

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077778.D
 Acq On : 22 May 2023 10:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 04:17:24 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)

Internal Standards						
1) Pentafluorobenzene	8.235	168	435599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	763006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	666813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	294904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	300834	46.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.320%		
35) Dibromofluoromethane	8.171	113	257988	51.852	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.700%		
50) Toluene-d8	10.571	98	969419	50.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.240%		
62) 4-Bromofluorobenzene	12.853	95	332820	49.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	218729	44.122	ug/l	99
3) Chloromethane	2.371	50	214838	40.535	ug/l	99
4) Vinyl Chloride	2.524	62	263903	42.223	ug/l	100
5) Bromomethane	2.965	94	188665	40.814	ug/l	97
6) Chloroethane	3.136	64	180627	40.100	ug/l	95
7) Trichlorofluoromethane	3.512	101	414454	47.581	ug/l	97
8) Diethyl Ether	3.965	74	146238	45.988	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	239236	49.629	ug/l	99
10) Methyl Iodide	4.600	142	303008	52.708	ug/l	98
11) Tert butyl alcohol	5.524	59	199721	222.035	ug/l	100
12) 1,1-Dichloroethene	4.347	96	214481	46.814	ug/l	91
13) Acrolein	4.195	56	145486	261.281	ug/l	96
14) Allyl chloride	5.036	41	299279	44.466	ug/l	96
15) Acrylonitrile	5.724	53	526079	218.914	ug/l	98
16) Acetone	4.436	43	473290	230.812	ug/l	97
17) Carbon Disulfide	4.724	76	508857	41.221	ug/l	99
18) Methyl Acetate	5.036	43	382317	44.443	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	775526	46.765	ug/l	97
20) Methylene Chloride	5.294	84	260912	48.840	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	239169	46.473	ug/l	87
22) Diisopropyl ether	6.683	45	730844	46.327	ug/l	93
23) Vinyl Acetate	6.612	43	2191718	224.231	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	468116	48.434	ug/l	98
25) 2-Butanone	7.488	43	710298	221.437	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	424488	51.697	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	294651	47.750	ug/l	92
28) Bromochloromethane	7.824	49	193885	46.385	ug/l	91
29) Tetrahydrofuran	7.841	42	440766	209.853	ug/l	85
30) Chloroform	7.971	83	500978	47.121	ug/l	94
31) Cyclohexane	8.265	56	386552	43.637	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	450750	49.867	ug/l	97
36) 1,1-Dichloropropene	8.377	75	362687	49.837	ug/l	97
37) Ethyl Acetate	7.565	43	278990	43.011	ug/l	94
38) Carbon Tetrachloride	8.371	117	397821	54.135	ug/l	99
39) Methylcyclohexane	9.606	83	441461	49.550	ug/l	91
40) Benzene	8.612	78	1060293	49.372	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	152347	44.102	ug/l	92
42) 1,2-Dichloroethane	8.677	62	374226	47.971	ug/l	97
43) Isopropyl Acetate	8.694	43	490119	46.260	ug/l	96
44) Trichloroethene	9.359	130	286579	52.702	ug/l	99
45) 1,2-Dichloropropane	9.629	63	277342	50.630	ug/l	97
46) Dibromomethane	9.718	93	192340	49.070	ug/l	94
47) Bromodichloromethane	9.894	83	395191	52.662	ug/l	95
48) Methyl methacrylate	9.688	41	230455	45.878	ug/l	89
49) 1,4-Dioxane	9.700	88	92372	973.612	ug/l	90
51) 4-Methyl-2-Pentanone	10.453	43	1466031	232.787	ug/l	94
52) Toluene	10.635	92	679429	50.819	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	415750	52.317	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	449365	51.312	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	270950	51.041	ug/l	98
56) Ethyl methacrylate	10.882	69	390332	48.631	ug/l	91
57) 1,3-Dichloropropane	11.171	76	447215	49.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	855967	216.772	ug/l	94
59) 2-Hexanone	11.200	43	1052297	225.903	ug/l	92
60) Dibromochloromethane	11.365	129	309316	56.442	ug/l	98
61) 1,2-Dibromoethane	11.476	107	268617	50.722	ug/l	99
64) Tetrachloroethene	11.112	164	281106	60.282	ug/l	95
65) Chlorobenzene	11.900	112	740449	51.222	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	283254	56.630	ug/l	99
67) Ethyl Benzene	11.971	91	1334146	51.501	ug/l	99
68) m/p-Xylenes	12.076	106	1031574	105.093	ug/l	100
69) o-Xylene	12.406	106	510474	52.881	ug/l	100
70) Styrene	12.418	104	814903	53.140	ug/l	99
71) Bromoform	12.588	173	196250	58.980	ug/l #	100
73) Isopropylbenzene	12.700	105	1329249	52.290	ug/l	98
74) N-amyl acetate	12.500	43	389622	41.466	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	358840	45.885	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	318712m	43.154	ug/l	
77) Bromobenzene	12.988	156	293496	50.592	ug/l	96
78) n-propylbenzene	13.041	91	1560566	52.072	ug/l	100
79) 2-Chlorotoluene	13.135	91	907020	50.719	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	1136576	53.197	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	114366	49.499	ug/l	94
82) 4-Chlorotoluene	13.229	91	881309	49.531	ug/l	98
83) tert-Butylbenzene	13.447	119	986067	52.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1111753	52.909	ug/l	100
85) sec-Butylbenzene	13.623	105	1410647	53.217	ug/l	98
86) p-Isopropyltoluene	13.735	119	1165253	55.140	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	549160	51.187	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	533387	50.102	ug/l	99
89) n-Butylbenzene	14.064	91	1010771	52.002	ug/l	98
90) Hexachloroethane	14.341	117	204506	58.908	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	534713	53.351	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	65576	43.312	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	258751	44.179	ug/l	98
94) Hexachlorobutadiene	15.506	225	134968	55.502	ug/l	97
95) Naphthalene	15.647	128	754968	37.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	260248	45.383	ug/l	98

