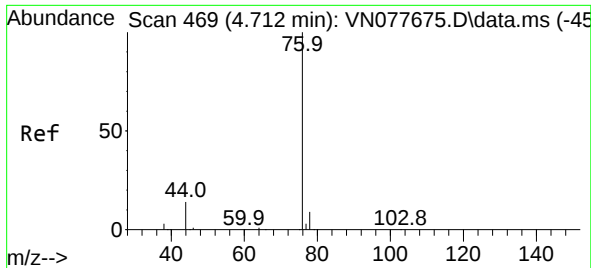
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#16
Acetone
Concen: 196.498 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion: 43 Resp: 378185
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





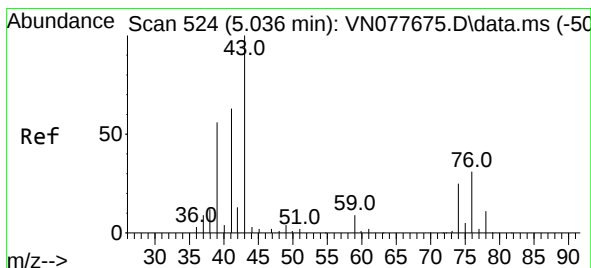
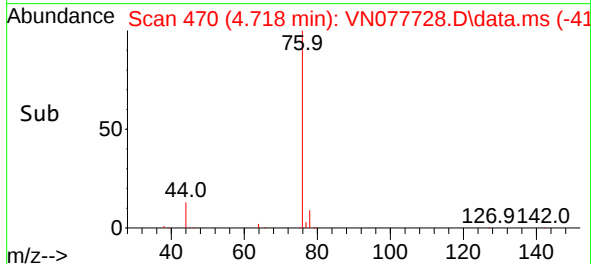
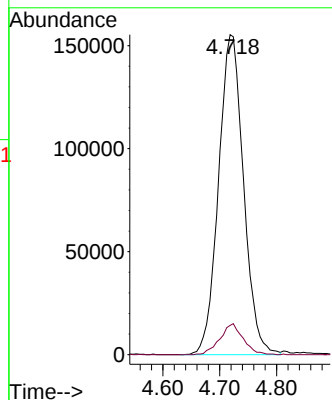
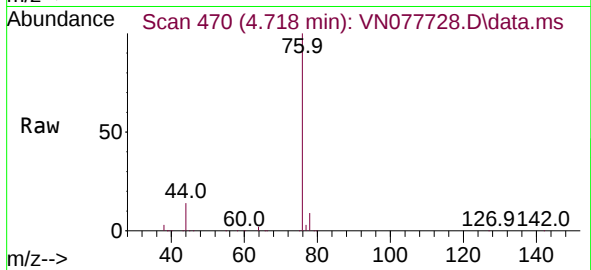
#17
Carbon Disulfide
Concen: 40.964 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 47463
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

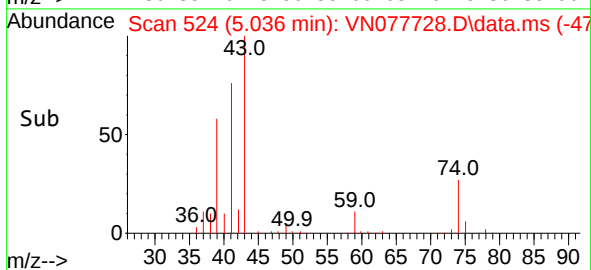
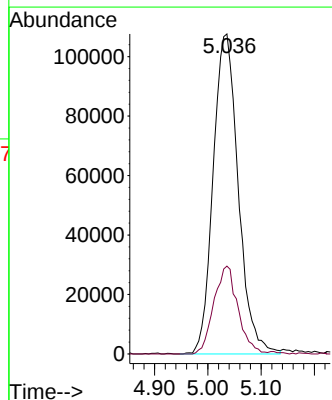
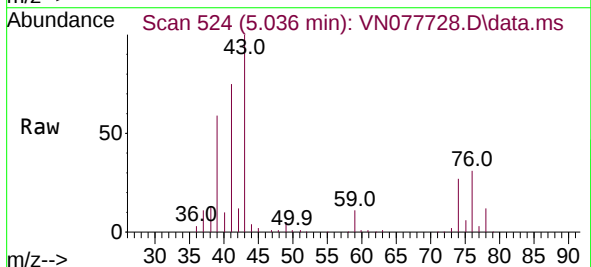
Manual Integrations
APPROVED

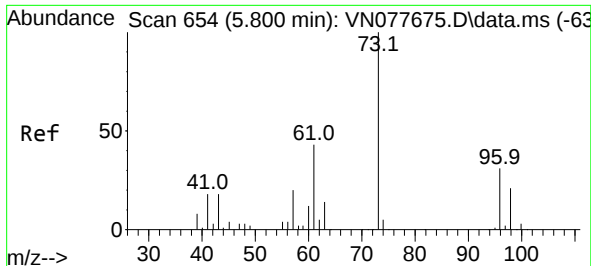
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#18
Methyl Acetate
Concen: 43.711 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

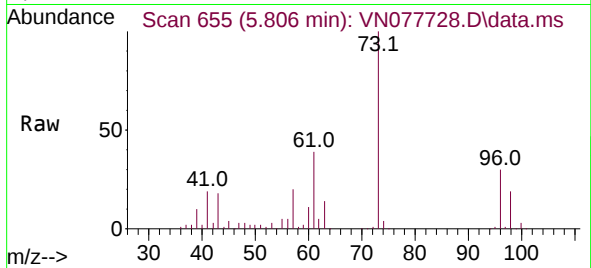
Tgt Ion: 43 Resp: 352931
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 45.670 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

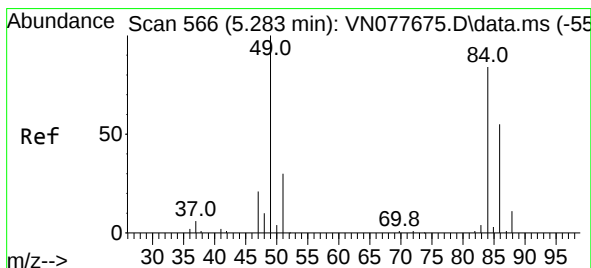
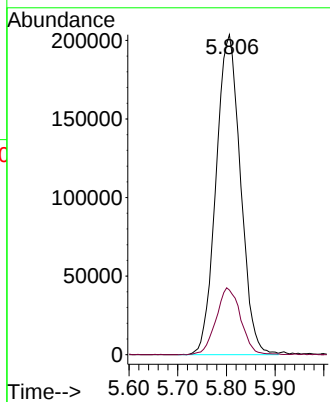
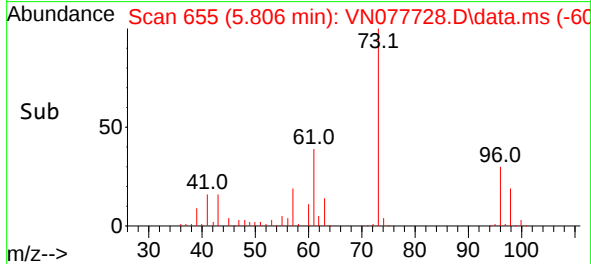
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 71085
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

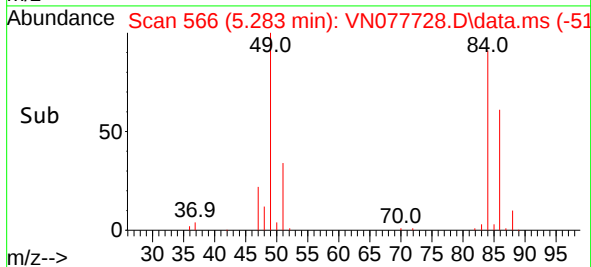
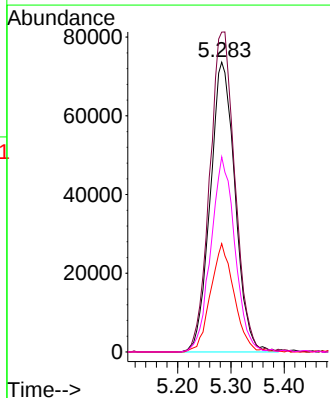
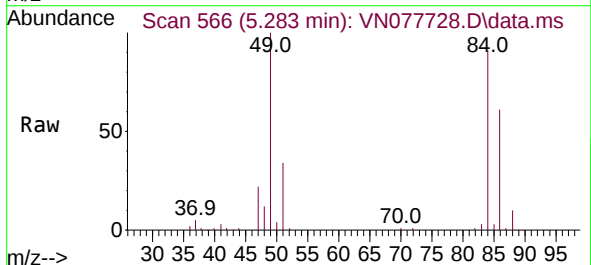
Manual Integrations
APPROVED

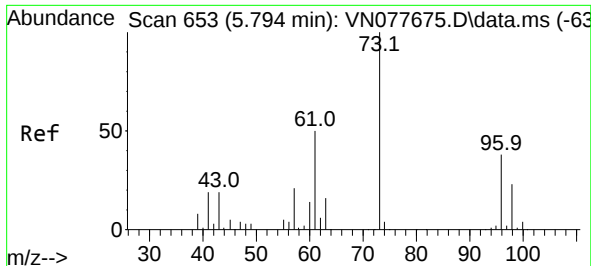
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#20
Methylene Chloride
Concen: 47.482 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

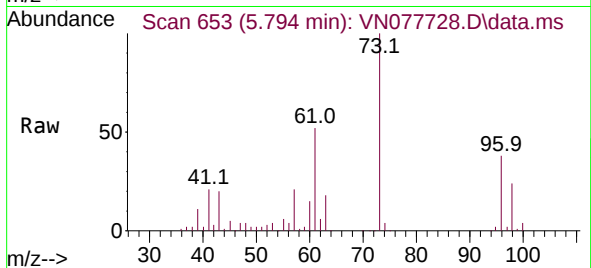
Tgt Ion: 84 Resp: 238357
Ion Ratio Lower Upper
84 100
49 110.4 79.7 119.5
51 37.4 25.2 37.8
86 67.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.259 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

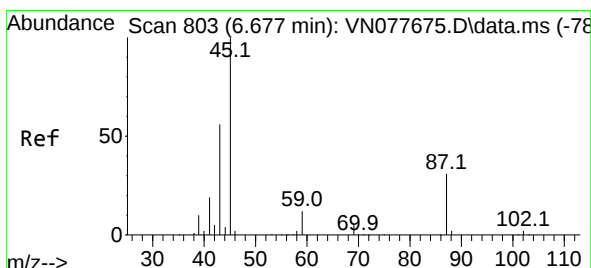
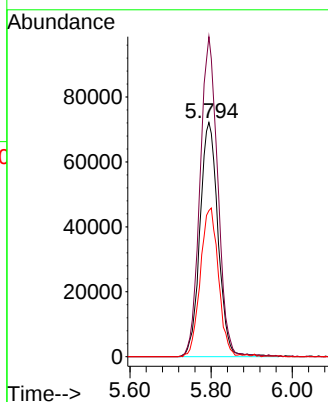
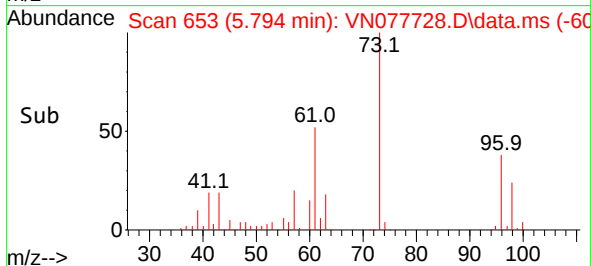
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



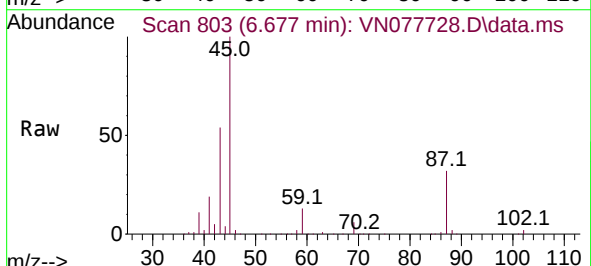
Tgt Ion: 96 Resp: 22345
Ion Ratio Lower Upper
96 100
61 136.6 90.1 135.1
98 62.4 46.4 69.6

Manual Integrations
APPROVED

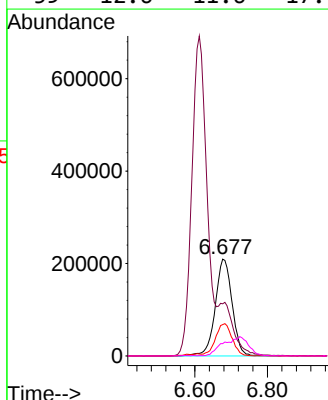
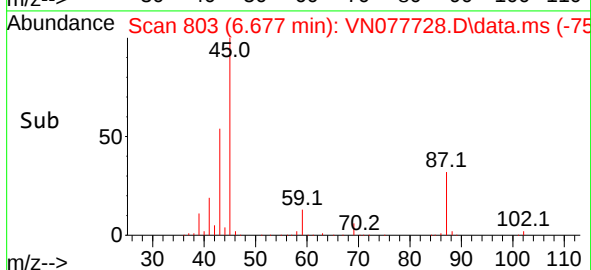
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

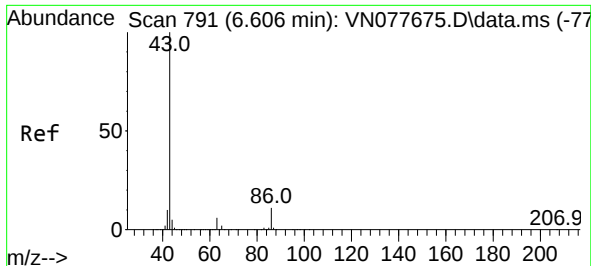


#22
Diisopropyl ether
Concen: 45.762 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



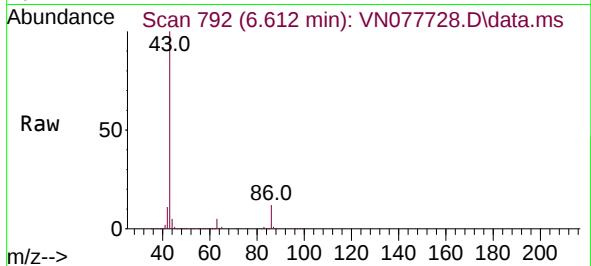
Tgt Ion: 45 Resp: 677603
Ion Ratio Lower Upper
45 100
43 53.1 45.5 68.3
87 32.4 31.8 47.8
59 12.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 217.114 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN077728.D
 Acq: 17 May 2023 20:53

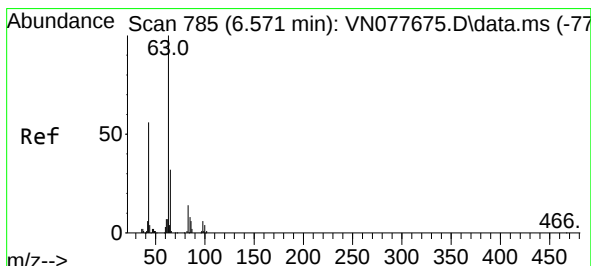
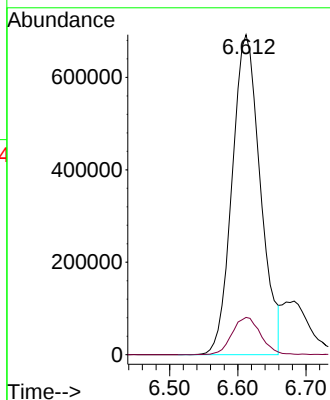
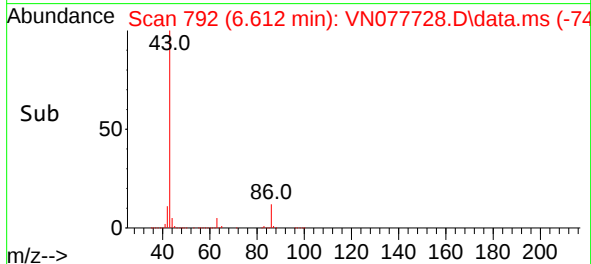
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



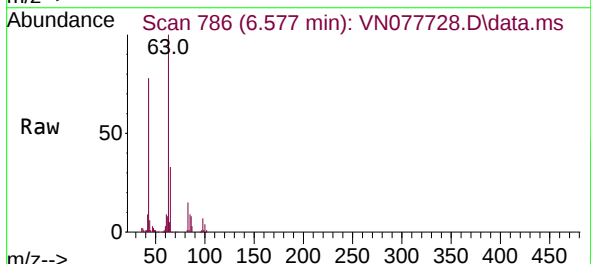
Tgt Ion: 43 Resp: 1991834
 Ion Ratio Lower Upper
 43 100
 86 11.6 13.0 19.6

Manual Integrations
 APPROVED

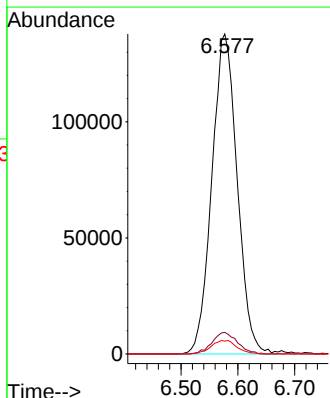
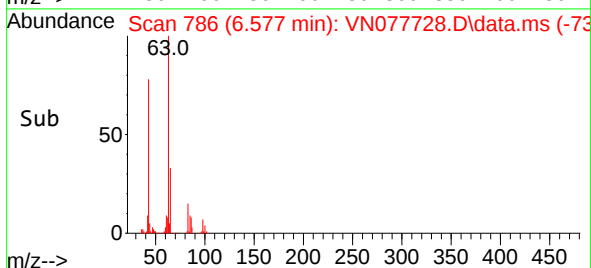
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

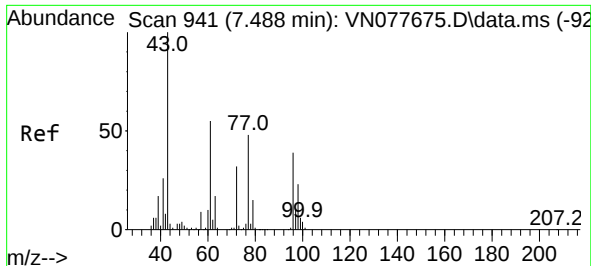


#24
 1,1-Dichloroethane
 Concen: 47.113 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077728.D
 Acq: 17 May 2023 20:53



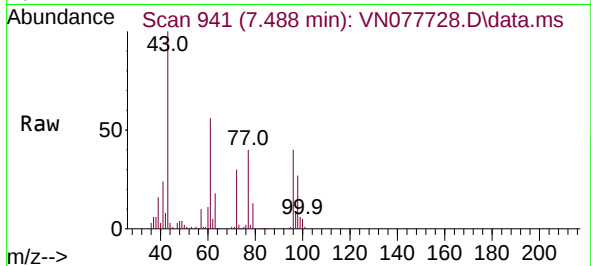
Tgt Ion: 63 Resp: 427380
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 208.674 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

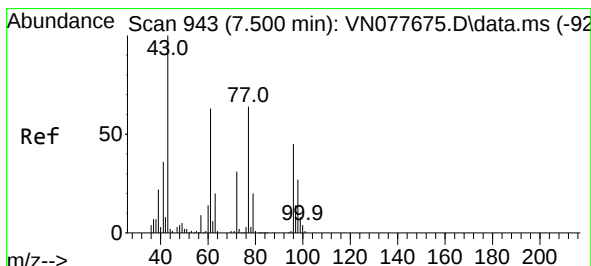
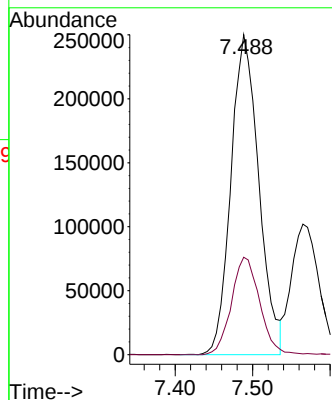
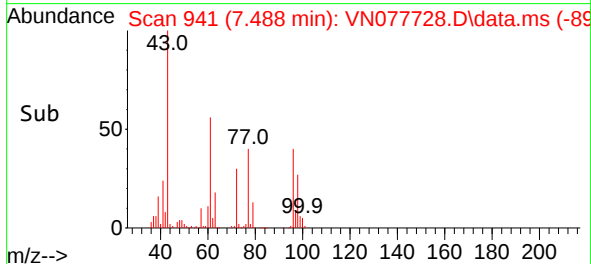
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



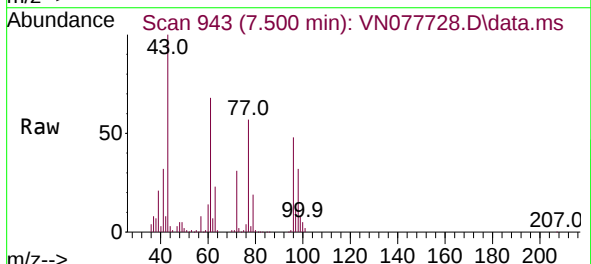
Tgt Ion: 43 Resp: 628254
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

Manual Integrations
APPROVED

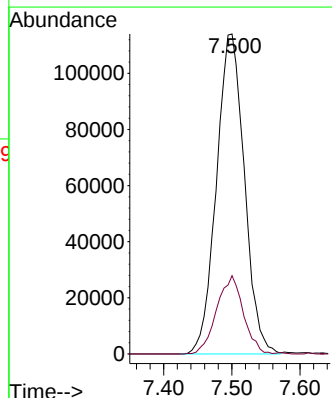
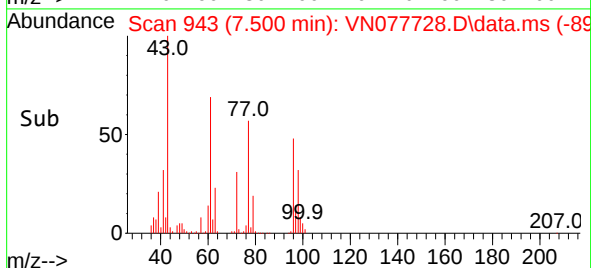
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