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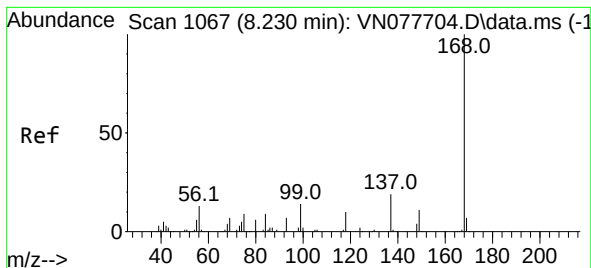
Manual Integrations
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Supervised By :Mahesh Dadoda 05/23/2023

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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: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN077778.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 435599

Ion Ratio Lower Upper

168 100

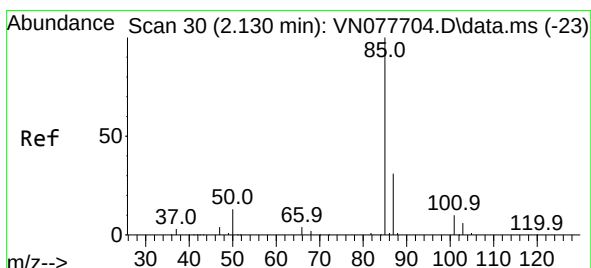
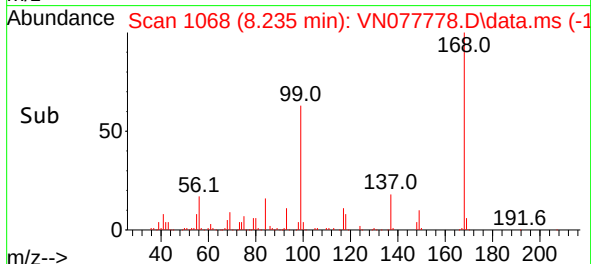
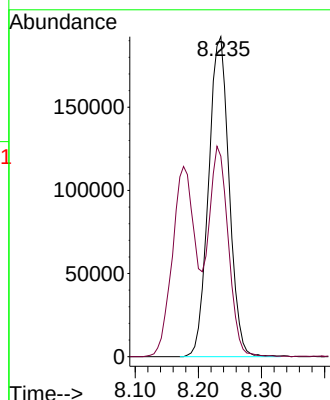
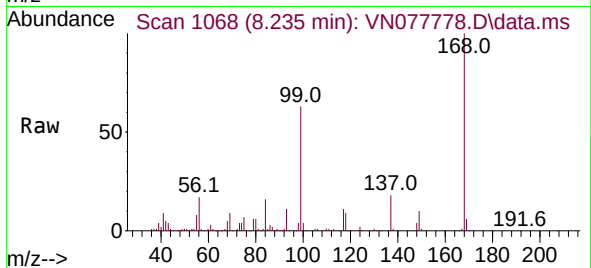
99 62.5 53.0 79.6

Manual Integrations

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Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#2

Dichlorodifluoromethane

Concen: 44.122 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077778.D

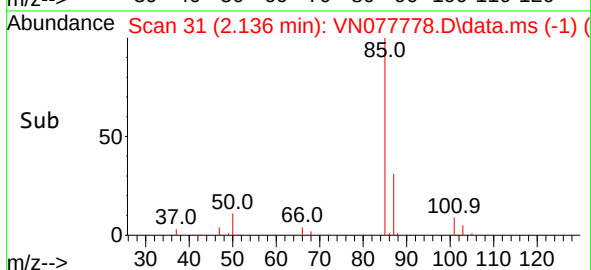
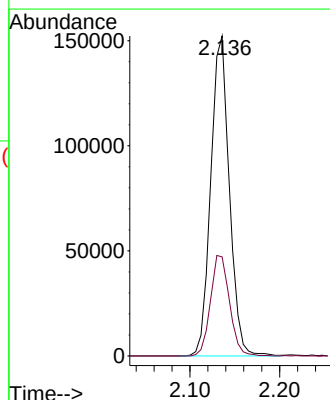
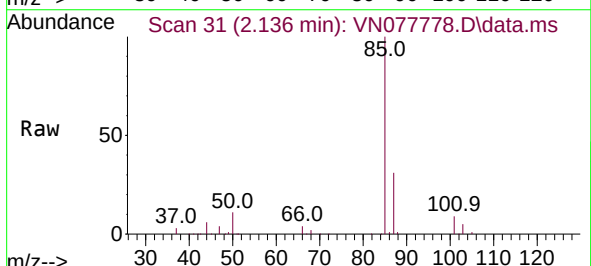
Acq: 22 May 2023 10:19

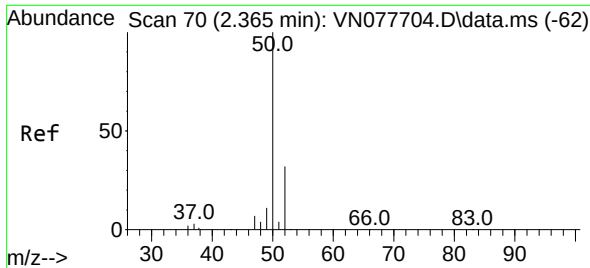
Tgt Ion: 85 Resp: 218729

Ion Ratio Lower Upper

85 100

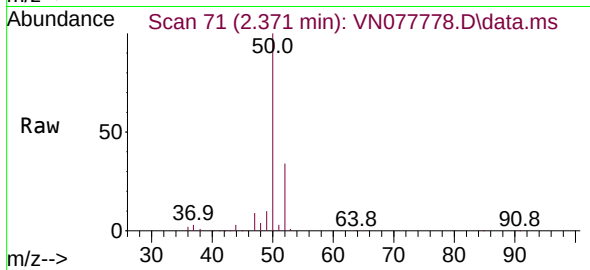
87 31.0 15.8 47.4





#3
Chloromethane
Concen: 40.535 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

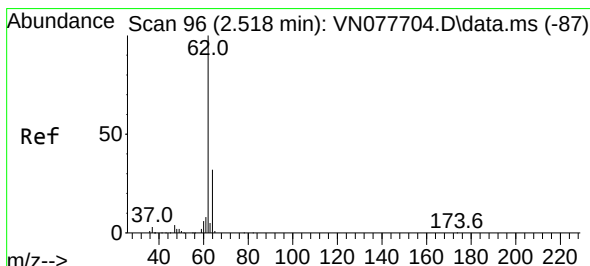
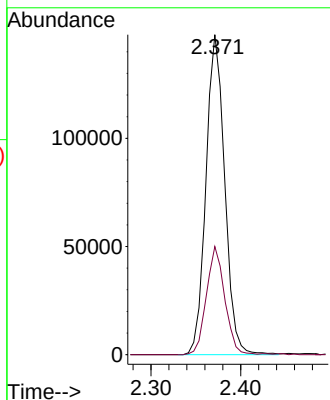
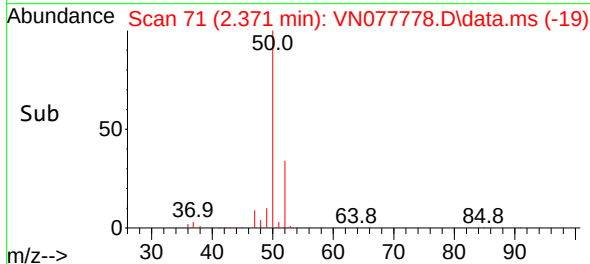
Instrument :
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Tgt Ion: 50 Resp: 214838
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7

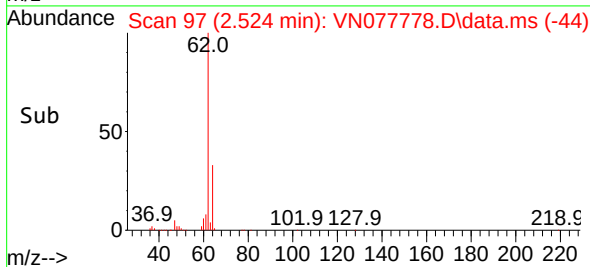
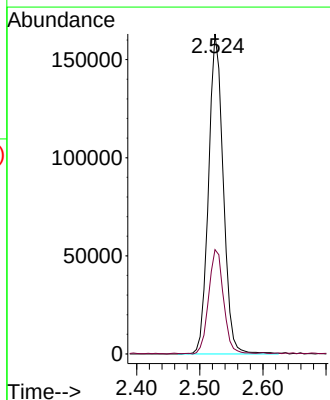
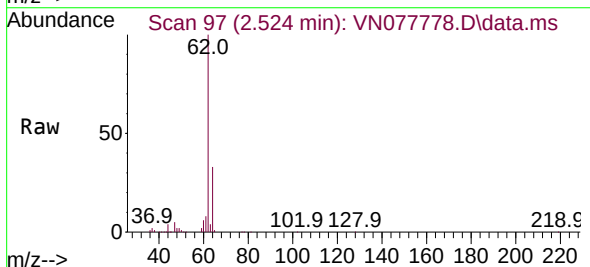
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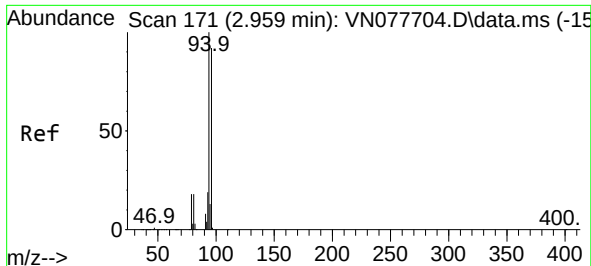
Reviewed By :John Carlone 05/23/2023
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#4
Vinyl Chloride
Concen: 42.223 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