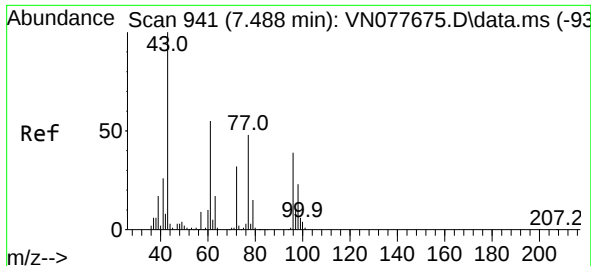


#26
2,2-Dichloropropane
Concen: 42.169 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



Tgt Ion: 77 Resp: 324991
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 46.729 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

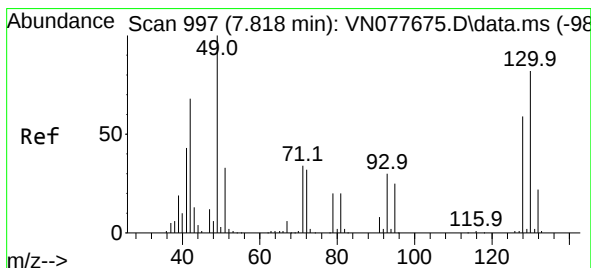
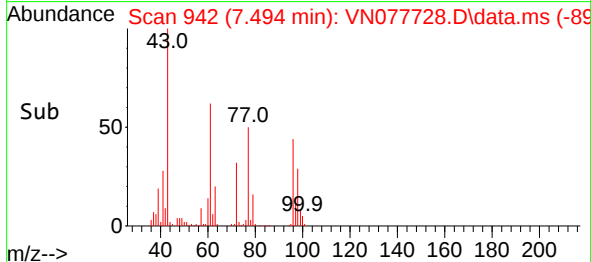
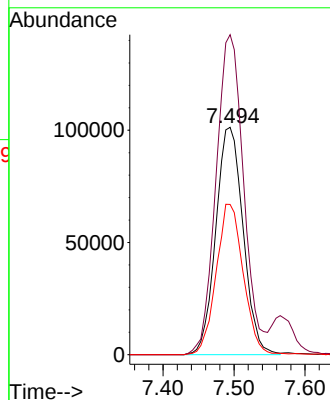
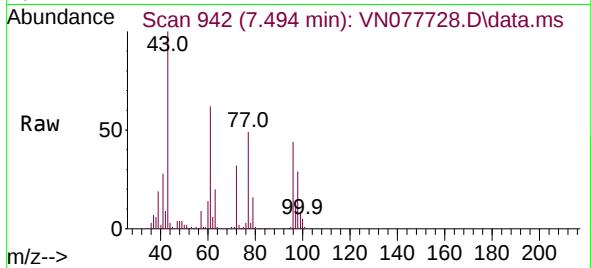
Tgt Ion:	96	Resp:	270640
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	255.2
98	65.6	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#28

Bromochloromethane

Concen: 47.155 ug/l

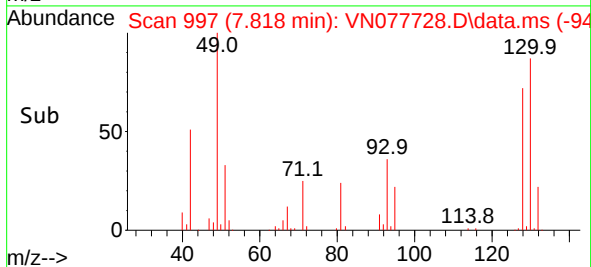
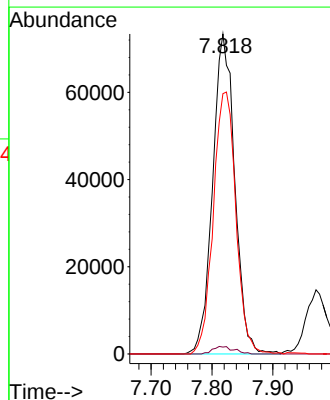
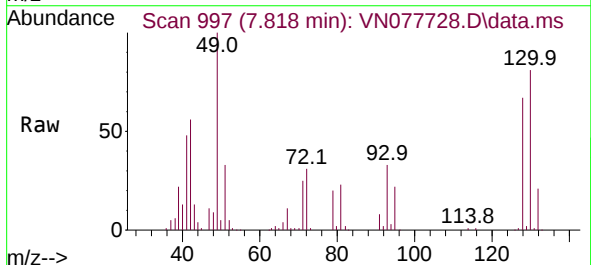
RT: 7.818 min Scan# 997

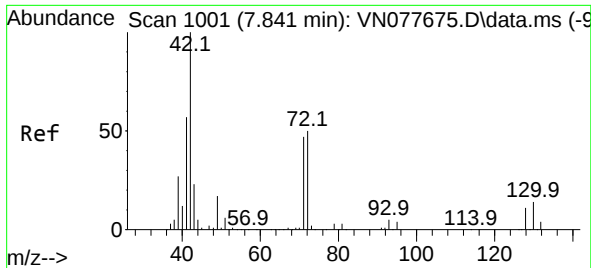
Delta R.T. -0.000 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Tgt Ion:	49	Resp:	185001
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	83.7	75.3	112.9





#29

Tetrahydrofuran

Concen: 208.329 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 410690

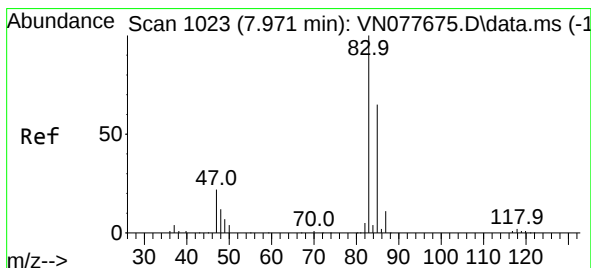
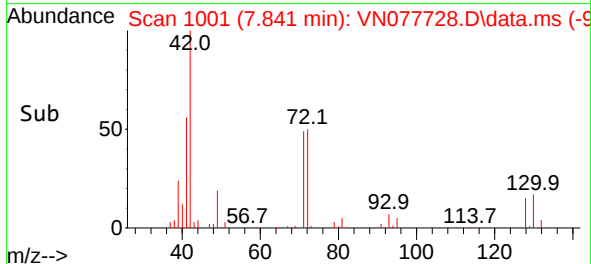
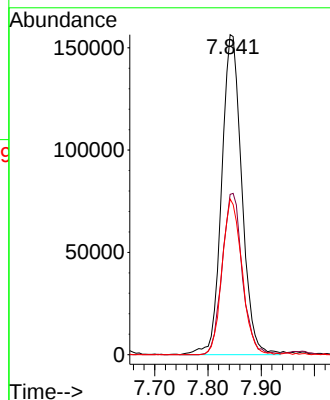
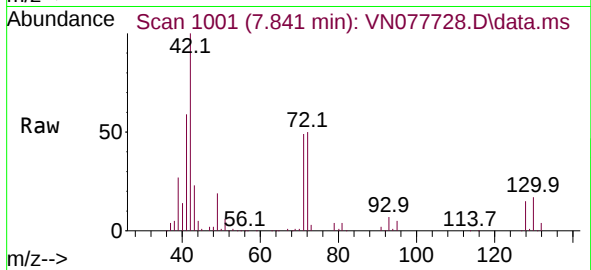
Ion	Ratio	Lower	Upper
42	100		
72	50.3	49.8	74.6
71	48.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#30

Chloroform

Concen: 47.029 ug/l

RT: 7.971 min Scan# 1023

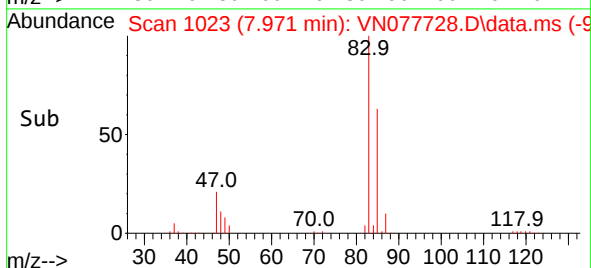
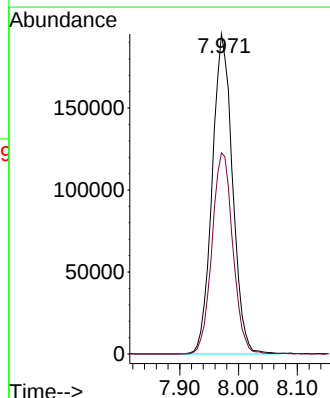
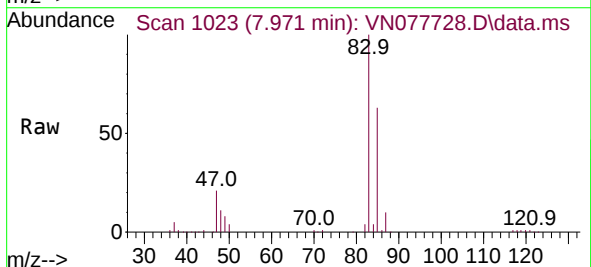
Delta R.T. -0.000 min

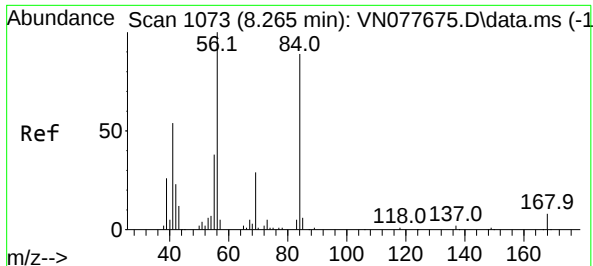
Lab File: VN077728.D

Acq: 17 May 2023 20:53

Tgt Ion: 83 Resp: 469305

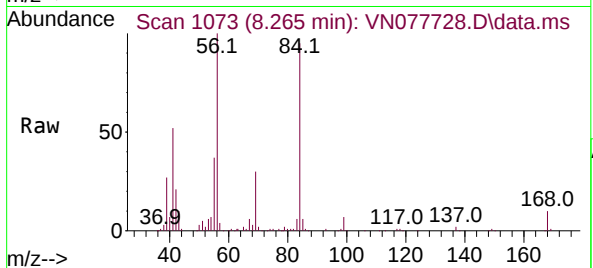
Ion	Ratio	Lower	Upper
83	100		
85	62.8	55.4	83.0





#31
Cyclohexane
Concen: 44.423 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

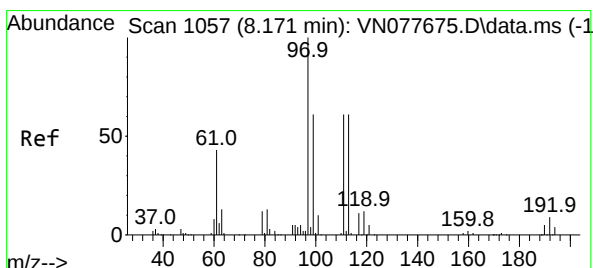
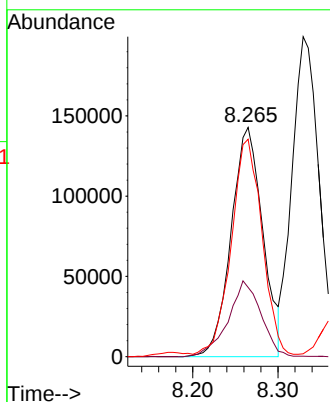
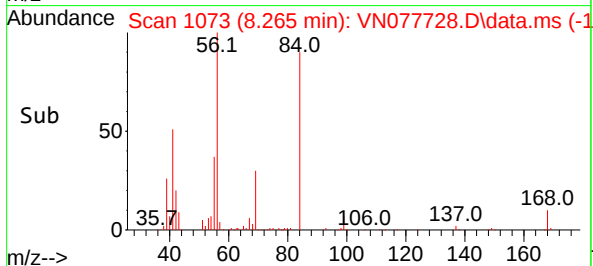
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



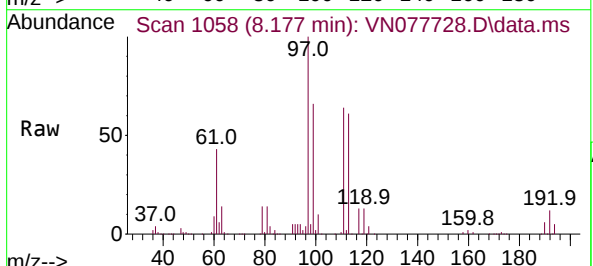
Tgt Ion: 56 Resp: 369350
Ion Ratio Lower Upper
56 100
69 30.2 26.8 40.2
84 92.9 81.8 122.6

Manual Integrations
APPROVED

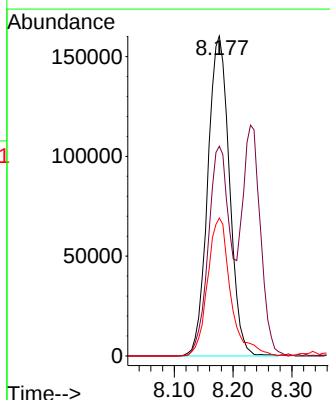
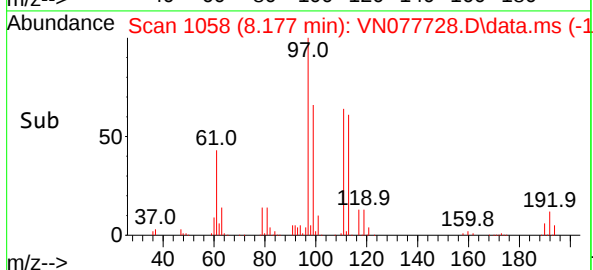
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

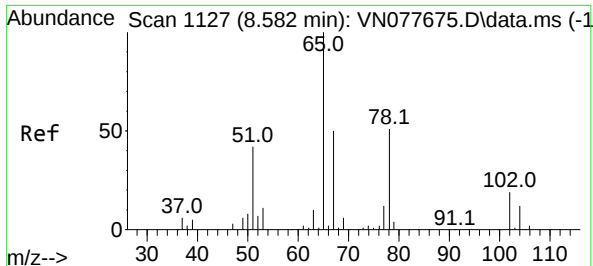


#32
1,1,1-Trichloroethane
Concen: 48.383 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



Tgt Ion: 97 Resp: 410484
Ion Ratio Lower Upper
97 100
99 66.7 50.3 75.5
61 45.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.039 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 299999

Ion Ratio Lower Upper

65 100

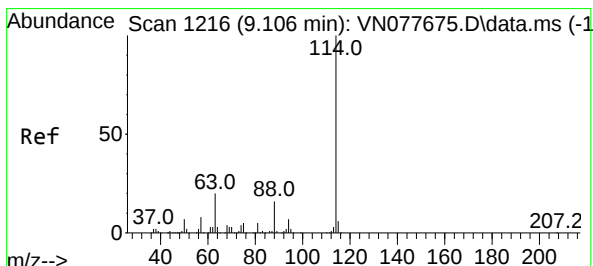
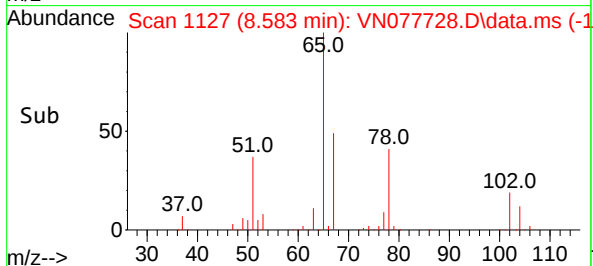
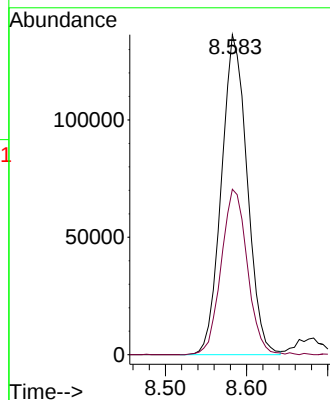
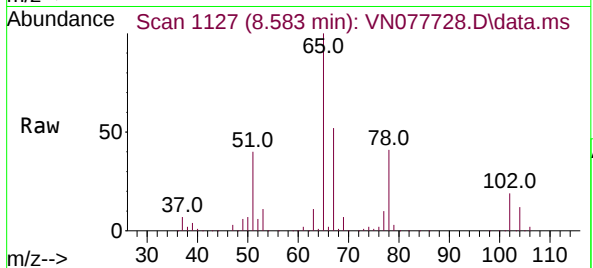
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

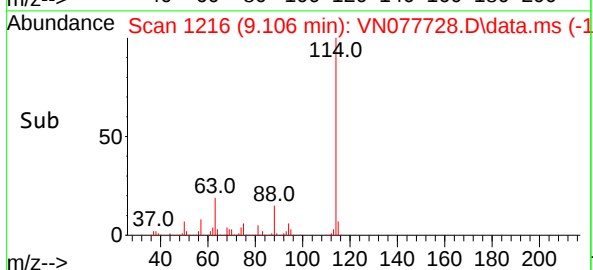
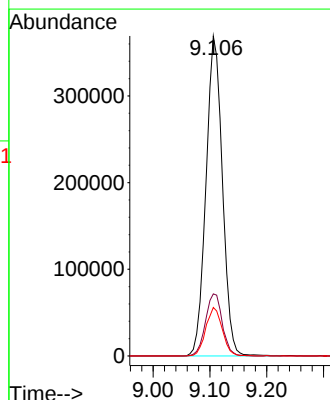
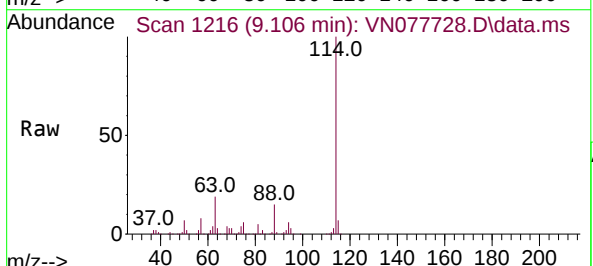
Tgt Ion:114 Resp: 739381

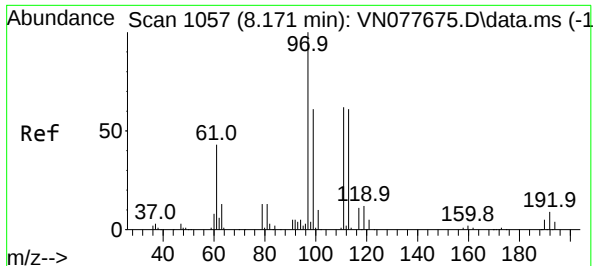
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

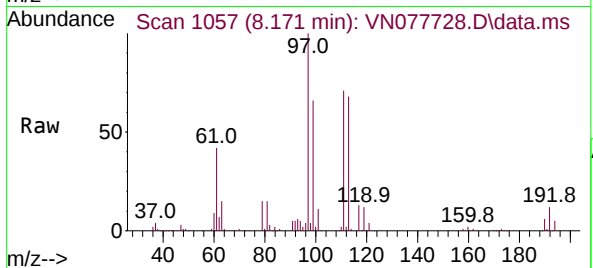
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.717 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

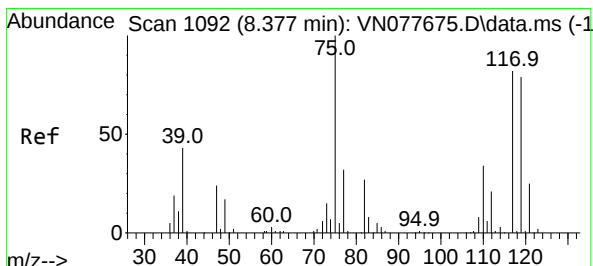
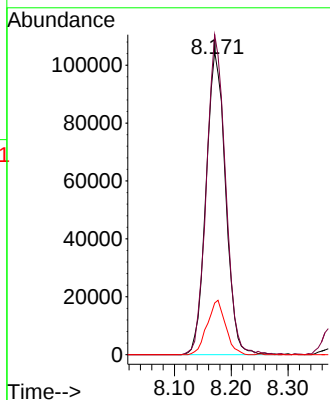
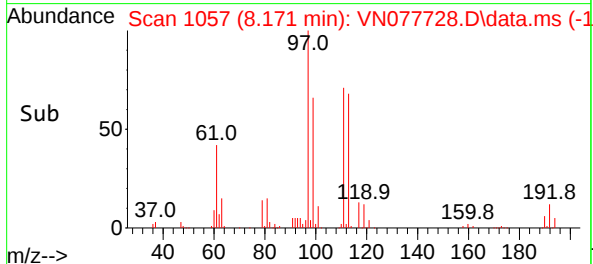
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



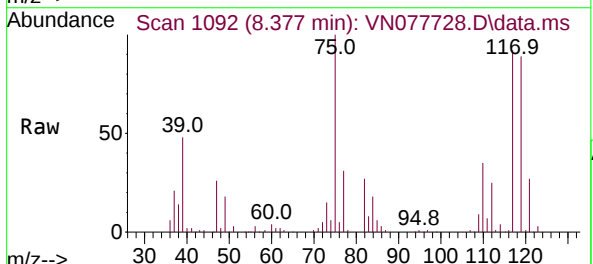
Tgt Ion: 113 Resp: 24935
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 16.9 12.7 19.1

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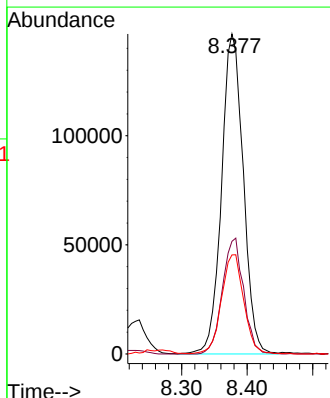
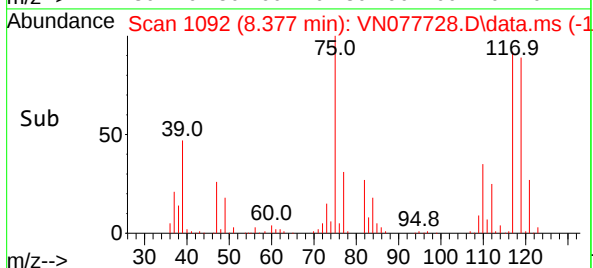
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