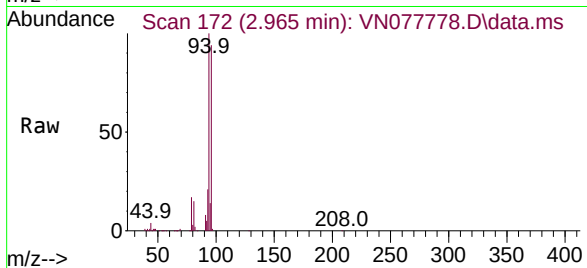
Tgt Ion: 62 Resp: 263903
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.2





#5
Bromomethane
Concen: 40.814 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

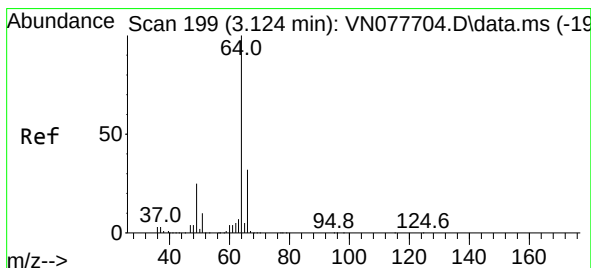
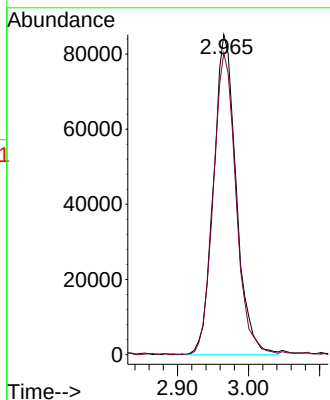
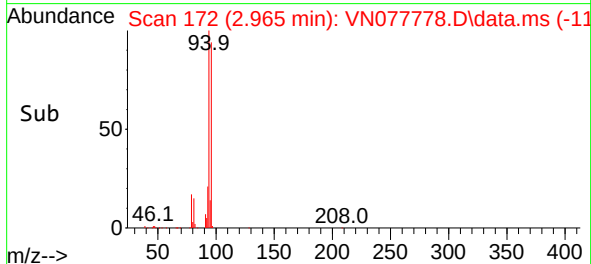
Instrument :
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Tgt Ion: 94 Resp: 18866
Ion Ratio Lower Upper
94 100
96 94.1 73.1 109.7

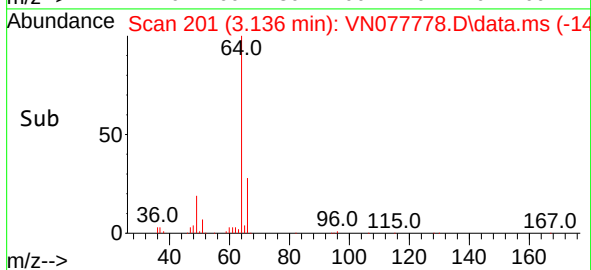
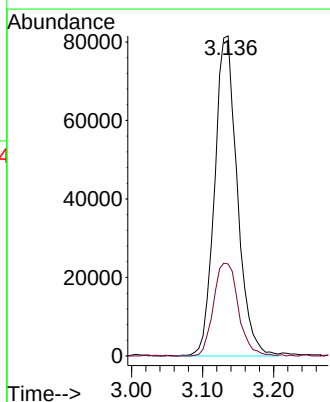
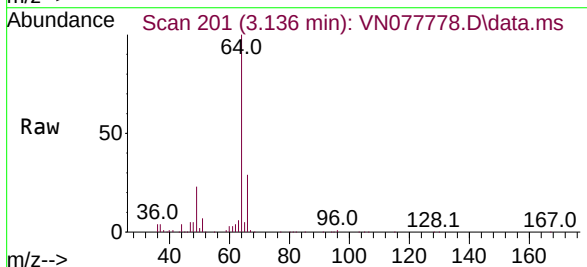
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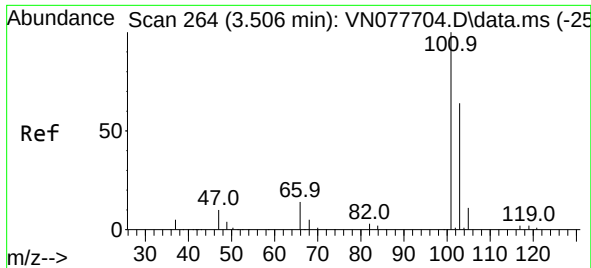
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#6
Chloroethane
Concen: 40.100 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077778.D
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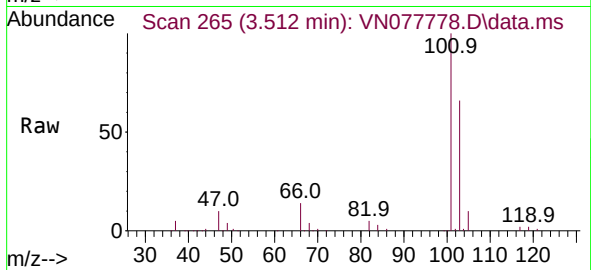
Tgt Ion: 64 Resp: 180627
Ion Ratio Lower Upper
64 100
66 28.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.581 ug/l
RT: 3.512 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077778.D
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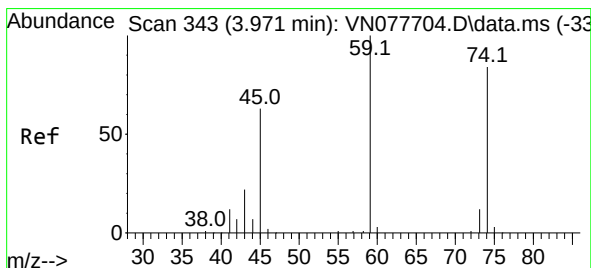
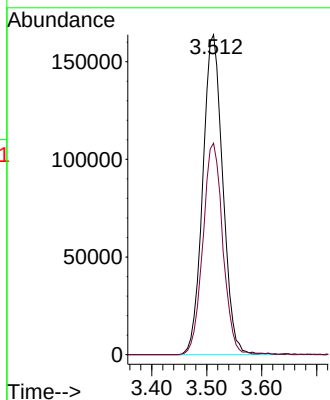
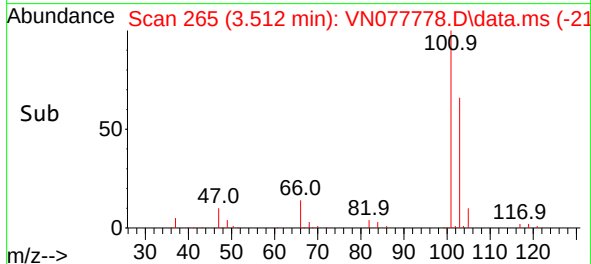
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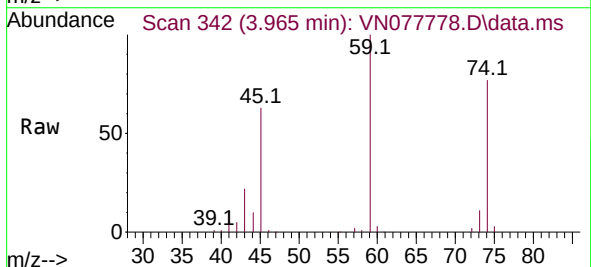
Tgt Ion:101 Resp: 414454
Ion Ratio Lower Upper
101 100
103 66.1 50.7 76.1

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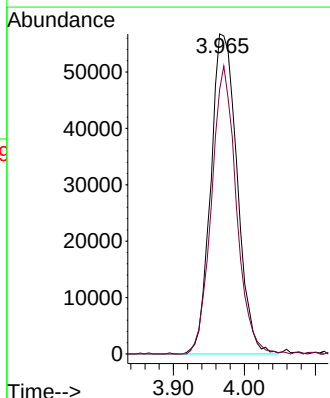
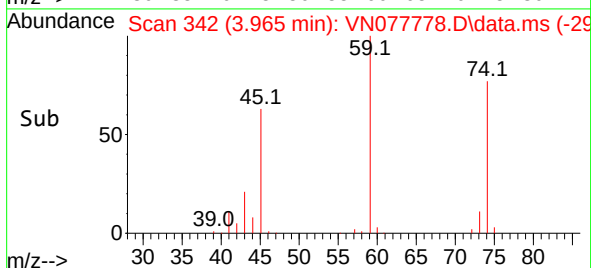
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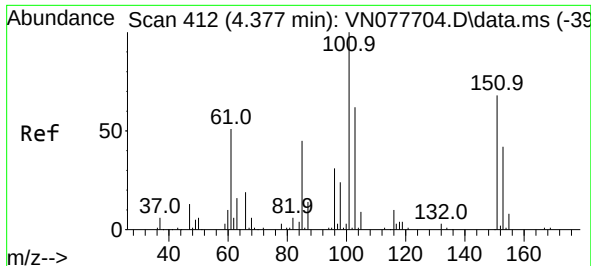


#8
Diethyl Ether
Concen: 45.988 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Acq: 22 May 2023 10:19



Tgt Ion: 74 Resp: 146238
Ion Ratio Lower Upper
74 100
45 84.5 34.4 103.3





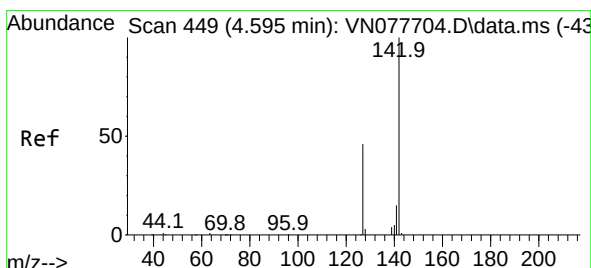
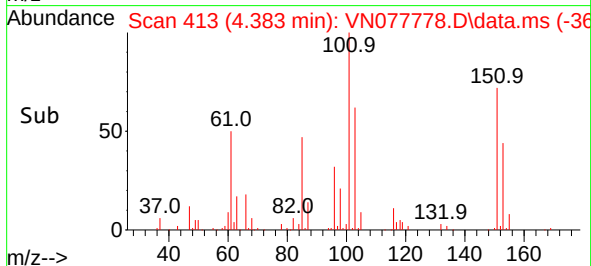
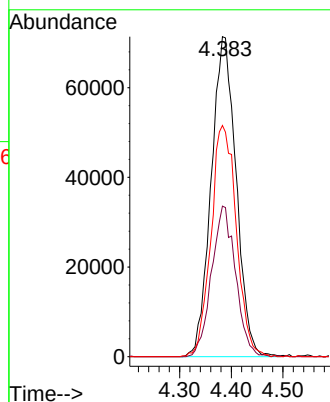
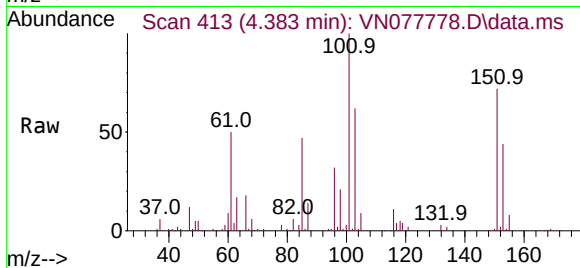
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1,1,2-Trichlorotrifluoroethane
Concen: 49.629 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 239230
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 73.5 57.6 86.4