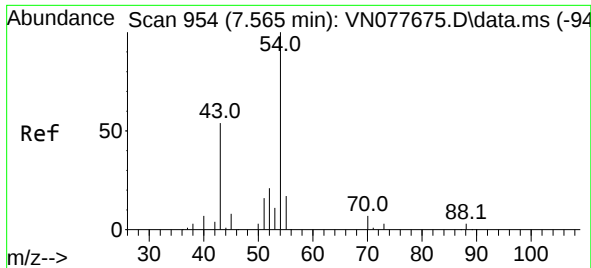


#36
1,1-Dichloropropene
Concen: 47.863 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



Tgt Ion: 75 Resp: 337536
Ion Ratio Lower Upper
75 100
110 35.3 19.1 57.3
77 31.4 25.0 37.4





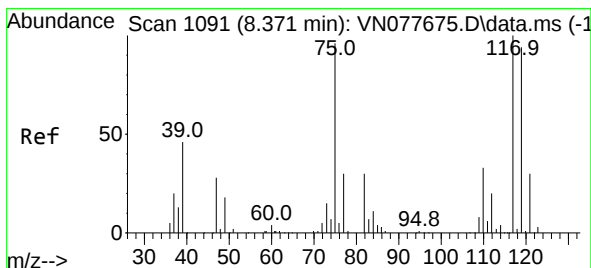
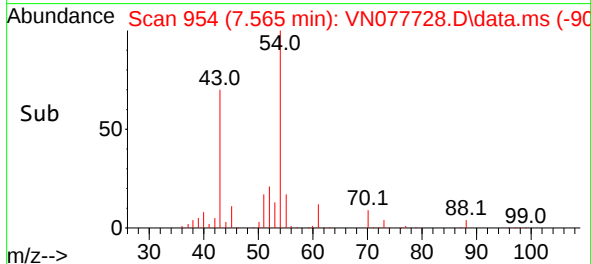
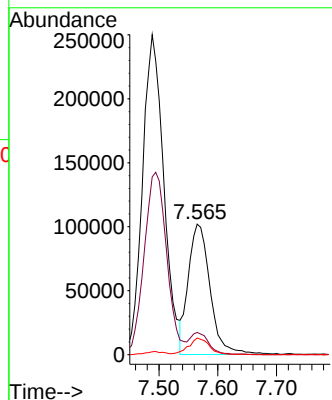
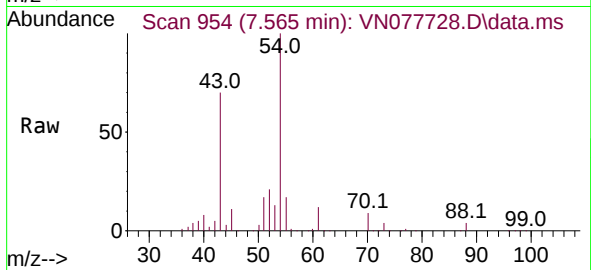
#37
Ethyl Acetate
Concen: 41.620 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26160
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.8 11.3 16.9

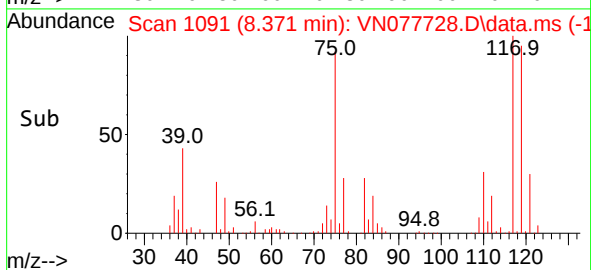
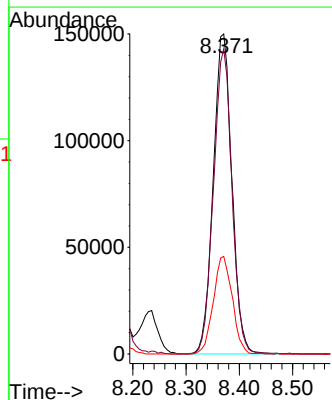
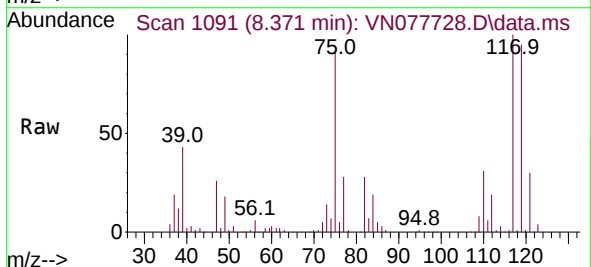
Manual Integrations
APPROVED

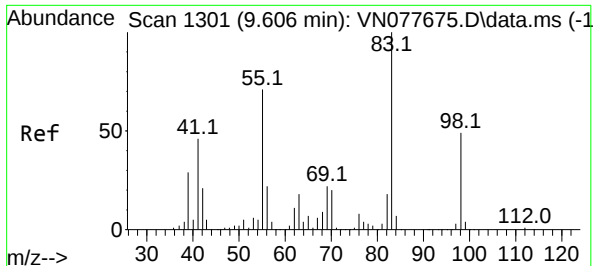
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#38
Carbon Tetrachloride
Concen: 51.149 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion:117 Resp: 364241
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
121 30.5 23.3 34.9





#39

Methylcyclohexane

Concen: 47.547 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 410500

Ion Ratio Lower Upper

83 100

55 65.6 49.1 73.7

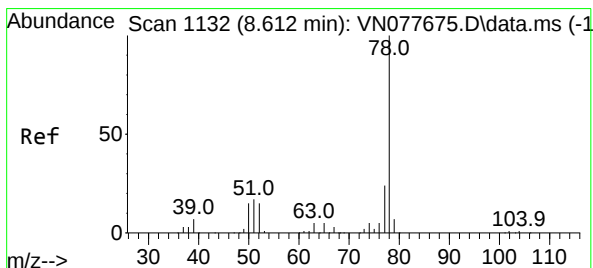
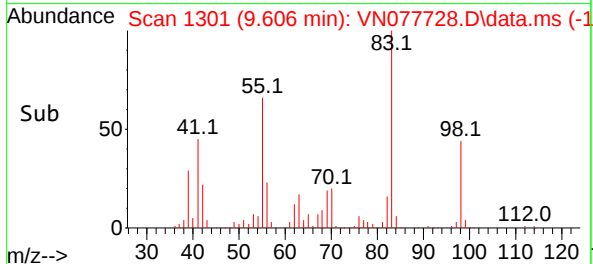
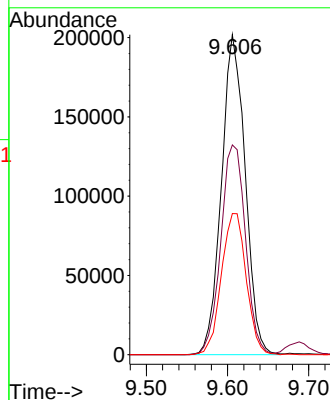
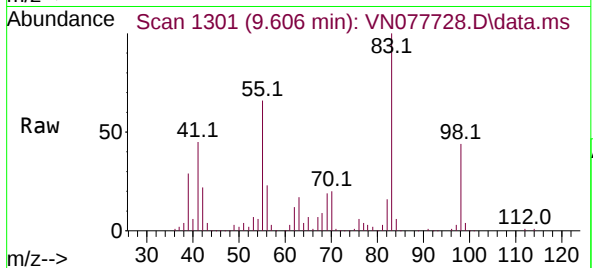
98 44.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#40

Benzene

Concen: 48.172 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077728.D

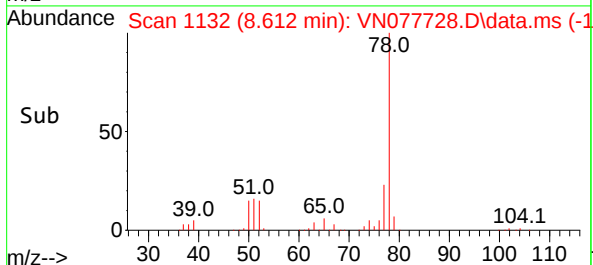
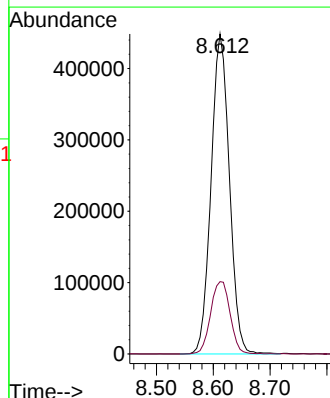
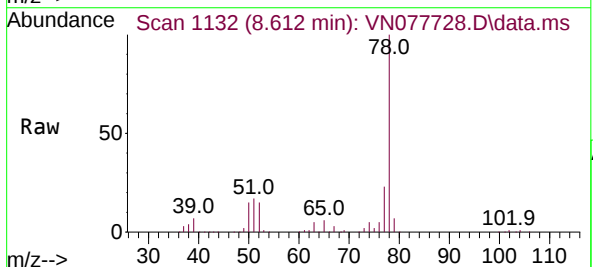
Acq: 17 May 2023 20:53

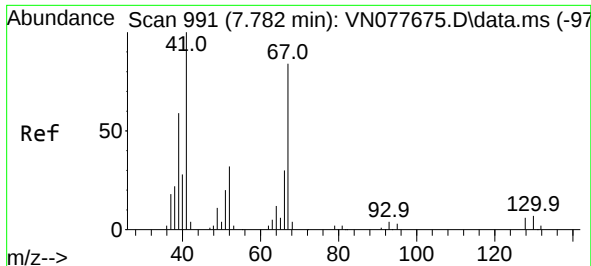
Tgt Ion: 78 Resp: 1002478

Ion Ratio Lower Upper

78 100

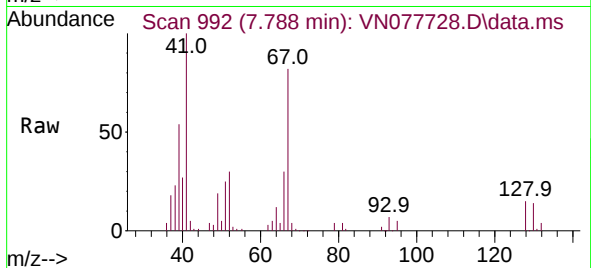
77 22.6 19.0 28.6





#41
Methacrylonitrile
Concen: 44.597 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

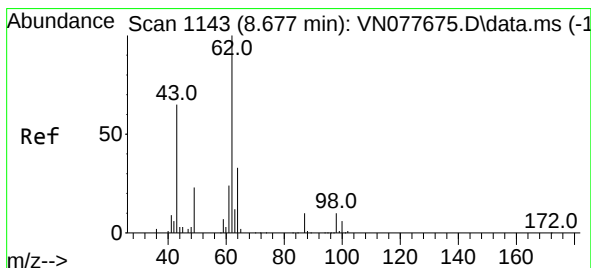
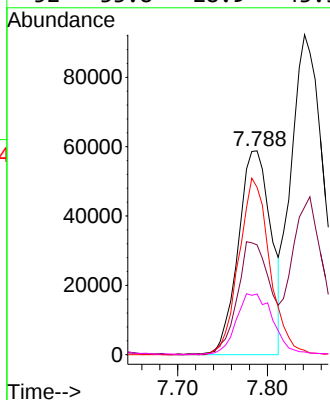
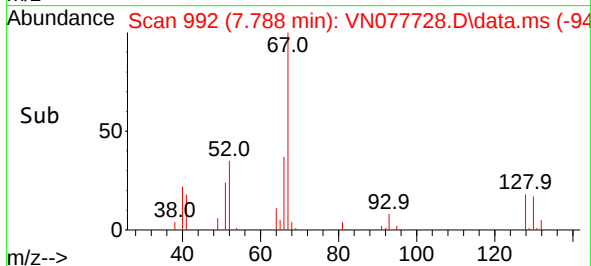
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 149284
Ion Ratio Lower Upper
41 100
39 55.3 42.6 64.0
67 82.0 77.5 116.3
52 33.8 28.9 43.3

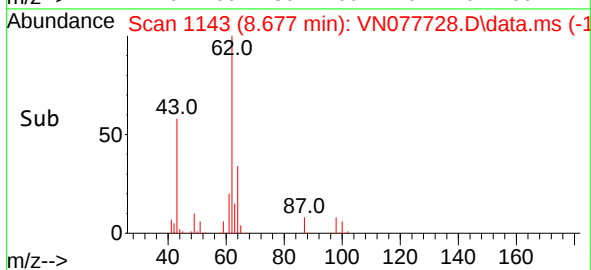
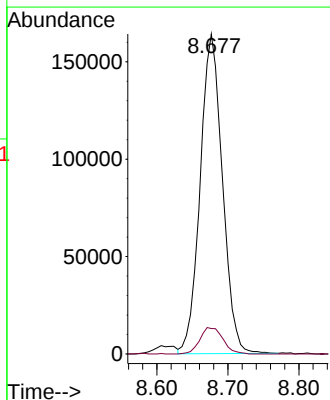
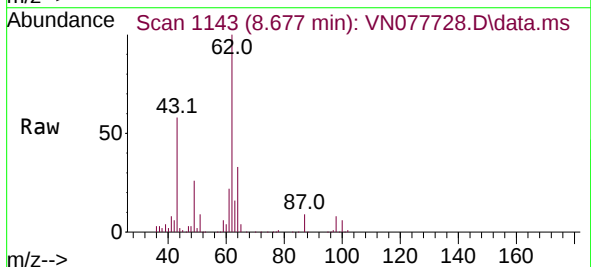
Manual Integrations
APPROVED

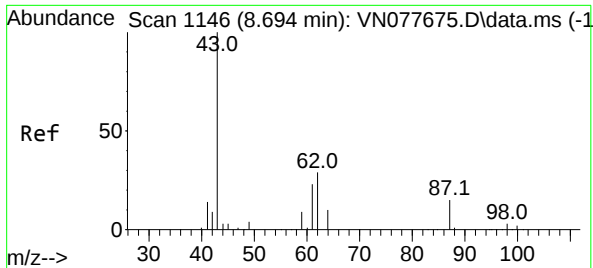
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#42
1,2-Dichloroethane
Concen: 47.334 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion: 62 Resp: 357825
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





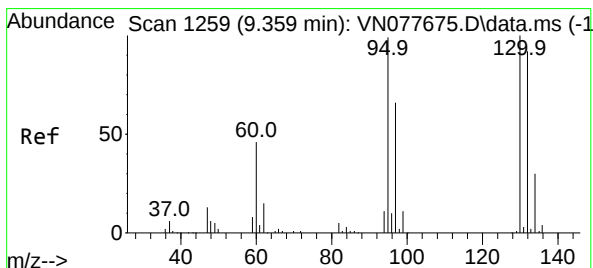
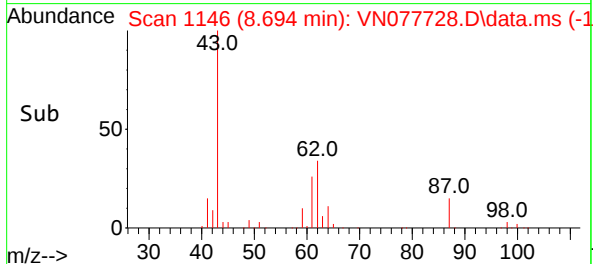
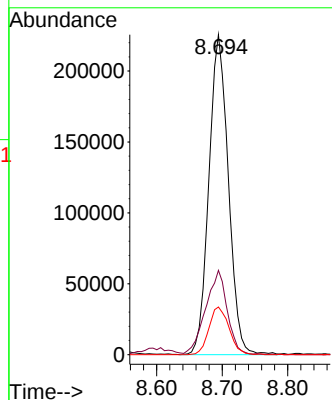
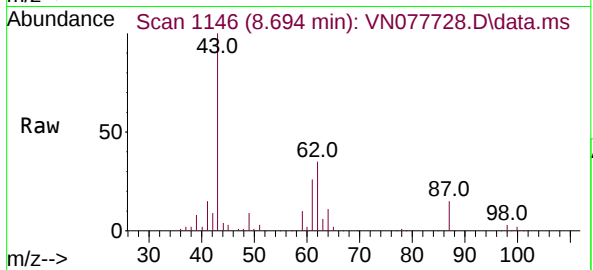
#43
Isopropyl Acetate
Concen: 45.393 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 46604
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.4 14.6 21.8

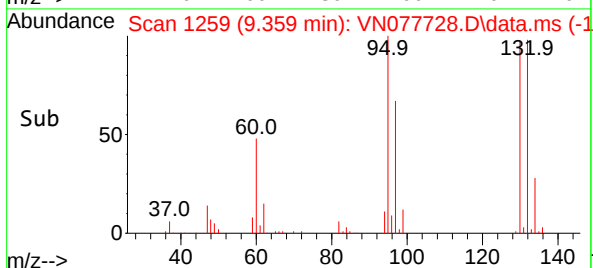
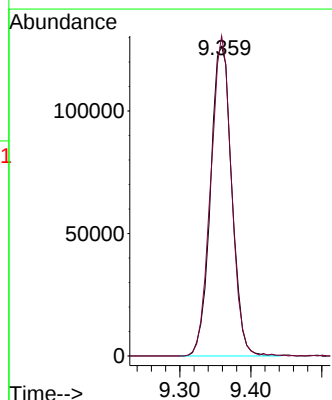
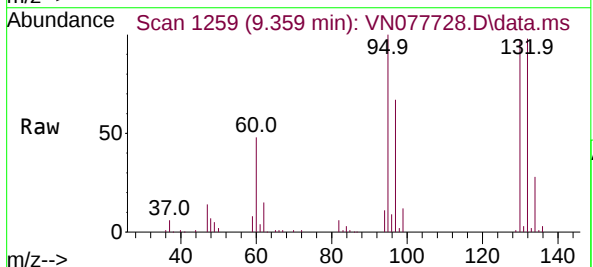
Manual Integrations
APPROVED

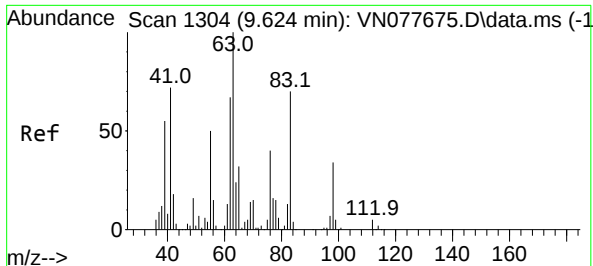
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#44
Trichloroethene
Concen: 49.942 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

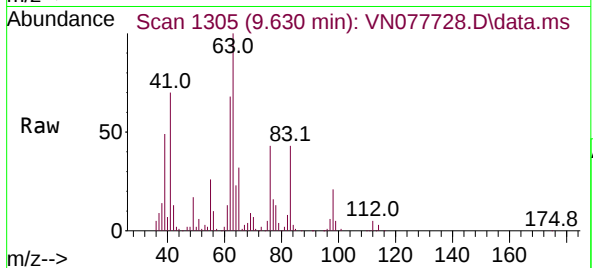
Tgt Ion:130 Resp: 263162
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 48.915 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

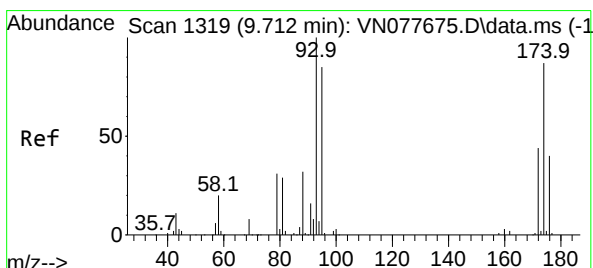
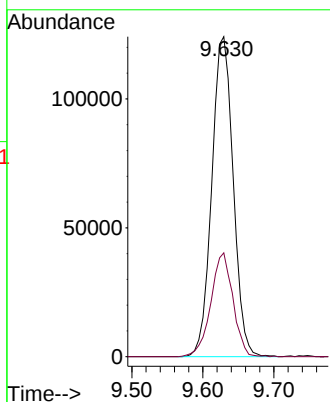
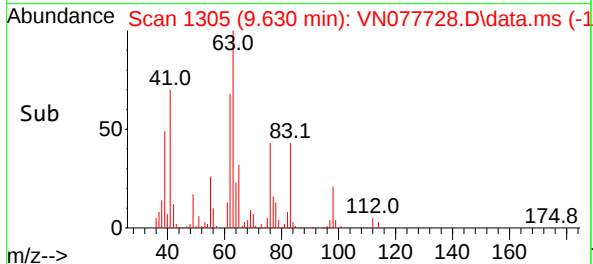
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



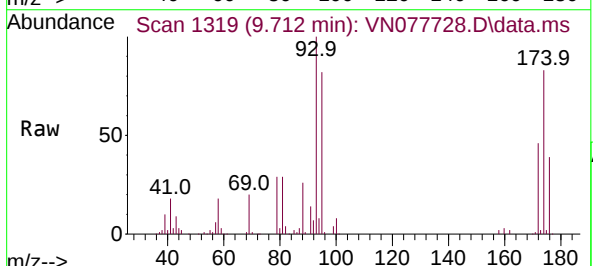
Tgt Ion: 63 Resp: 25965
Ion Ratio Lower Upper
63 100
65 32.5 23.9 35.9

Manual Integrations
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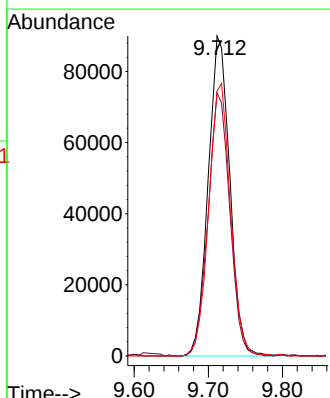
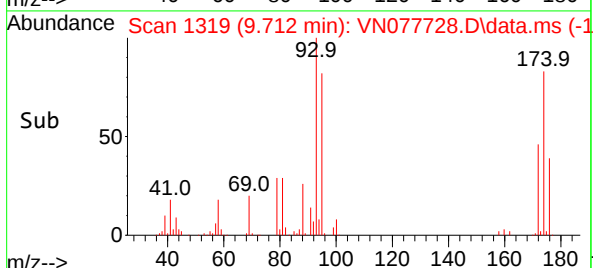
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