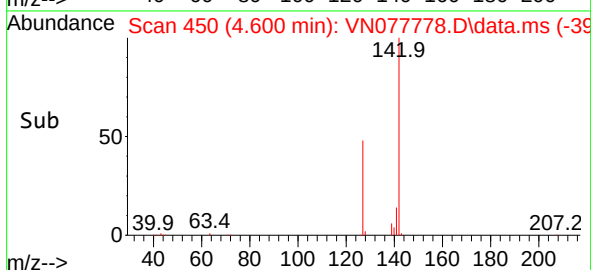
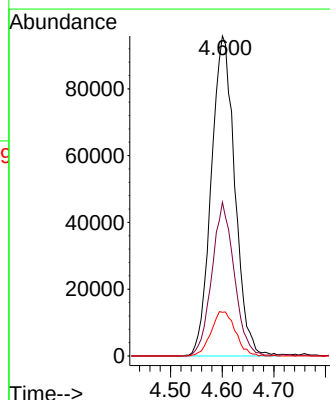
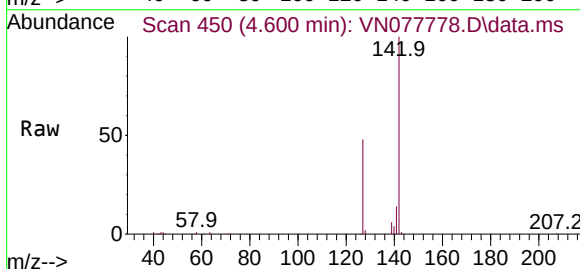
Manual Integrations
APPROVED

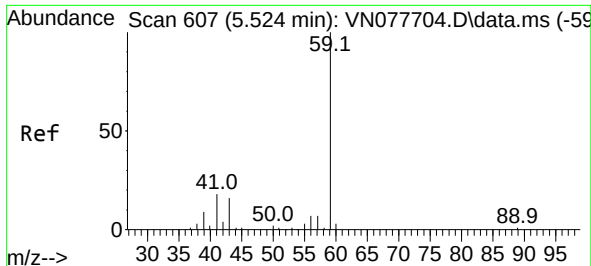
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#10
Methyl Iodide
Concen: 52.708 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

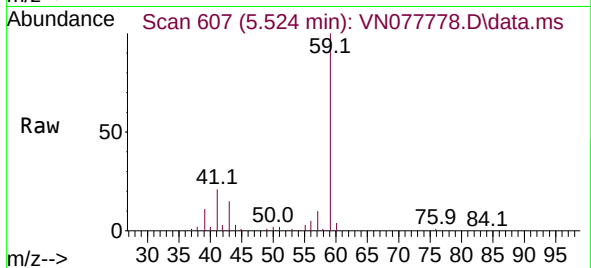
Tgt Ion:142 Resp: 303008
Ion Ratio Lower Upper
142 100
127 48.0 37.6 56.4
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 222.035 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

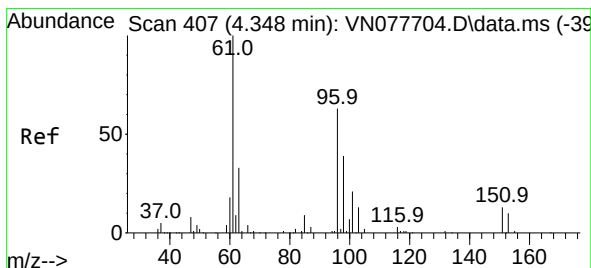
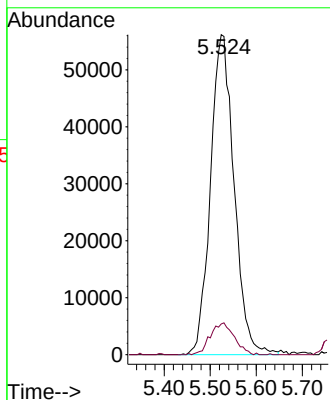
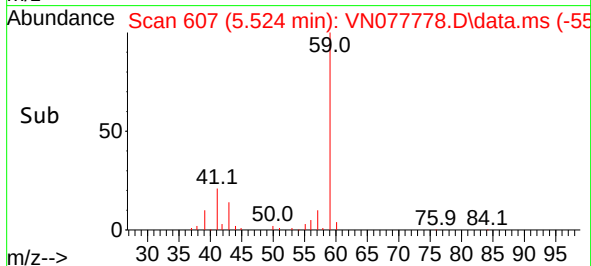
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