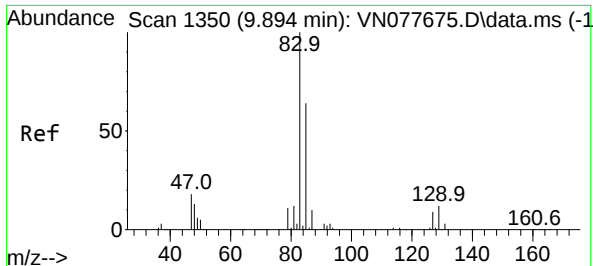


#46
Dibromomethane
Concen: 47.856 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



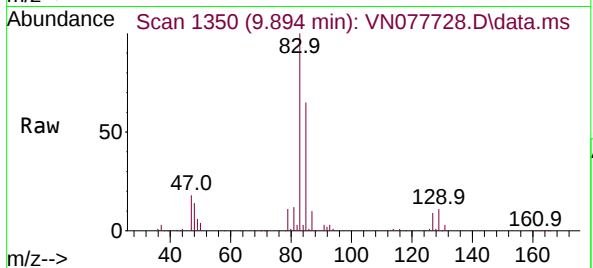
Tgt Ion: 93 Resp: 181775
Ion Ratio Lower Upper
93 100
95 82.7 63.8 95.8
174 86.1 65.6 98.4





#47
Bromodichloromethane
Concen: 49.997 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

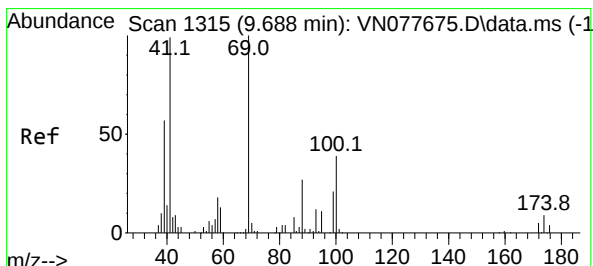
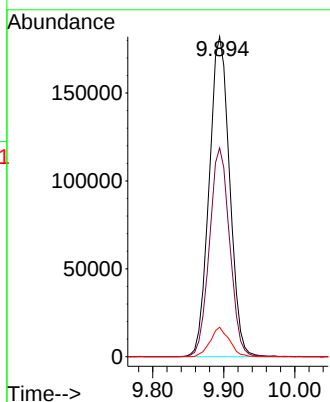
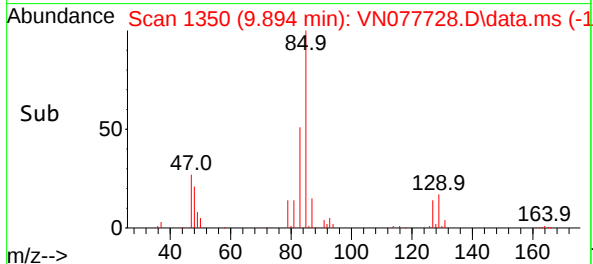
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



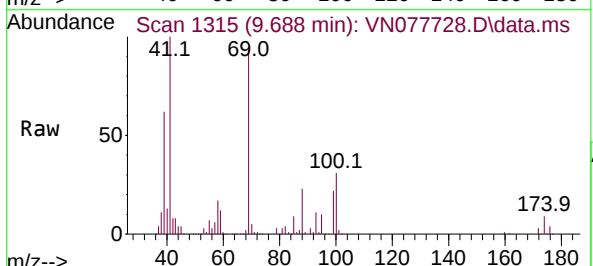
Tgt Ion: 83 Resp: 36357
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 9.2 7.0 10.6

Manual Integrations
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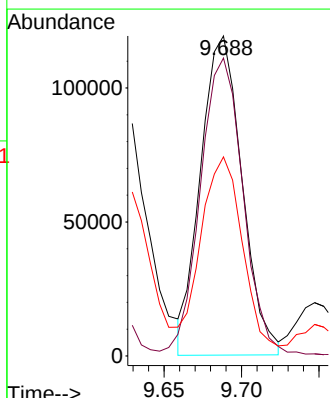
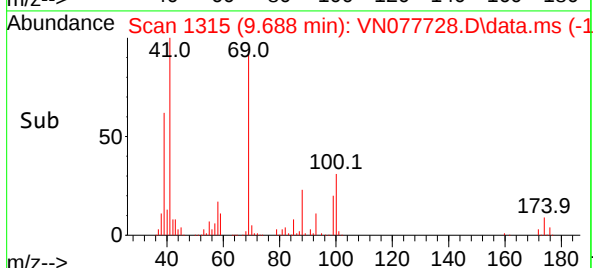
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

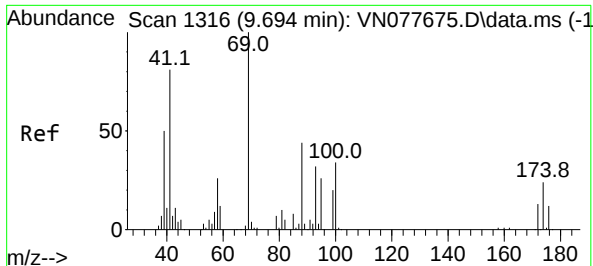


#48
Methyl methacrylate
Concen: 45.534 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



Tgt Ion: 41 Resp: 221648
Ion Ratio Lower Upper
41 100
69 97.2 90.4 135.6
39 64.9 54.6 81.8





#49

1,4-Dioxane

Concen: 875.852 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 80524

Ion Ratio Lower Upper

88 100

43 26.2 17.0 25.6

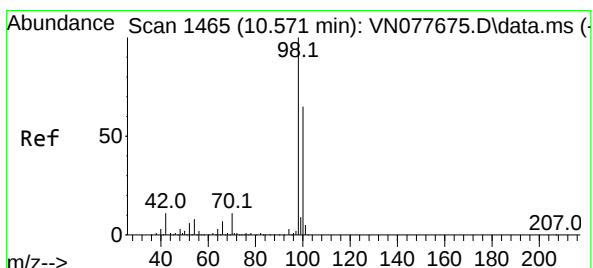
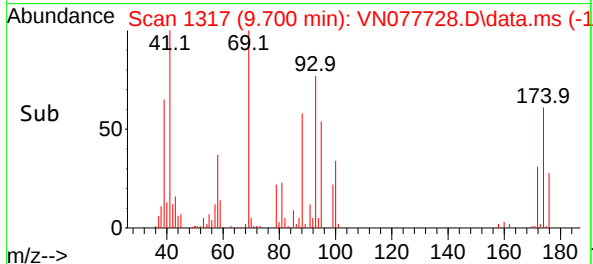
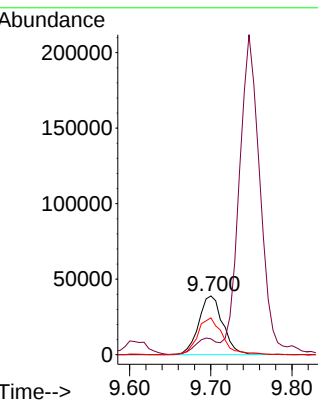
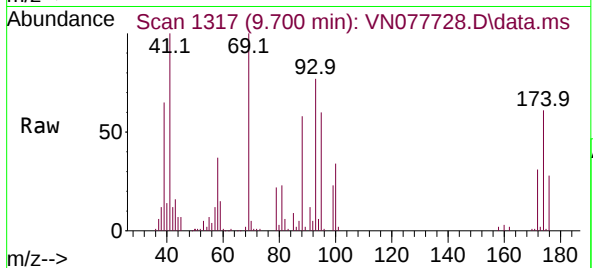
58 65.1 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#50

Toluene-d8

Concen: 53.012 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077728.D

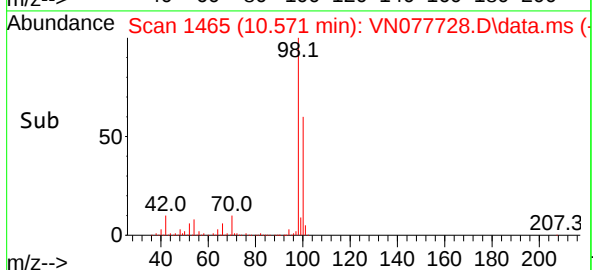
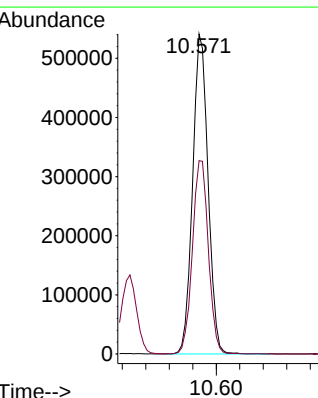
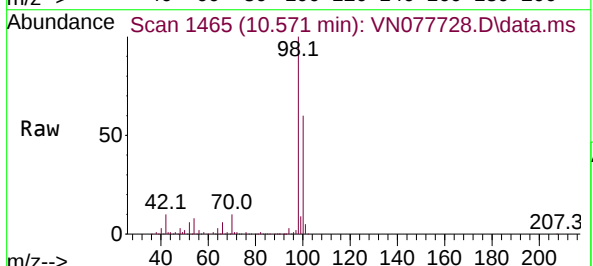
Acq: 17 May 2023 20:53

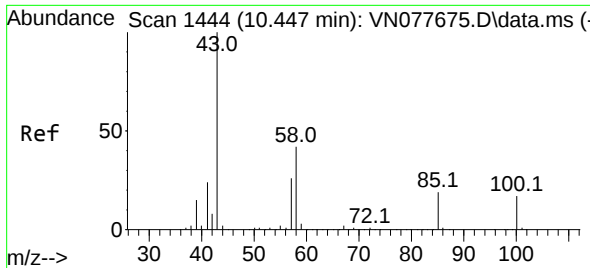
Tgt Ion: 98 Resp: 983788

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0





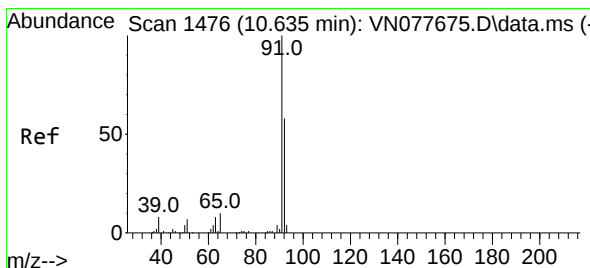
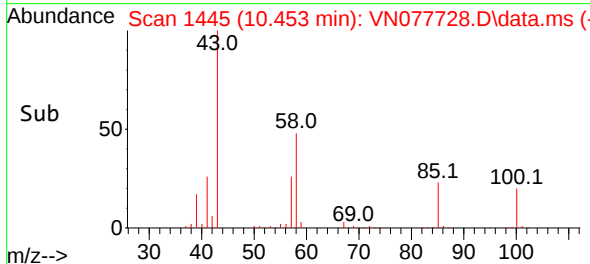
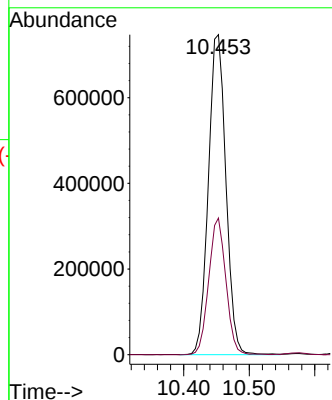
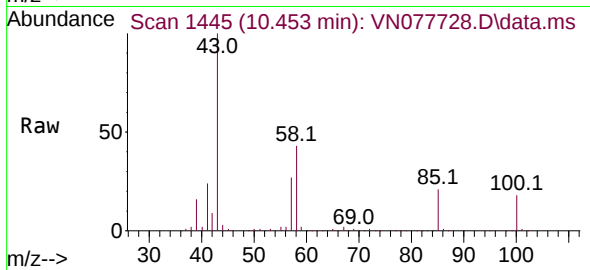
#51
4-Methyl-2-Pentanone
Concen: 227.366 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 138755
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8

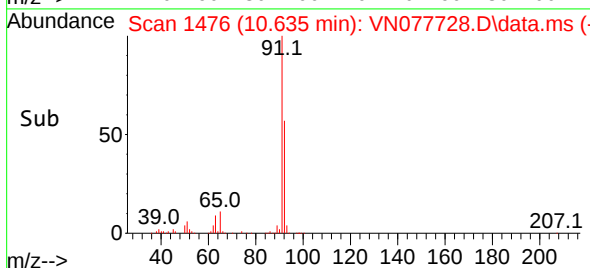
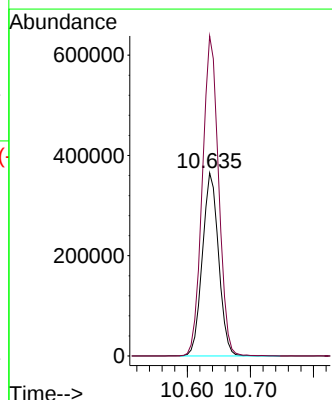
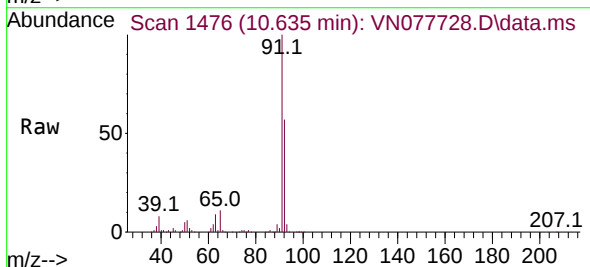
Manual Integrations
APPROVED

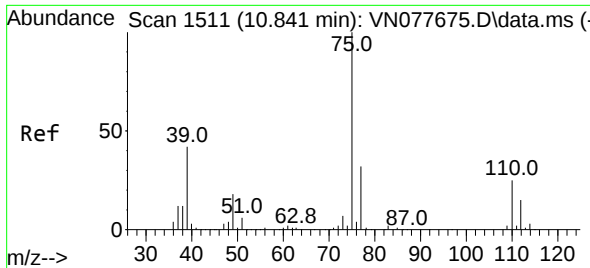
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#52
Toluene
Concen: 50.168 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

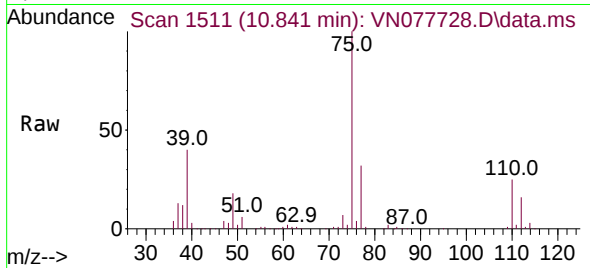
Tgt Ion: 92 Resp: 649958
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 48.936 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077728.D
 Acq: 17 May 2023 20:53

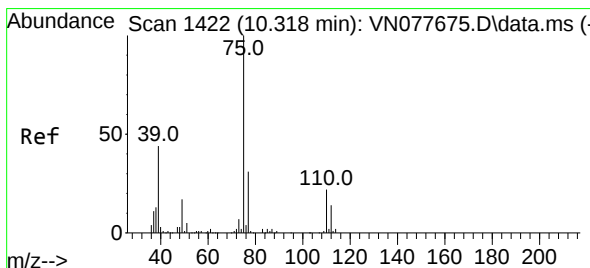
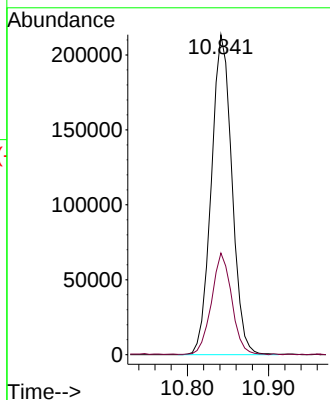
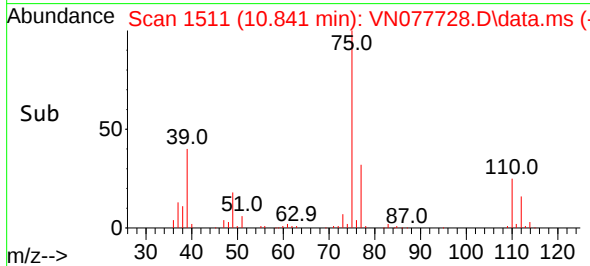
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



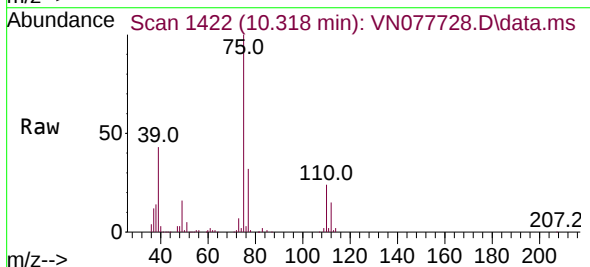
Tgt Ion: 75 Resp: 376840
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0

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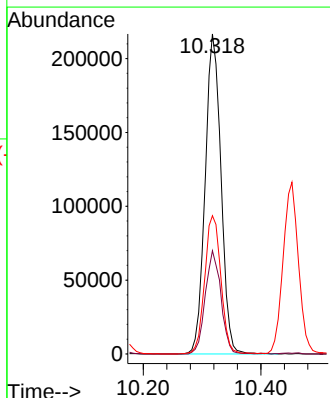
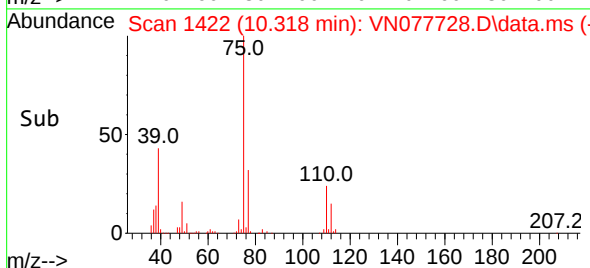
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

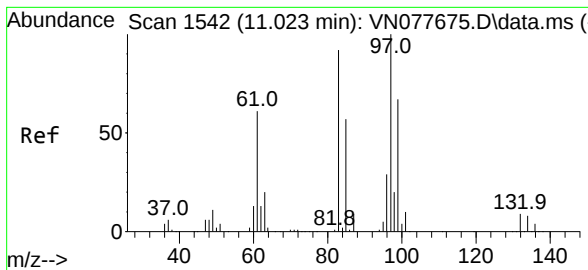


#54
 cis-1,3-Dichloropropene
 Concen: 47.691 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077728.D
 Acq: 17 May 2023 20:53



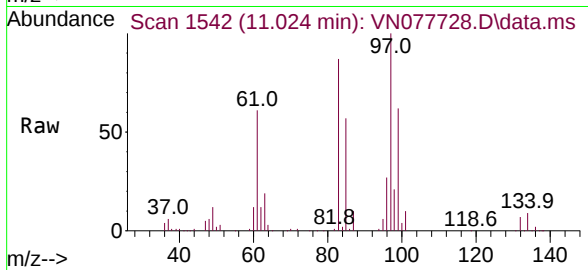
Tgt Ion: 75 Resp: 404715
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 43.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.751 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

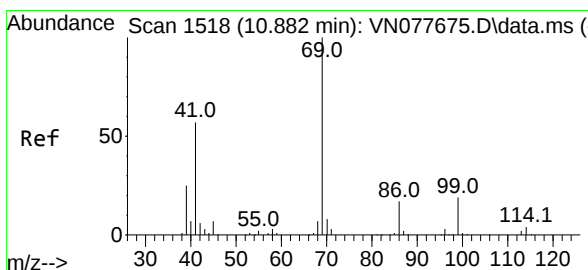
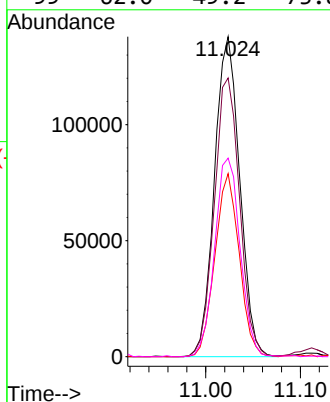
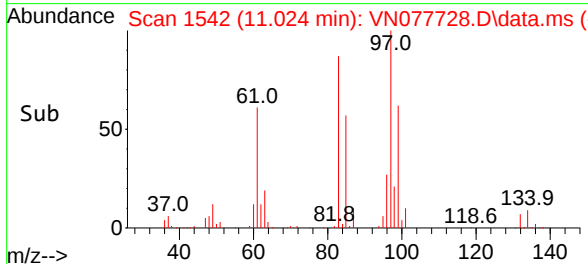


Tgt Ion: 97 Resp: 255925

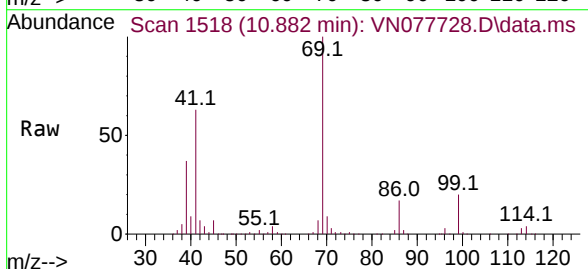
Ion	Ratio	Lower	Upper
97	100		
83	87.1	65.1	97.7
85	57.2	43.4	65.2
99	62.0	49.2	73.8

Manual Integrations
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Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