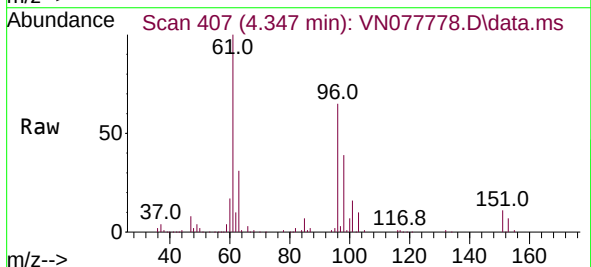
Tgt Ion: 59 Resp: 19972
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

Manual Integrations
APPROVED

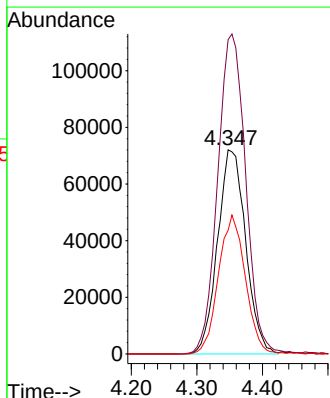
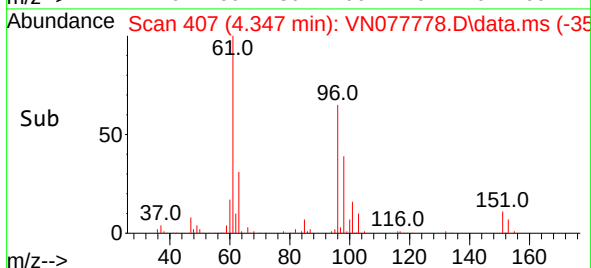
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

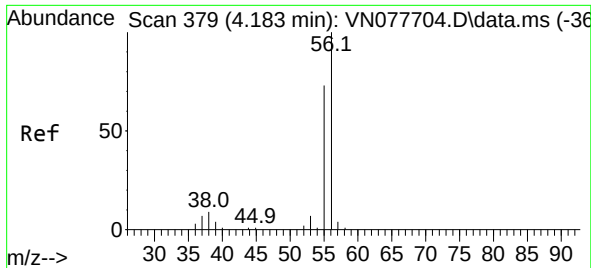


#12
1,1-Dichloroethene
Concen: 46.814 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



Tgt Ion: 96 Resp: 214481
Ion Ratio Lower Upper
96 100
61 153.9 112.7 169.1
98 60.5 51.2 76.8





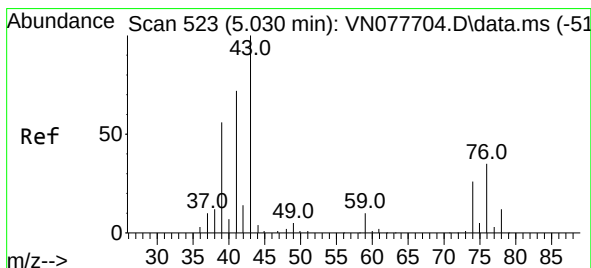
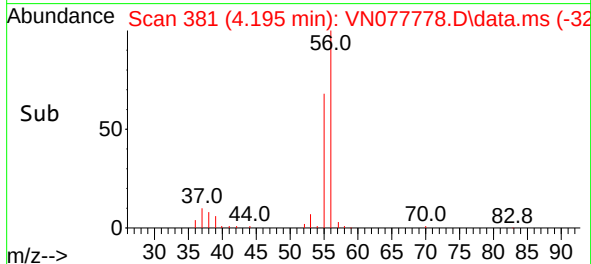
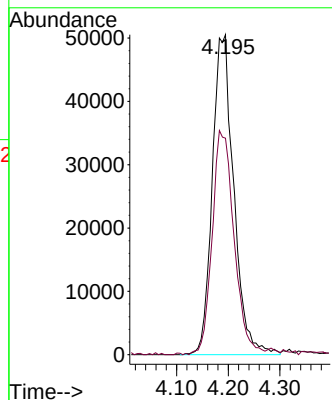
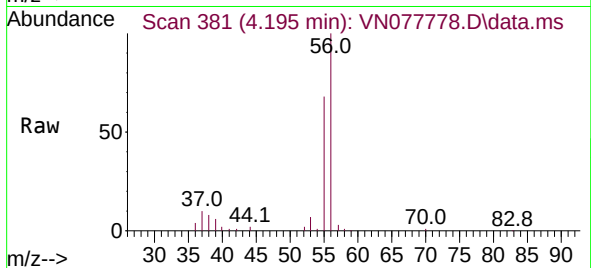
#13
Acrolein
Concen: 261.281 ug/l
RT: 4.195 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 145486
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

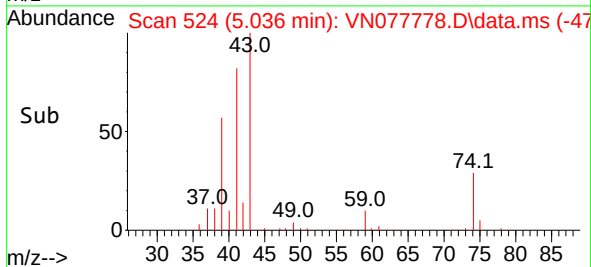
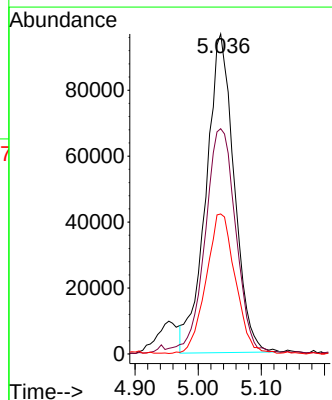
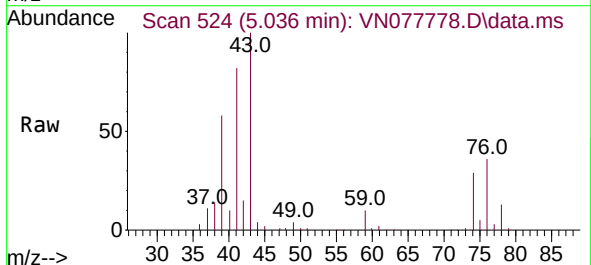
Manual Integrations
APPROVED