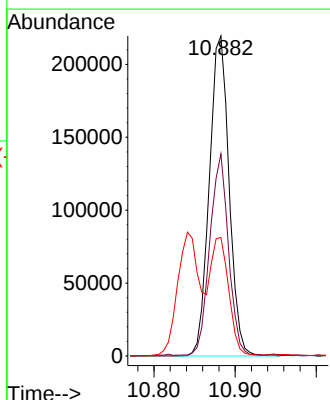
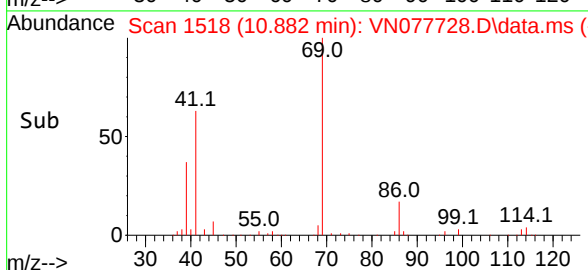


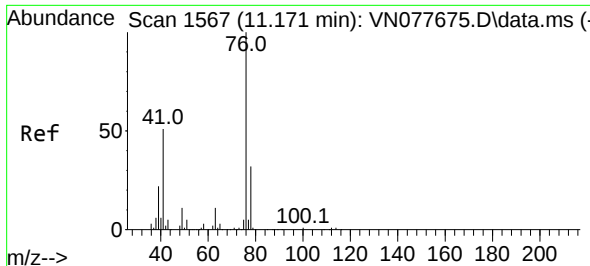
#56
Ethyl methacrylate
Concen: 47.726 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



Tgt Ion: 69 Resp: 371207

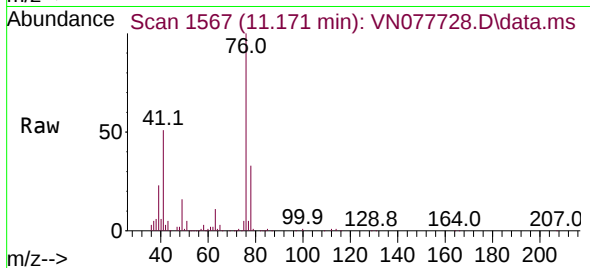
Ion	Ratio	Lower	Upper
69	100		
41	59.3	39.6	59.4
39	32.7	28.6	43.0





#57
1,3-Dichloropropane
Concen: 48.630 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

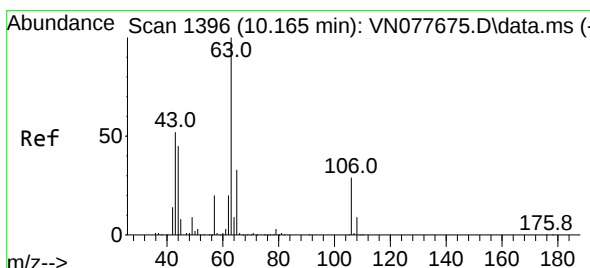
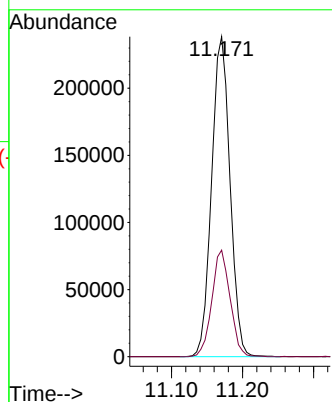
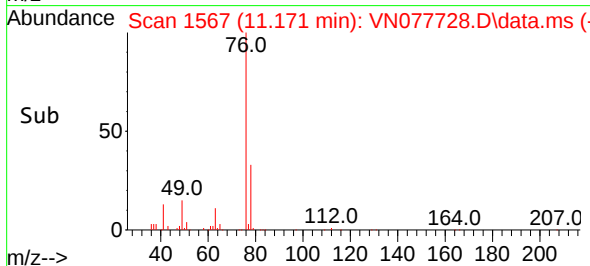
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 42885
Ion Ratio Lower Upper
76 100
78 33.0 26.1 39.1

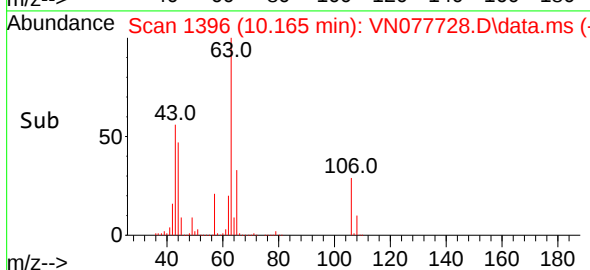
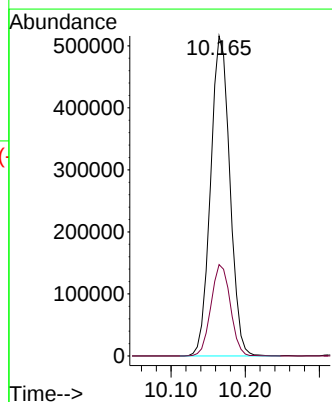
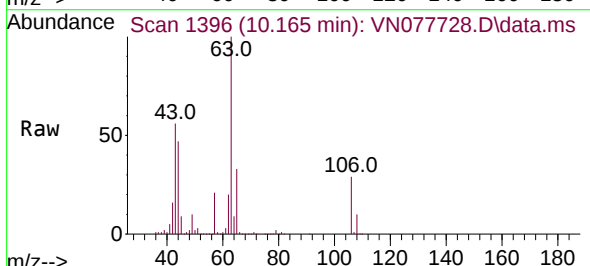
Manual Integrations
APPROVED

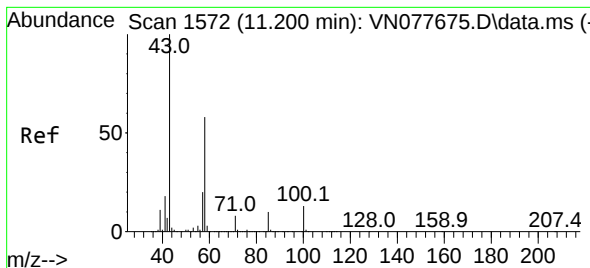
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 243.174 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

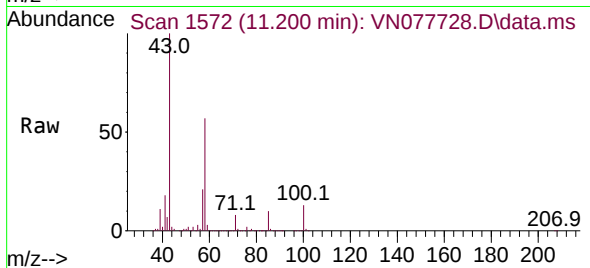
Tgt Ion: 63 Resp: 930487
Ion Ratio Lower Upper
63 100
106 28.7 26.2 39.4





#59
2-Hexanone
Concen: 219.592 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

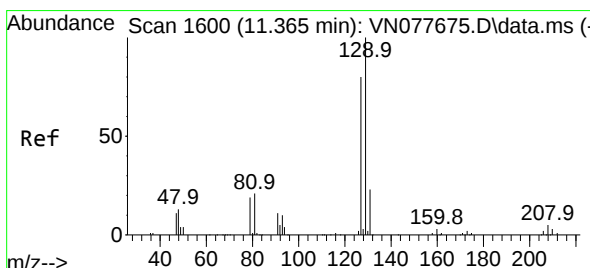
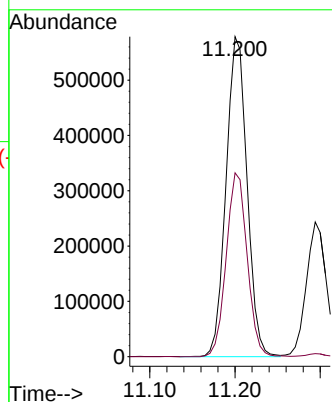
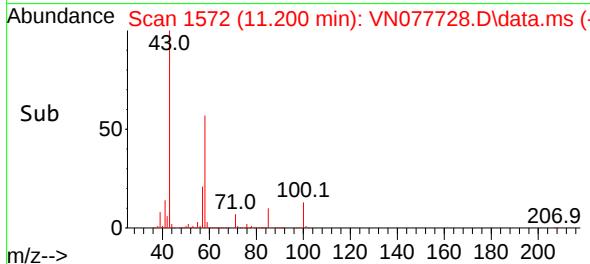
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 991227
Ion Ratio Lower Upper
43 100
58 57.3 31.7 95.1

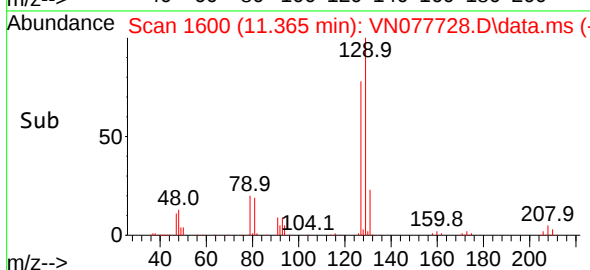
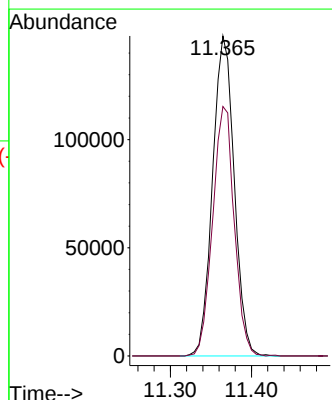
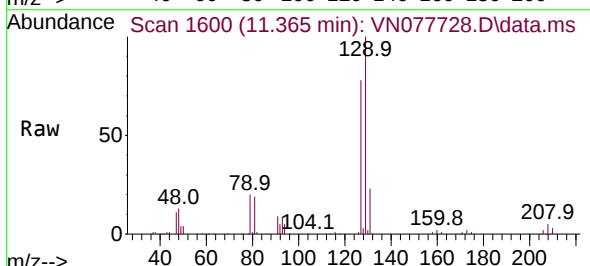
Manual Integrations
APPROVED

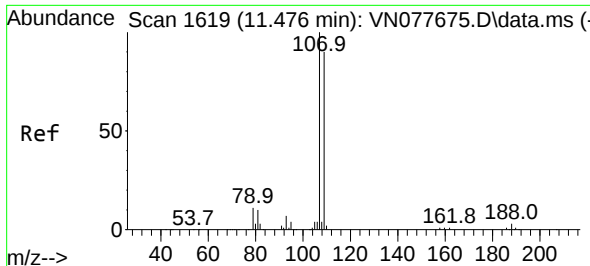
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#60
Dibromochloromethane
Concen: 51.545 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

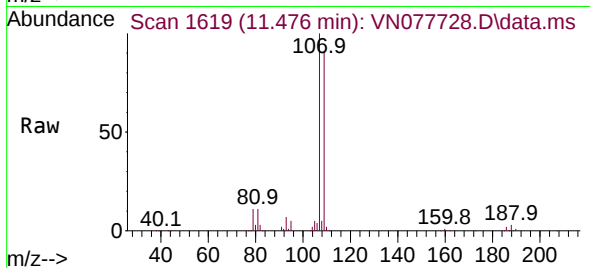
Tgt Ion:129 Resp: 273730
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.565 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

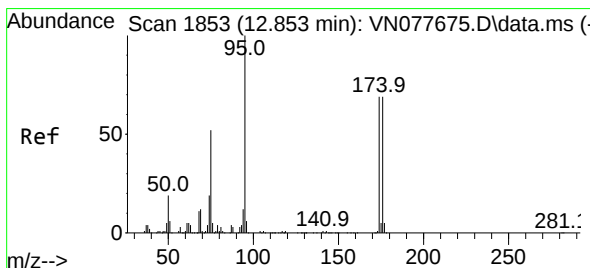
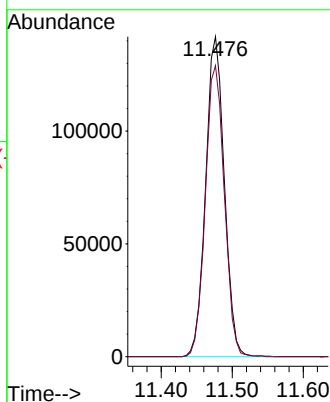
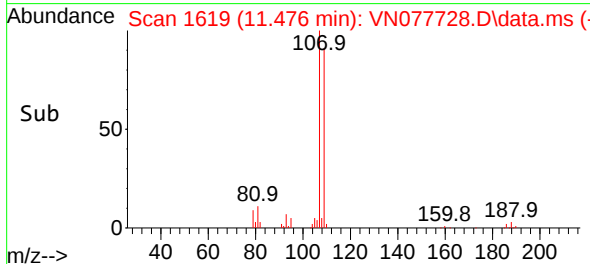
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



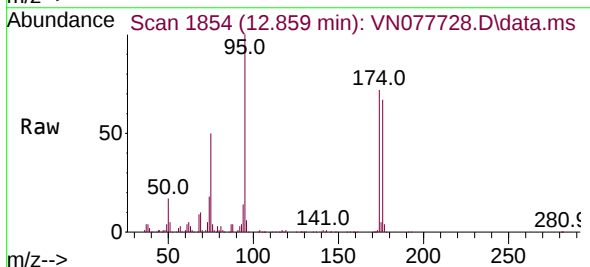
Tgt Ion:107 Resp: 259492
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8

Manual Integrations
APPROVED

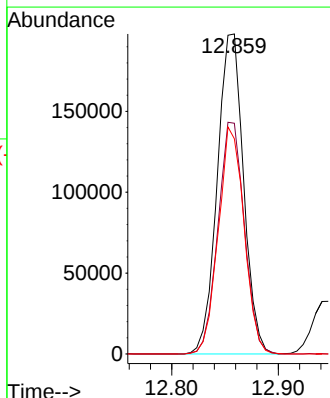
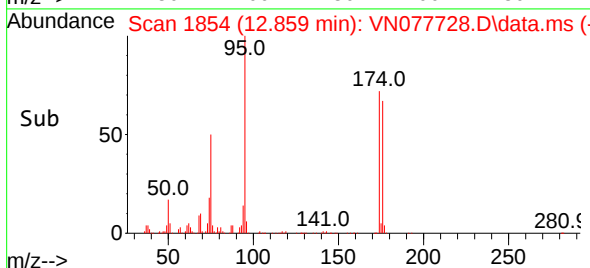
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

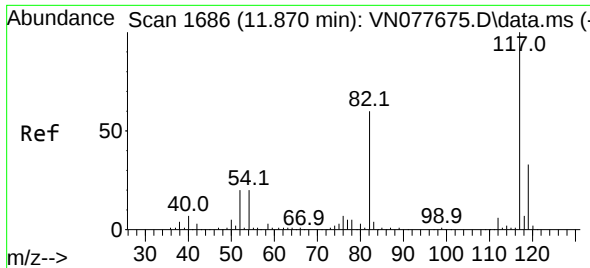


#62
4-Bromofluorobenzene
Concen: 51.740 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



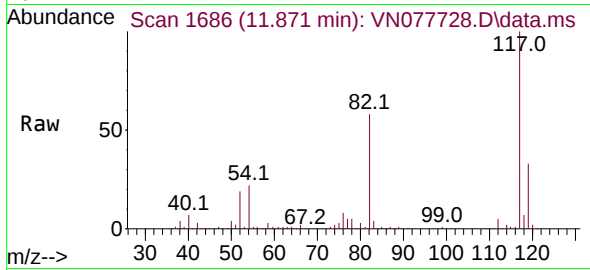
Tgt Ion: 95 Resp: 339120
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 69.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

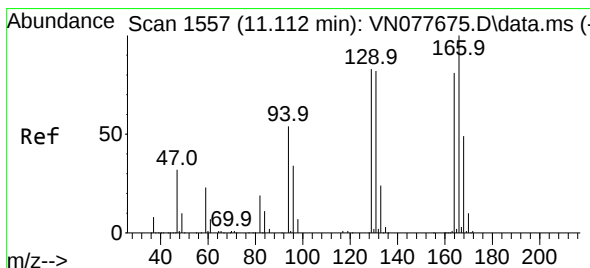
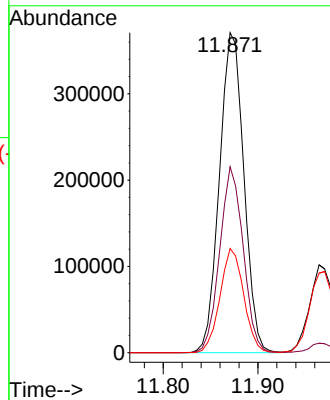
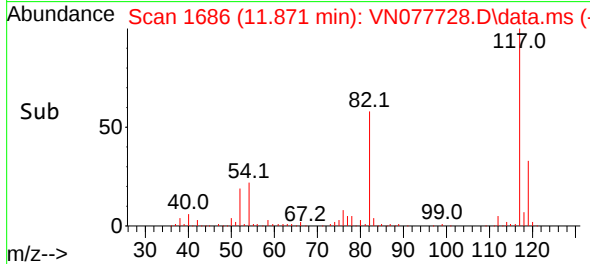
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 66551
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.6 25.6 38.4

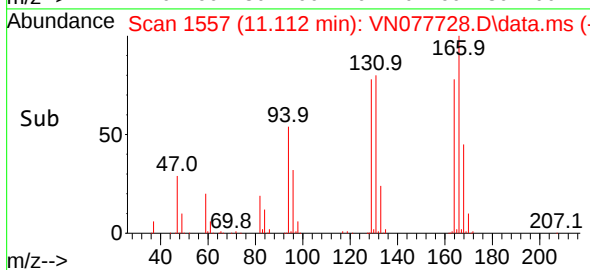
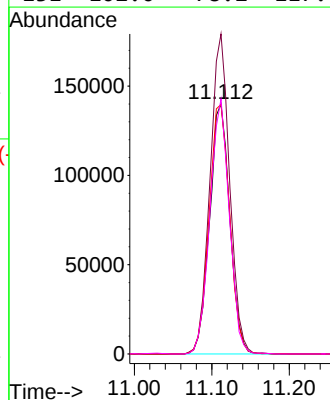
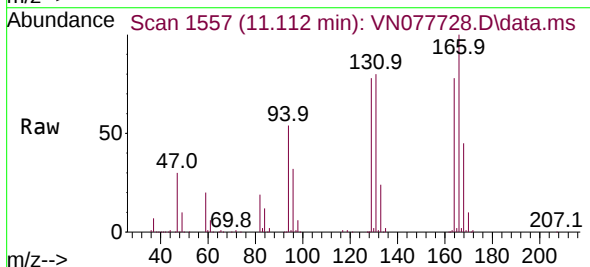
Manual Integrations
APPROVED

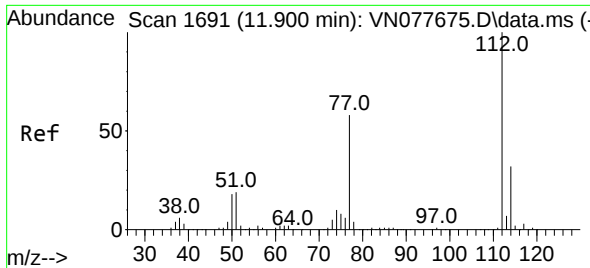
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#64
Tetrachloroethene
Concen: 54.279 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

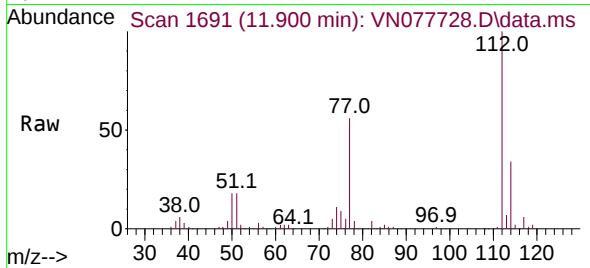
Tgt Ion:164 Resp: 252622
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.0
129 99.8 82.4 123.6
131 102.0 78.2 117.4





#65
Chlorobenzene
Concen: 48.506 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

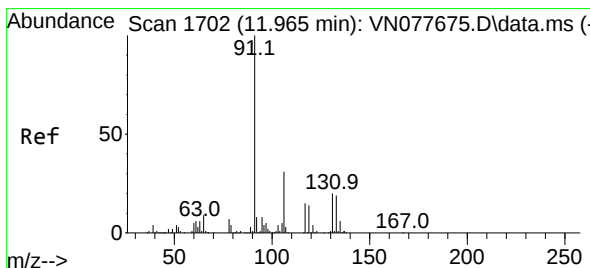
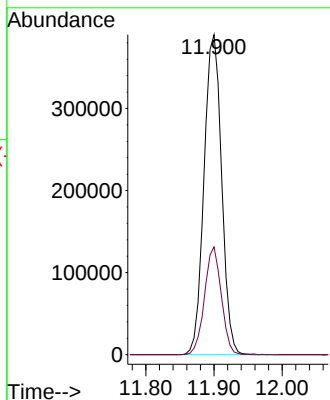
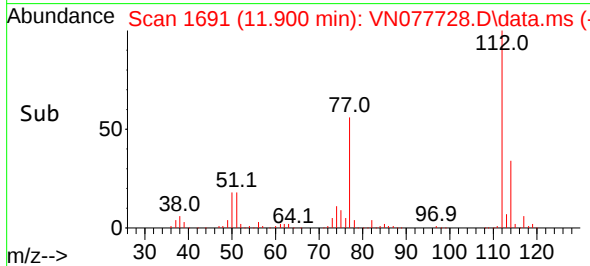
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



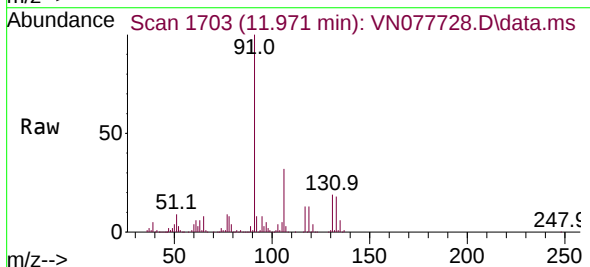
Tgt Ion:112 Resp: 699830
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.4

Manual Integrations
APPROVED

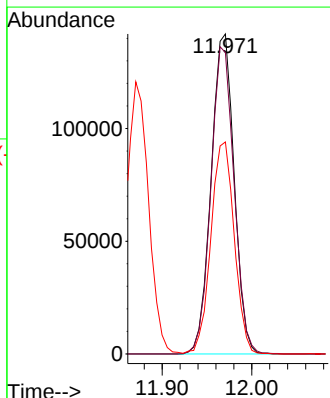
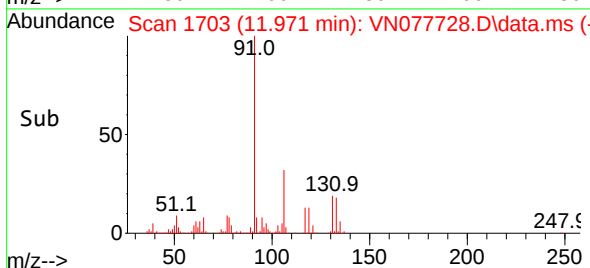
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

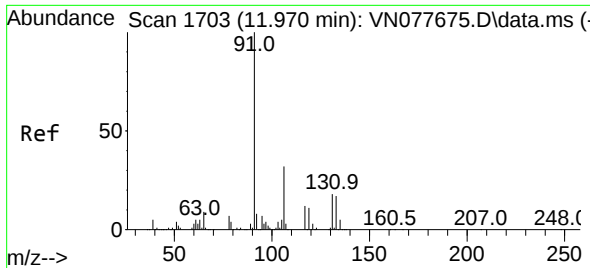


#66
1,1,1,2-Tetrachloroethane
Concen: 50.642 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



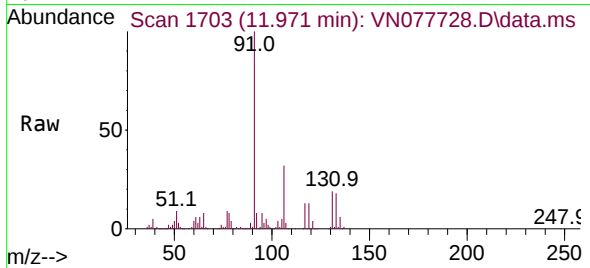
Tgt Ion:131 Resp: 252814
Ion Ratio Lower Upper
131 100
133 96.8 46.4 139.1
119 67.3 34.1 102.2





#67
Ethyl Benzene
Concen: 48.764 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

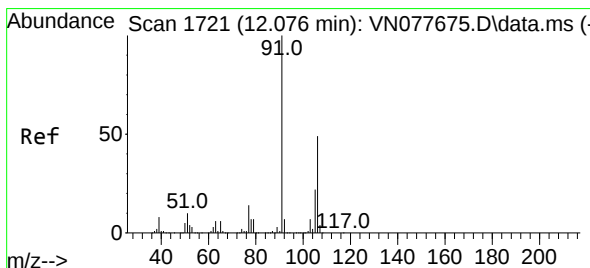
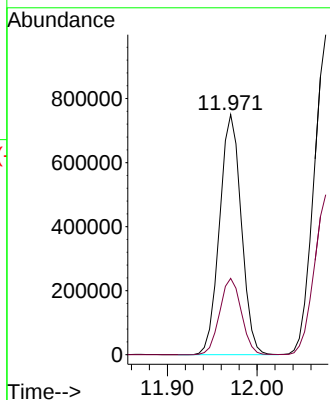
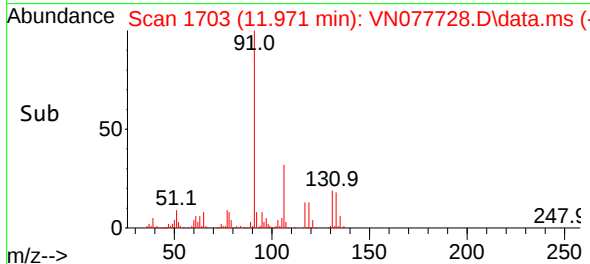
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



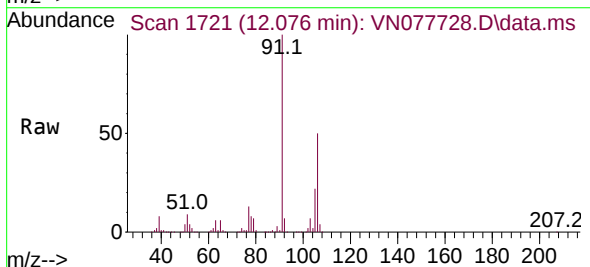
Tgt Ion: 91 Resp: 1260788
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

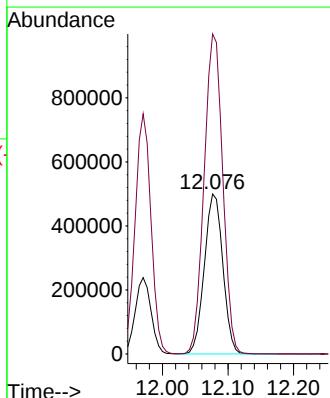
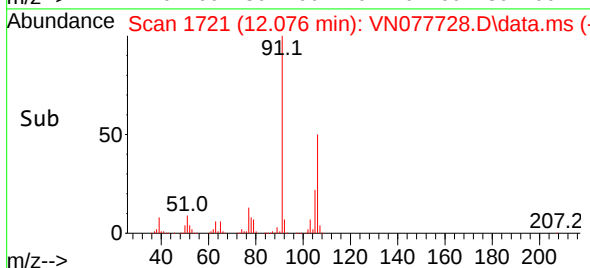
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

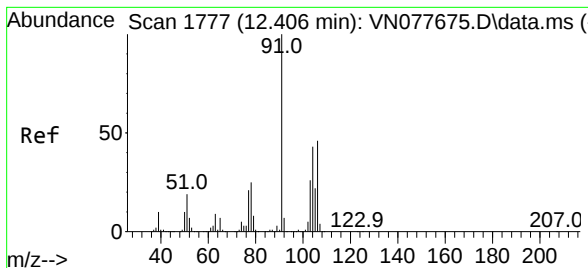


#68
m/p-Xylenes
Concen: 99.991 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



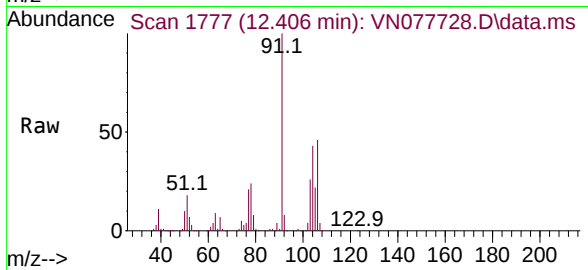
Tgt Ion:106 Resp: 979581
Ion Ratio Lower Upper
106 100
91 201.3 159.6 239.4





#69
o-Xylene
Concen: 50.056 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

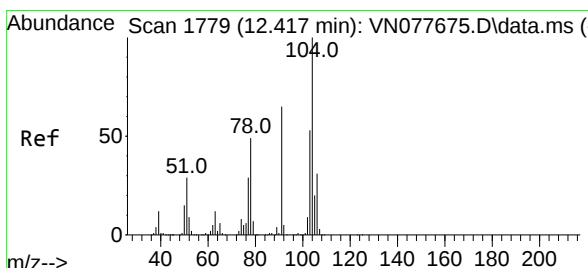
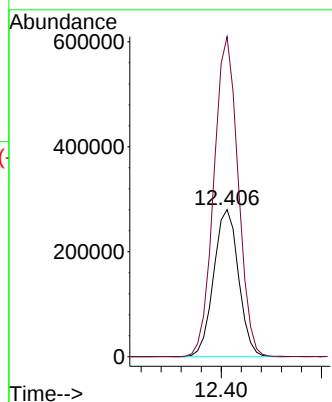
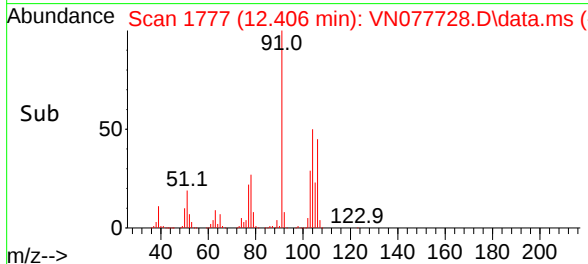
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 482268
Ion Ratio Lower Upper
106 100
91 212.9 105.2 315.5

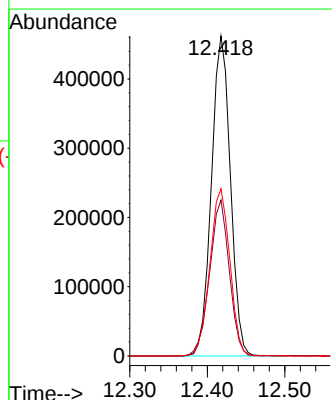
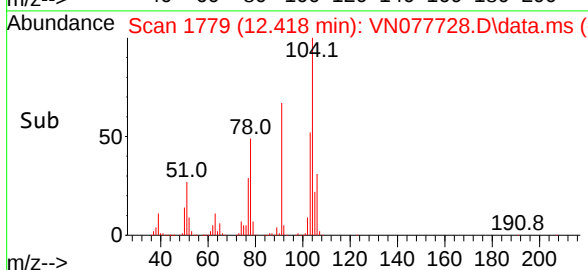
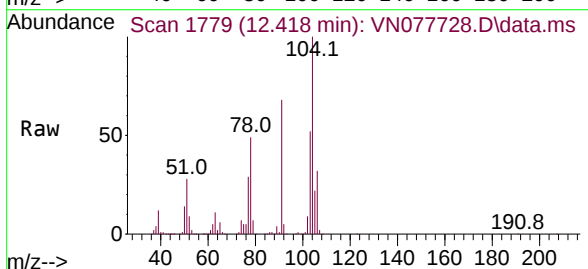
Manual Integrations
APPROVED

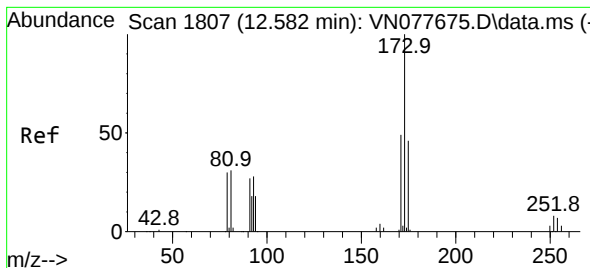
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#70
Styrene
Concen: 51.382 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion:104 Resp: 786410
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 52.286 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 17363

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

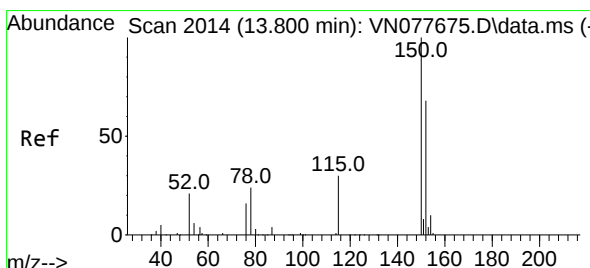
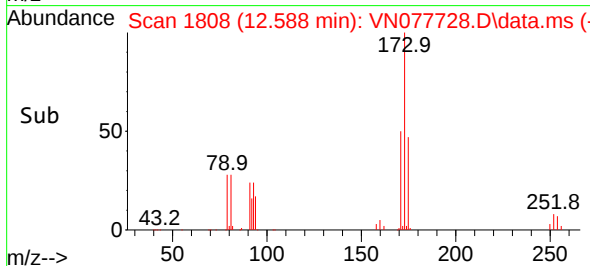
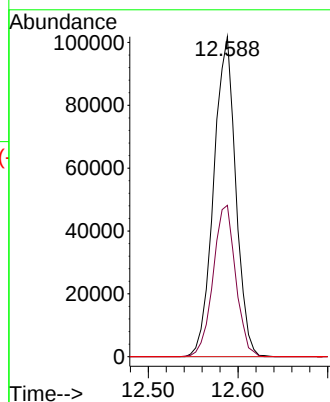
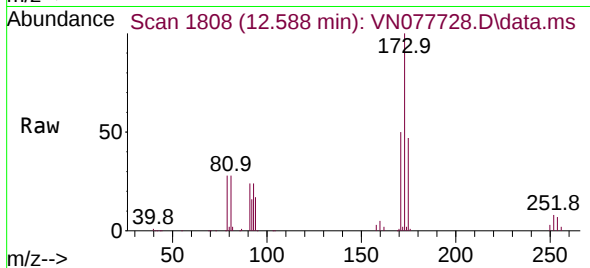
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

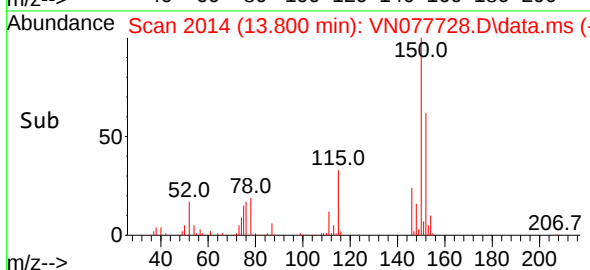
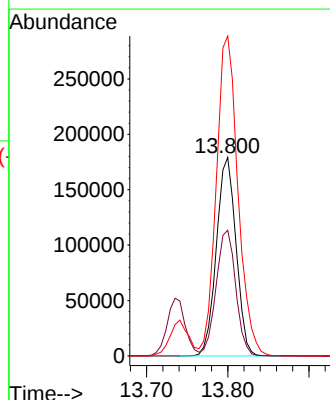
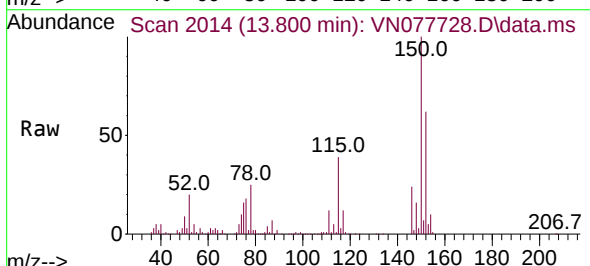
Tgt Ion:152 Resp: 301961

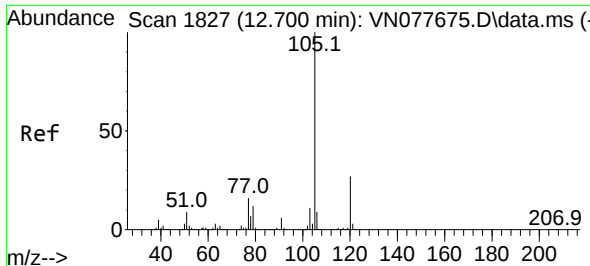
Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

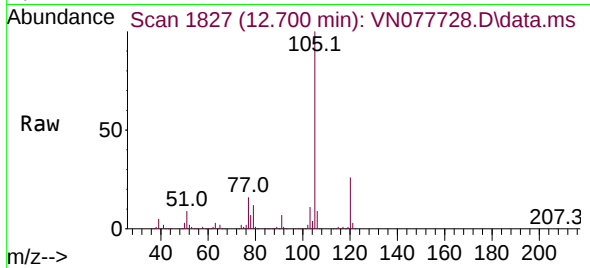
150 177.0 0.0 355.8





#73
Isopropylbenzene
Concen: 47.958 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

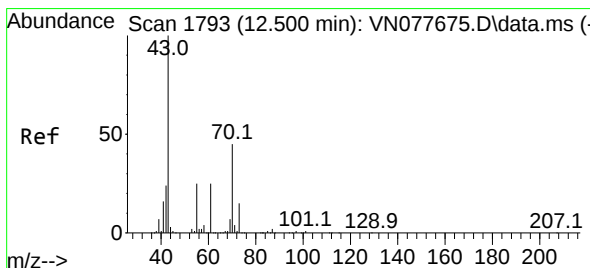
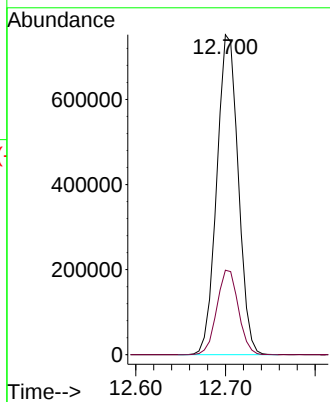
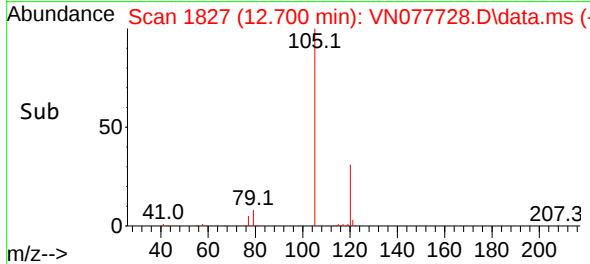
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 124829
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

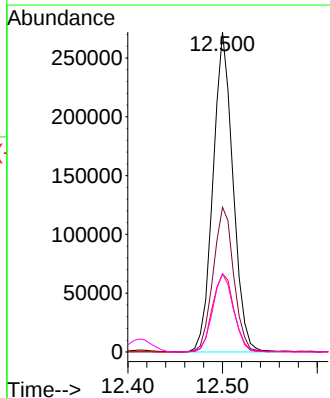
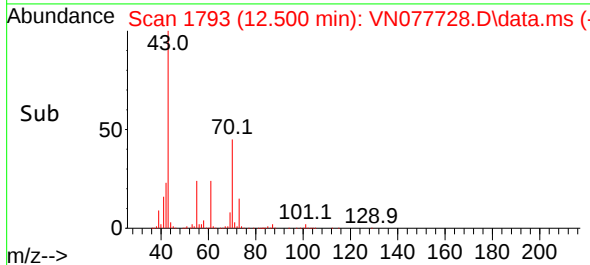
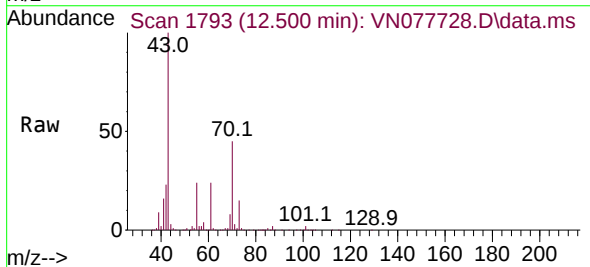
Manual Integrations
APPROVED

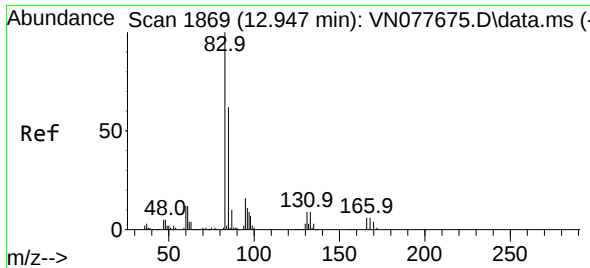
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#74
N-ethyl acetate
Concen: 41.507 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

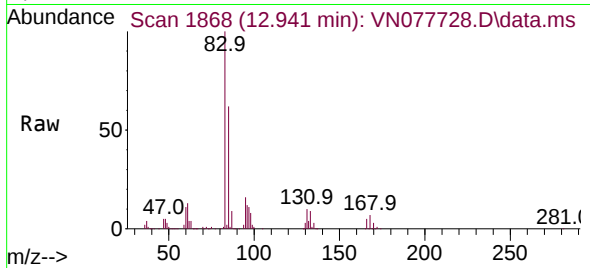
Tgt Ion: 43 Resp: 399345
Ion Ratio Lower Upper
43 100
70 46.9 43.4 65.2
55 26.5 21.4 32.0
61 25.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.229 ug/l
RT: 12.941 min Scan# 1869
Delta R.T. -0.006 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

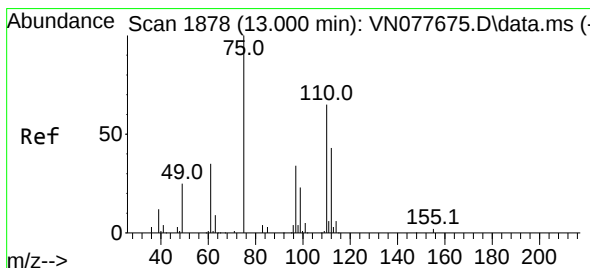
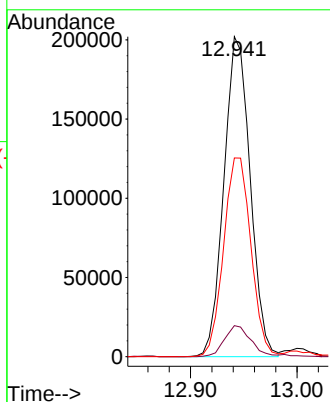
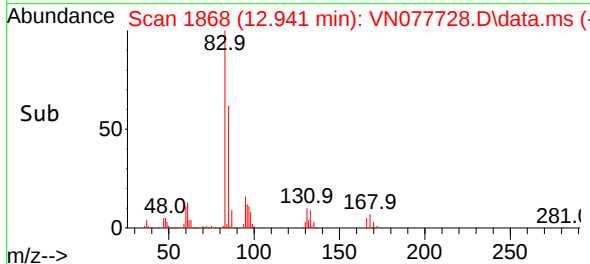
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 346159
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.7 31.9 95.7

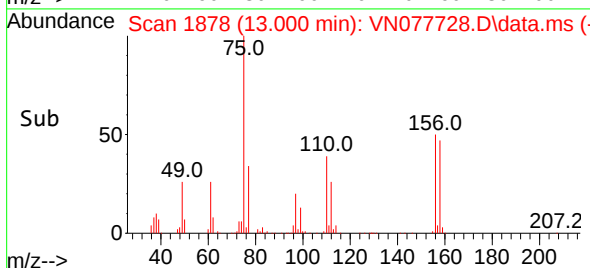
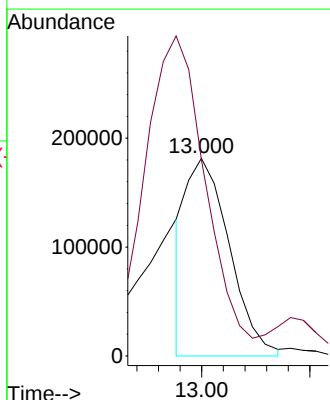
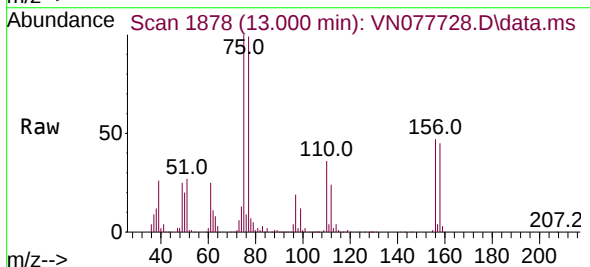
Manual Integrations
APPROVED

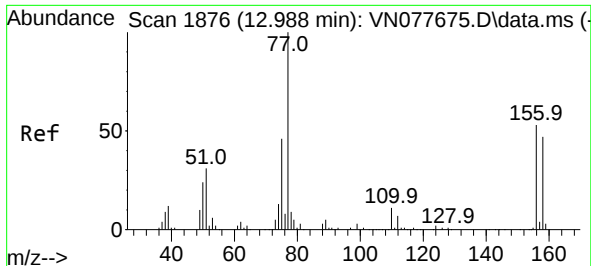
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#76
1,2,3-Trichloropropane
Concen: 33.445 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

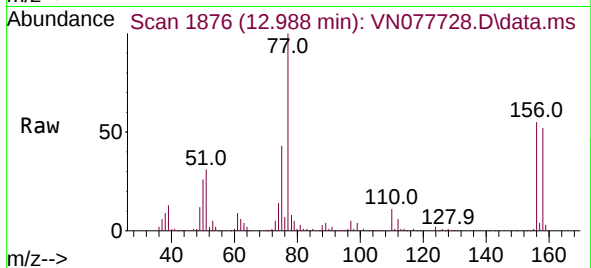
Tgt Ion: 75 Resp: 252914
Ion Ratio Lower Upper
75 100
77 230.3 84.5 253.5





#77
Bromobenzene
Concen: 46.830 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

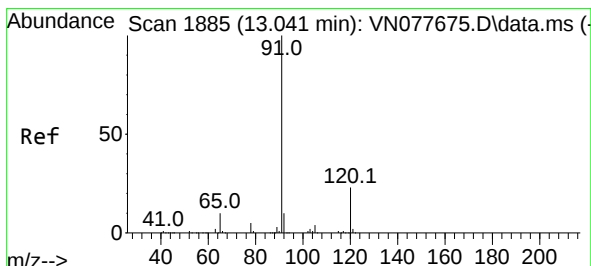
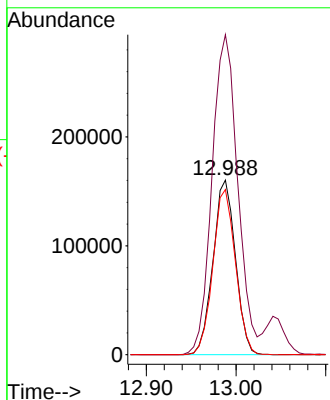
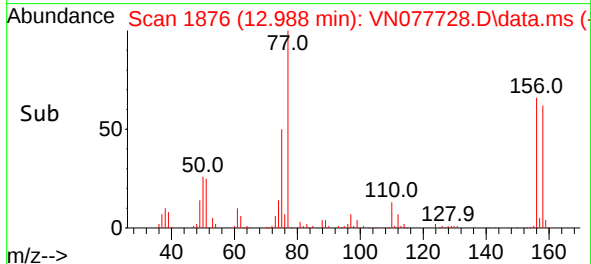
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 27817
Ion Ratio Lower Upper
156 100
77 209.4 107.7 323.3
158 95.2 48.4 145.3

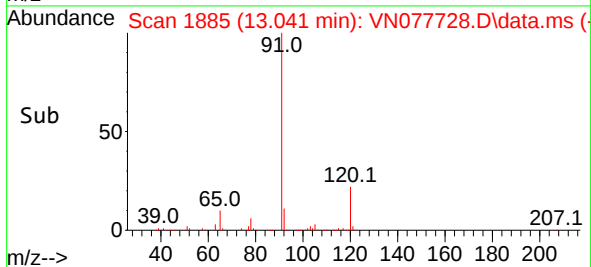
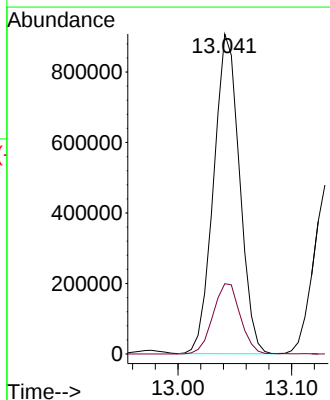
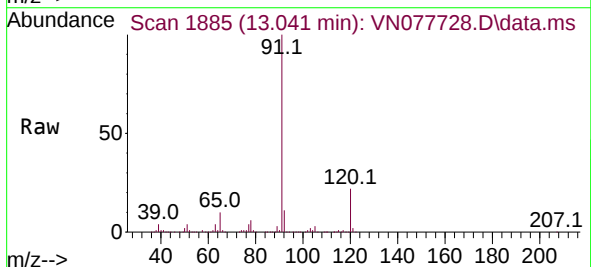
Manual Integrations
APPROVED

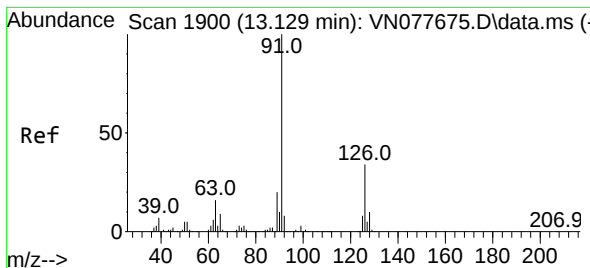
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#78
n-propylbenzene
Concen: 46.868 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion: 91 Resp: 1438234
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 46.924 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 91 Resp: 85924

Ion Ratio Lower Upper

91 100

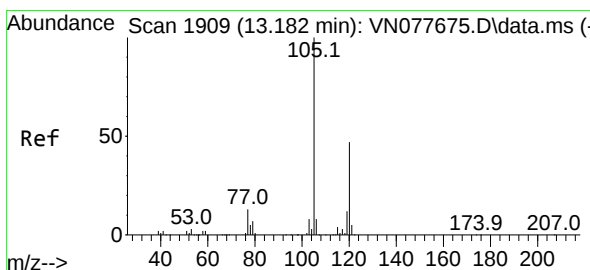
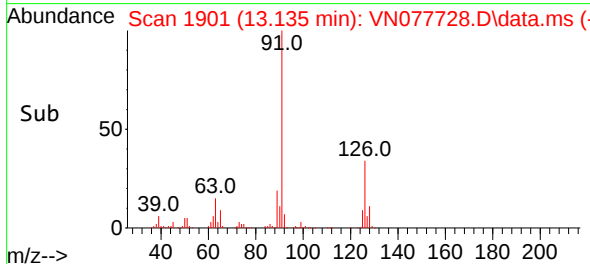
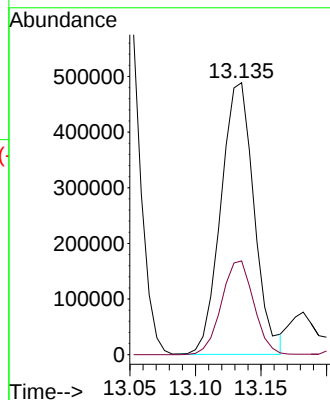
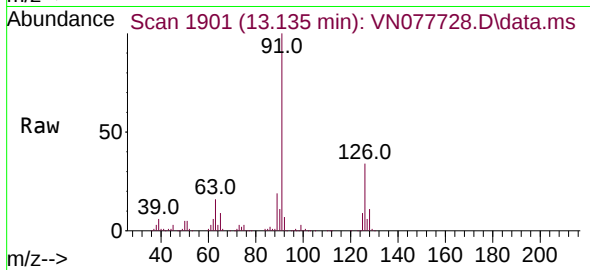
126 33.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.379 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077728.D

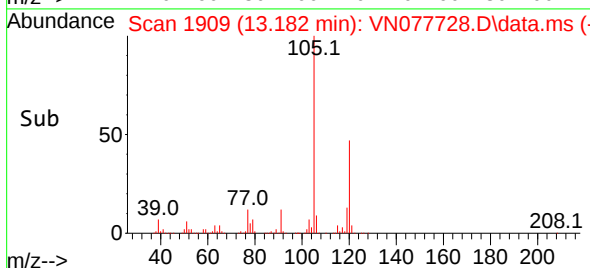
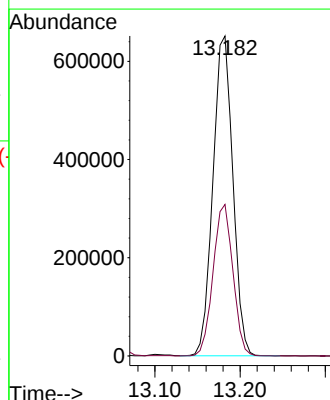
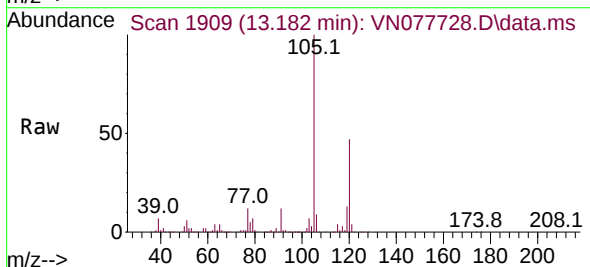
Acq: 17 May 2023 20:53

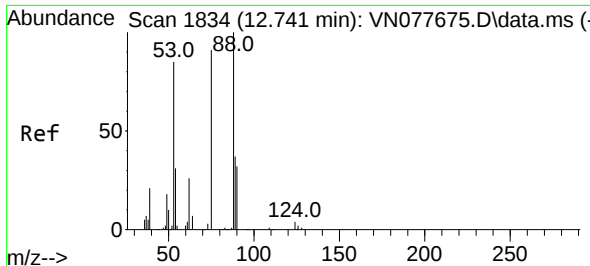
Tgt Ion:105 Resp: 1058371

Ion Ratio Lower Upper

105 100

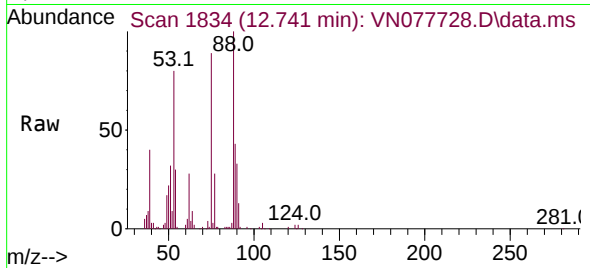
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.186 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

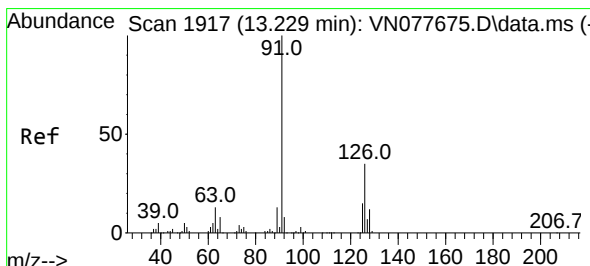
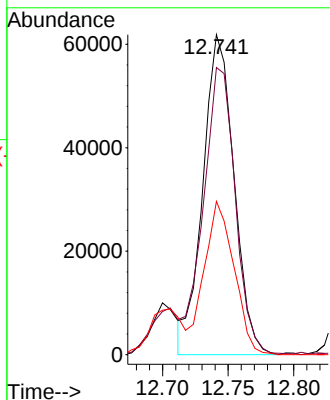
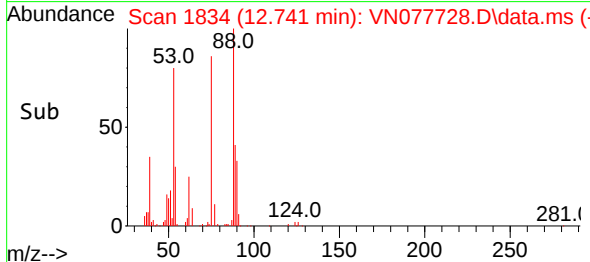
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



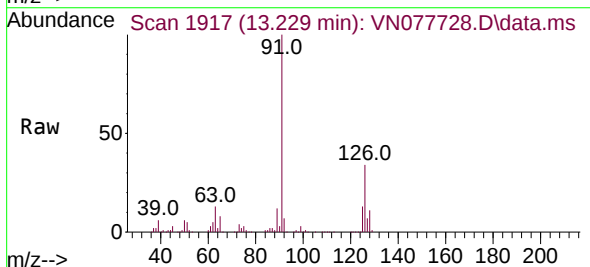
Tgt Ion: 75 Resp: 102168
Ion Ratio Lower Upper
75 100
53 92.1 67.4 101.2
89 46.0 38.8 58.2

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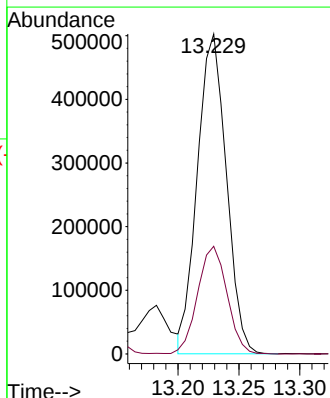
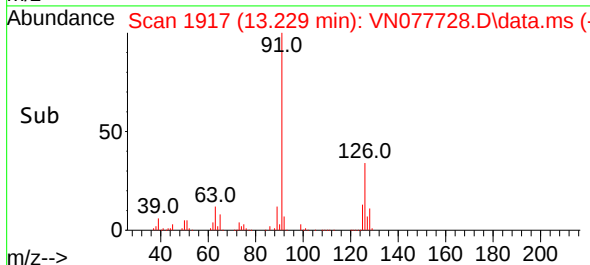
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

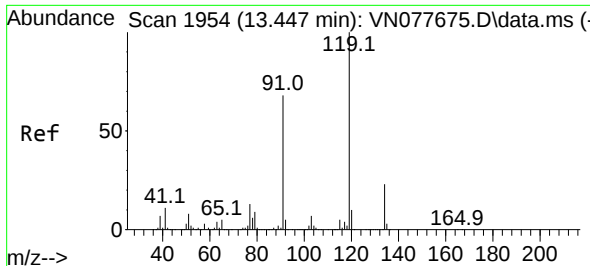


#82
4-Chlorotoluene
Concen: 45.517 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



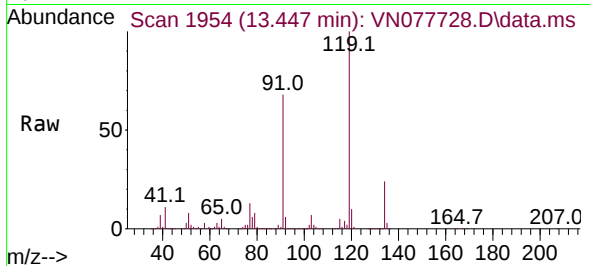
Tgt Ion: 91 Resp: 829270
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.785 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

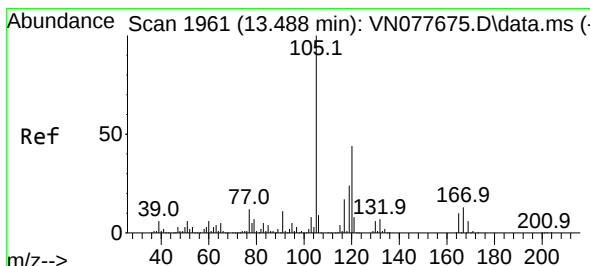
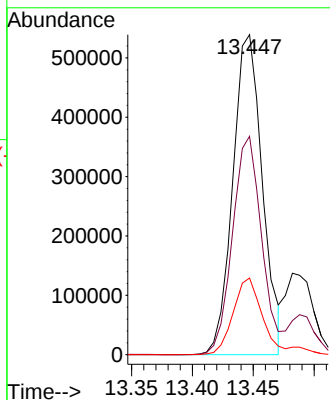
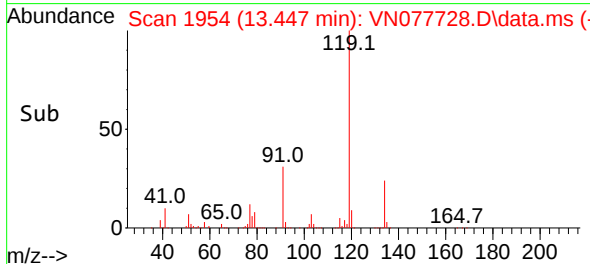
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



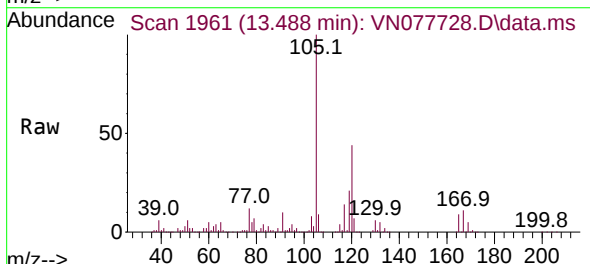
Tgt Ion:119 Resp: 912590
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 24.9 13.2 39.6

Manual Integrations
APPROVED

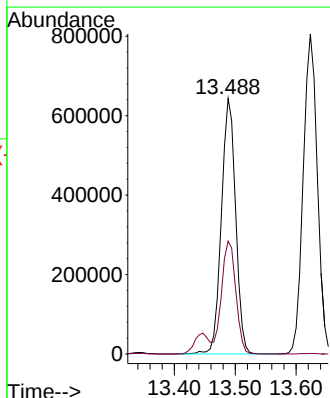
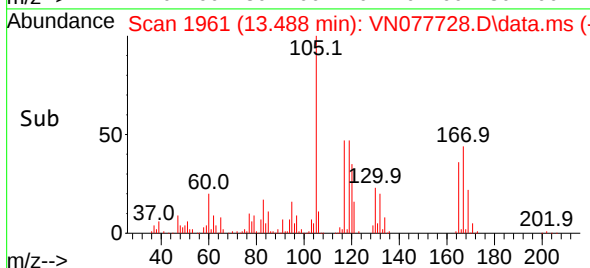
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023

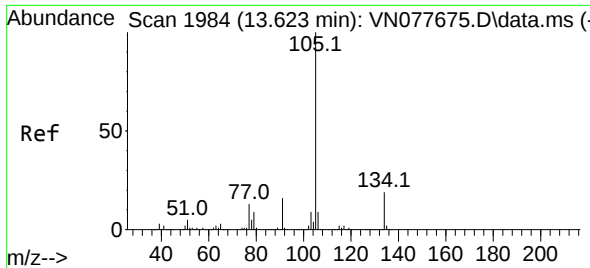


#84
1,2,4-Trimethylbenzene
Concen: 48.522 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



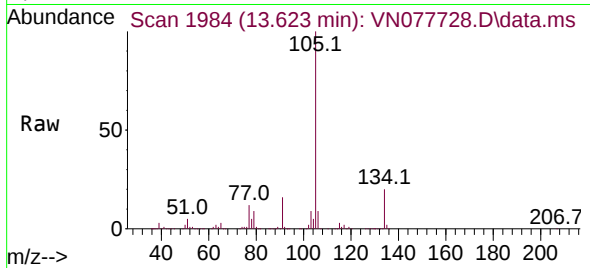
Tgt Ion:105 Resp: 1043953
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.697 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077728.D
 Acq: 17 May 2023 20:53

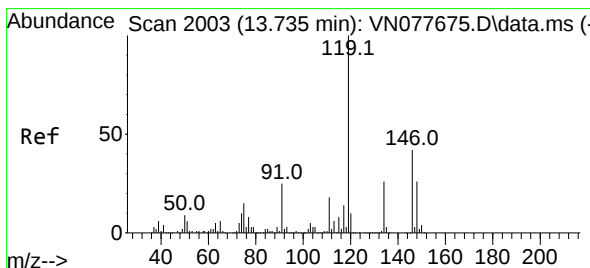
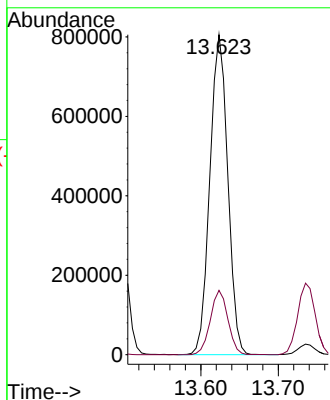
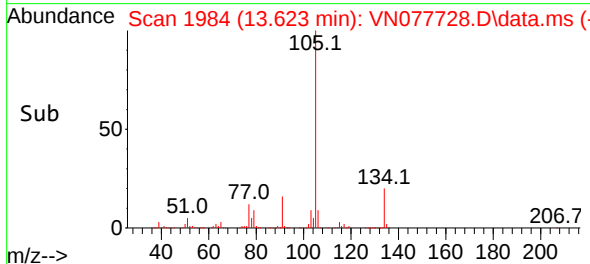
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



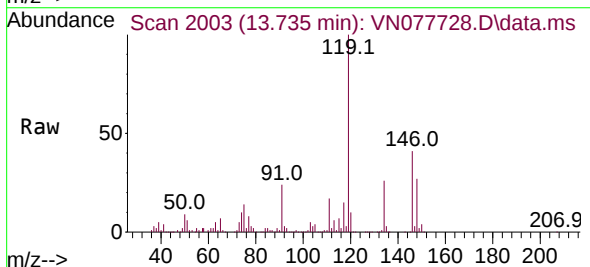
Tgt Ion:105 Resp: 1294588
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
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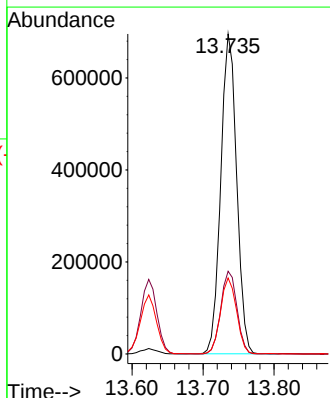
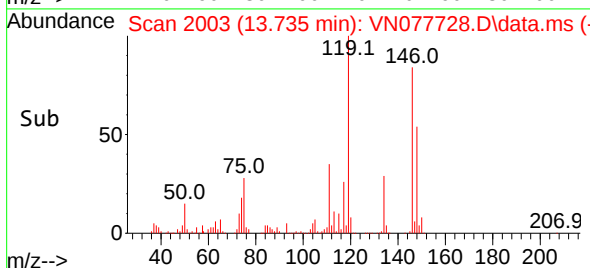
Reviewed By :John Carlone 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

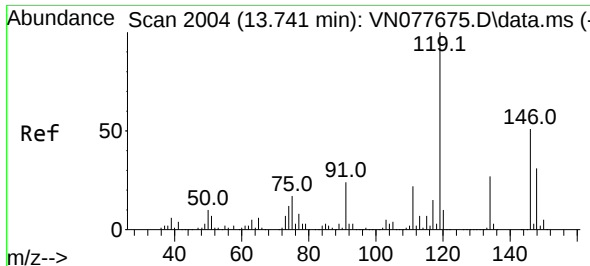


#86
 p-Isopropyltoluene
 Concen: 49.742 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077728.D
 Acq: 17 May 2023 20:53



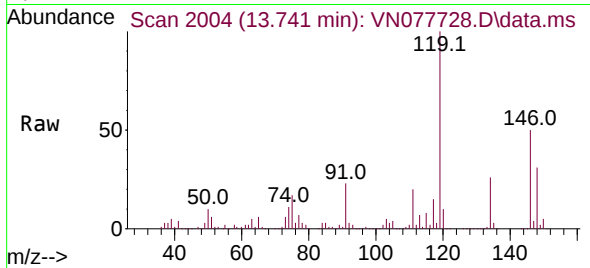
Tgt Ion:119 Resp: 1076329
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.275 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

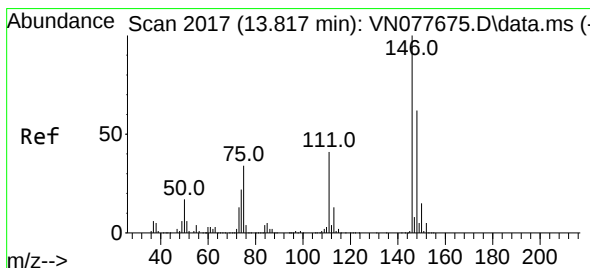
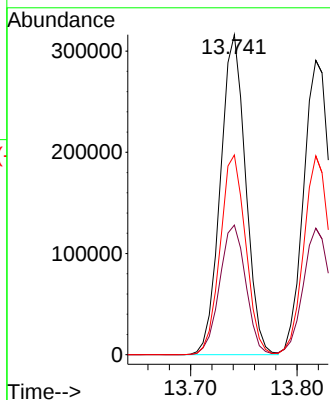
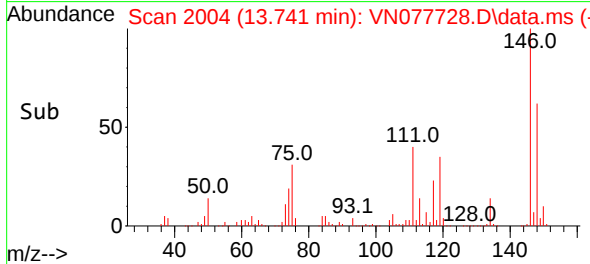
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 519324
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.3
148 63.0 32.0 96.0

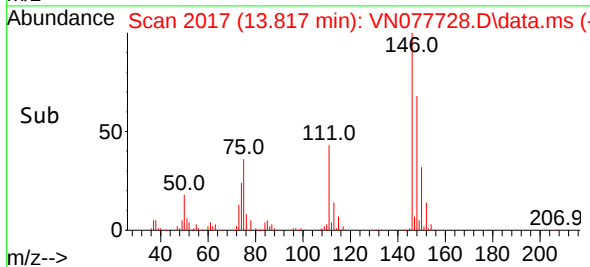
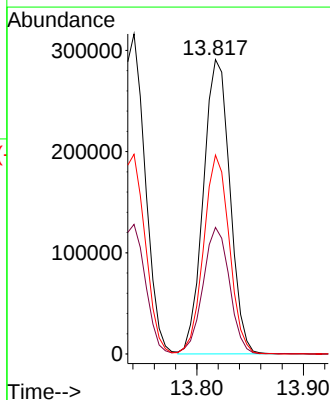
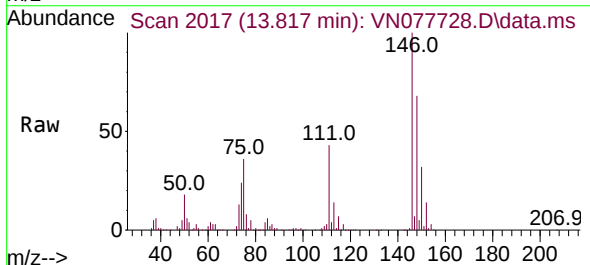
Manual Integrations
APPROVED

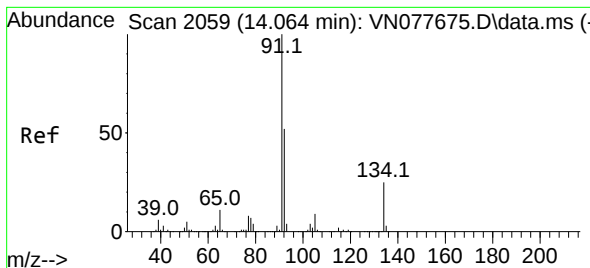
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#88
1,4-Dichlorobenzene
Concen: 46.204 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion:146 Resp: 503668
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.8
148 65.5 31.6 94.8





#89

n-Butylbenzene

Concen: 45.983 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

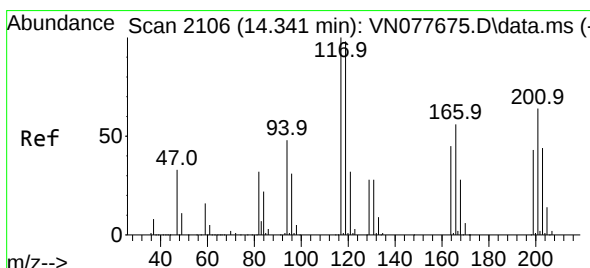
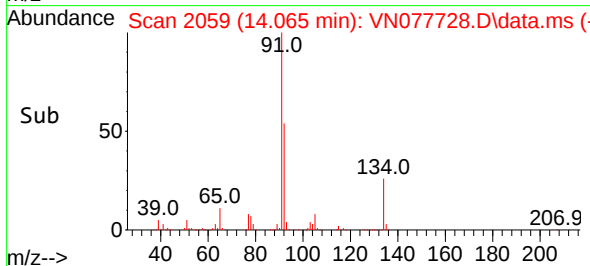
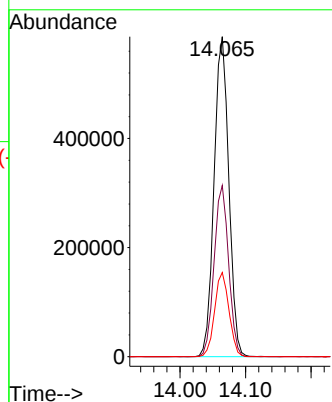
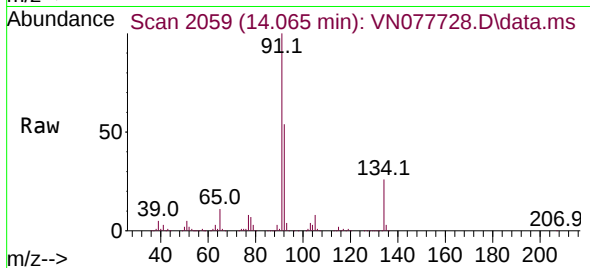
Tgt Ion:	91	Resp:	91516
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.4	79.0
134	25.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#90

Hexachloroethane

Concen: 49.823 ug/l

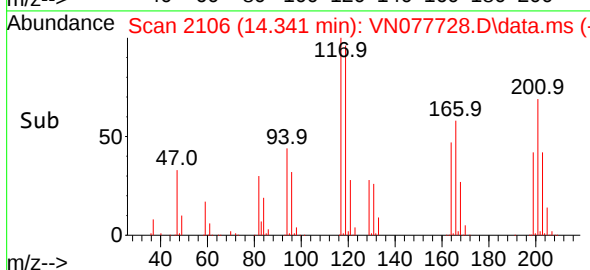
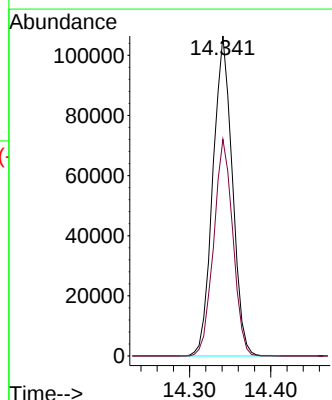
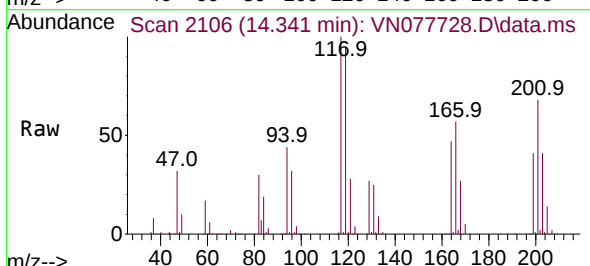
RT: 14.341 min Scan# 2106

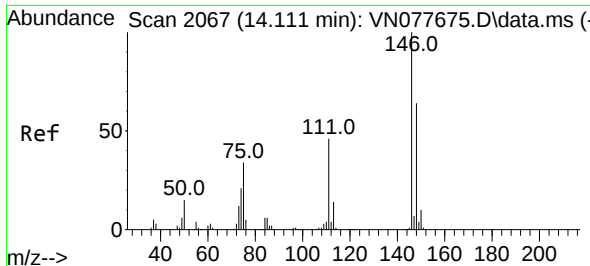
Delta R.T. -0.000 min

Lab File: VN077728.D

Acq: 17 May 2023 20:53

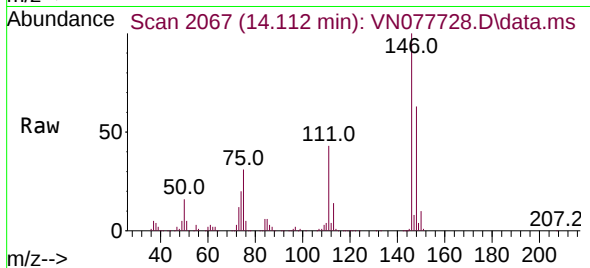
Tgt Ion:	117	Resp:	177105
Ion Ratio	Lower	Upper	
117	100		
201	66.6	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 49.722 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

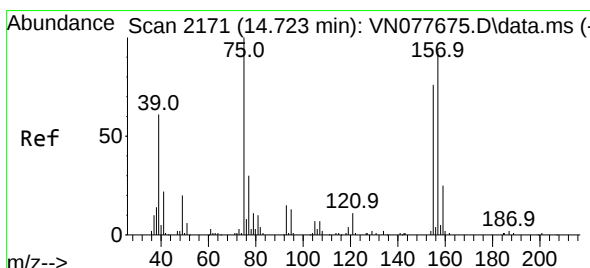
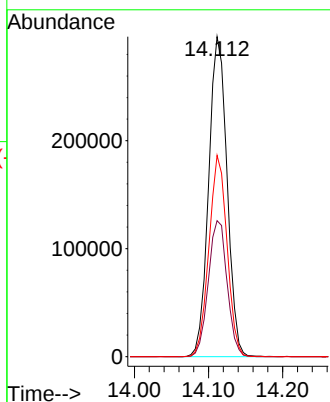
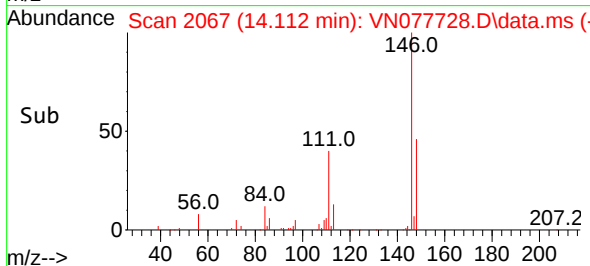
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 510270
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 61.9 31.8 95.3

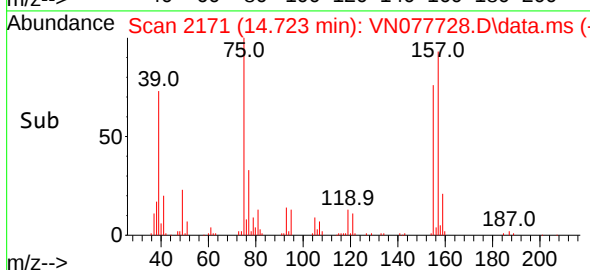
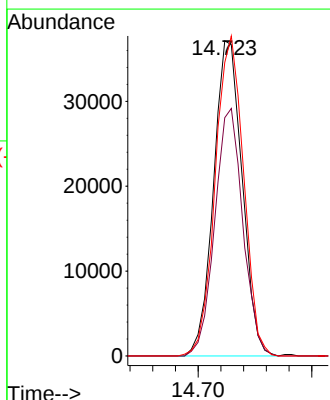
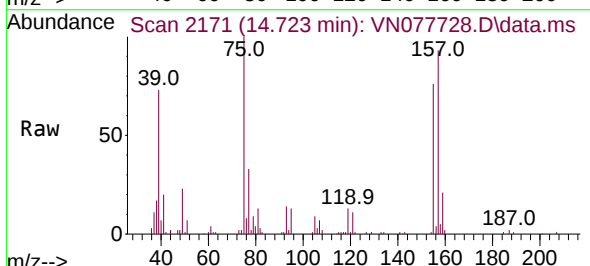
Manual Integrations
APPROVED

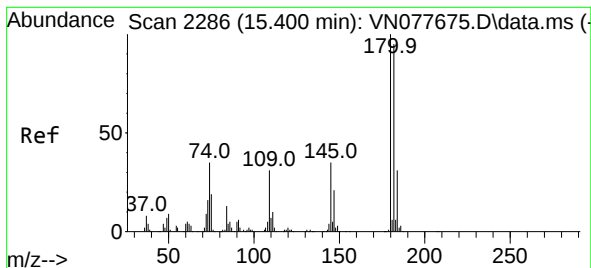
Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.818 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

Tgt Ion: 75 Resp: 64829
Ion Ratio Lower Upper
75 100
155 77.2 39.1 117.2
157 100.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.762 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077728.D

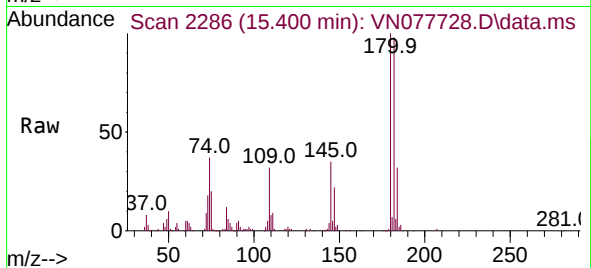
Acq: 17 May 2023 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 26244

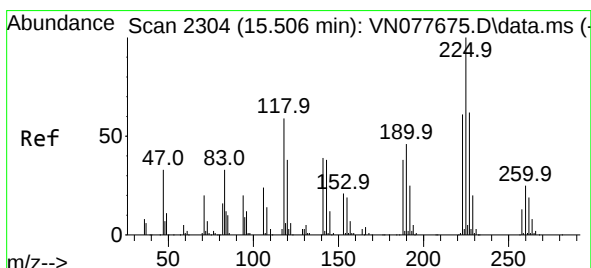
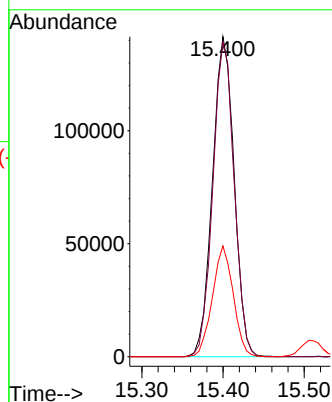
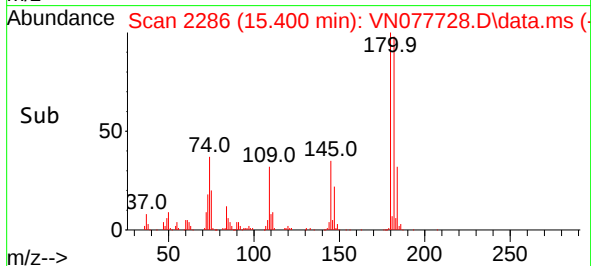
Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.1	138.2
145	33.3	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2023

Supervised By :Mahesh Dadoda 05/18/2023



#94

Hexachlorobutadiene

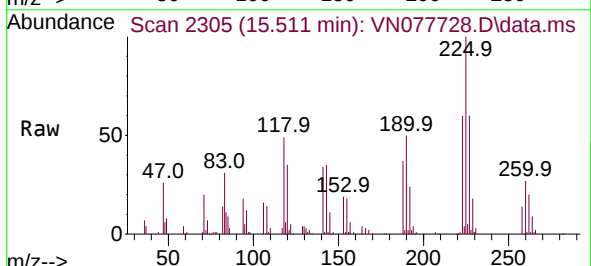
Concen: 45.129 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

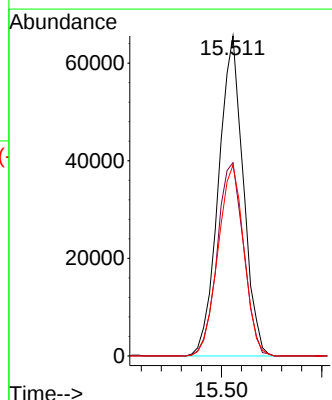
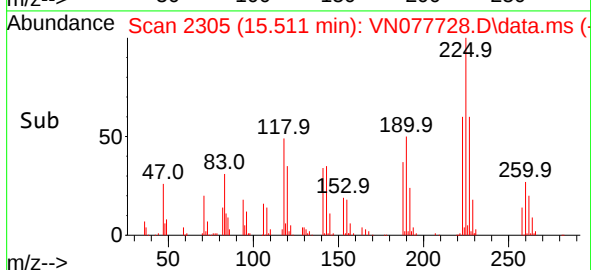
Lab File: VN077728.D

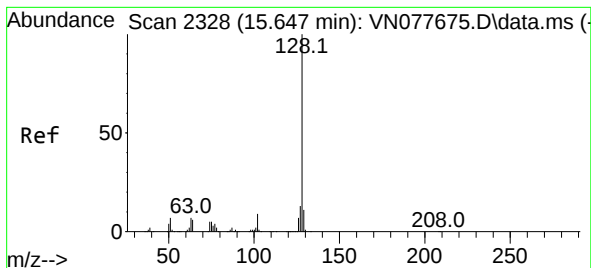
Acq: 17 May 2023 20:53



Tgt Ion:225 Resp: 112370

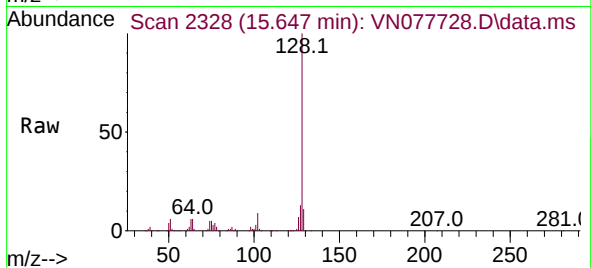
Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.3	93.8
227	62.5	31.9	95.9





#95
Naphthalene
Concen: 42.235 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53

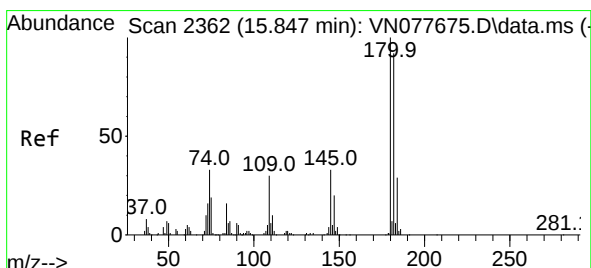
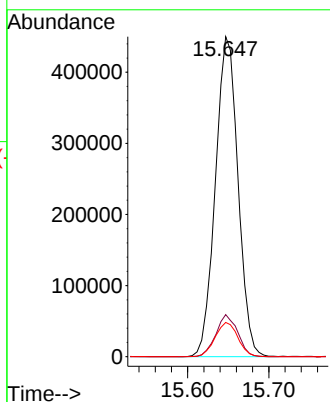
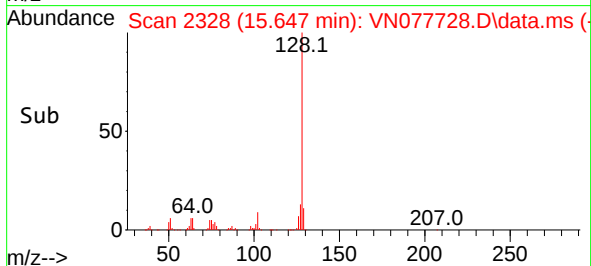
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



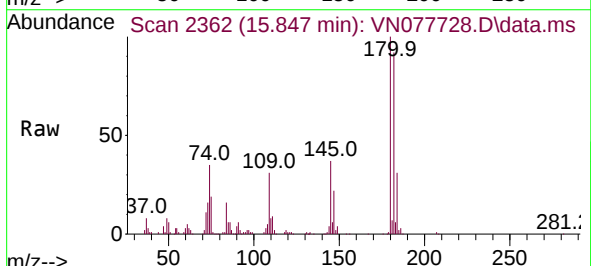
Tgt Ion:128 Resp: 871814
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2023
Supervised By :Mahesh Dadoda 05/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.773 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077728.D
Acq: 17 May 2023 20:53



Tgt Ion:180 Resp: 268768
Ion Ratio Lower Upper
180 100
182 91.4 46.2 138.6
145 35.2 17.5 52.6