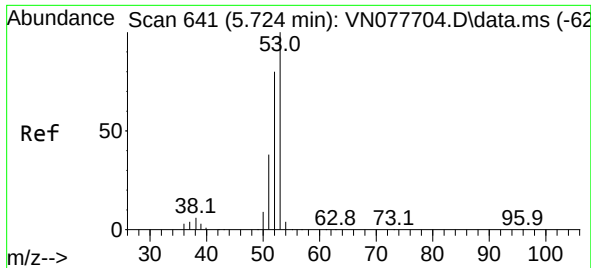
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 44.466 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

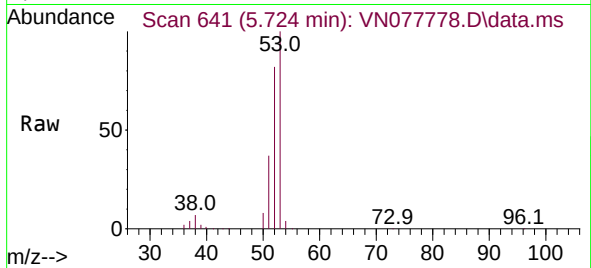
Tgt Ion: 41 Resp: 299279
Ion Ratio Lower Upper
41 100
39 76.1 58.8 88.2
76 45.3 39.1 58.7





#15
Acrylonitrile
Concen: 218.914 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

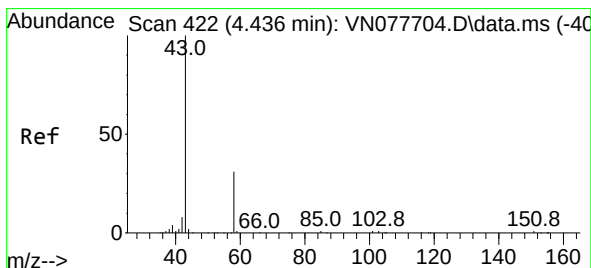
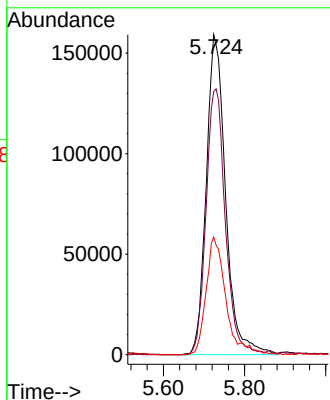
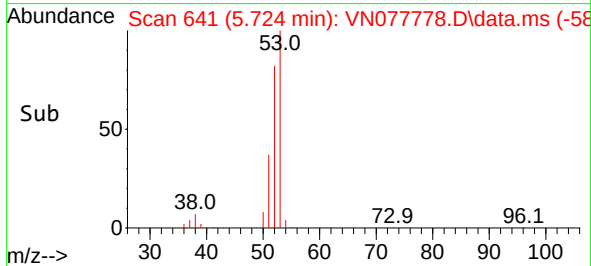
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



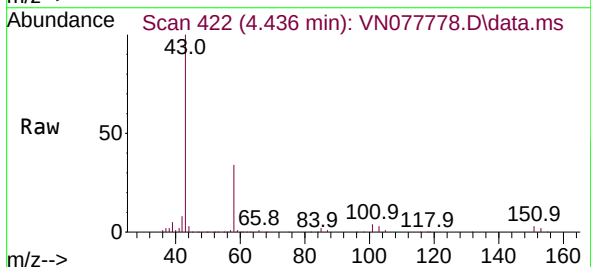
Tgt Ion: 53 Resp: 526079
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 37.5 28.9 43.3

Manual Integrations
APPROVED

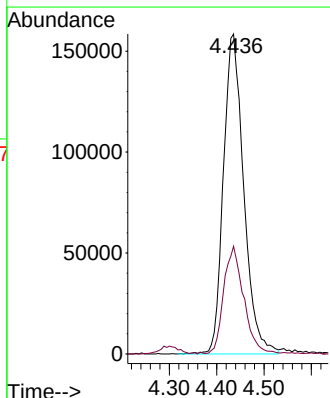
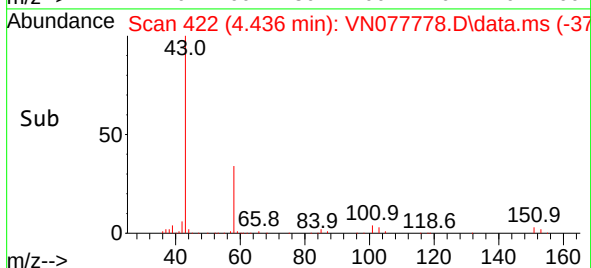
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

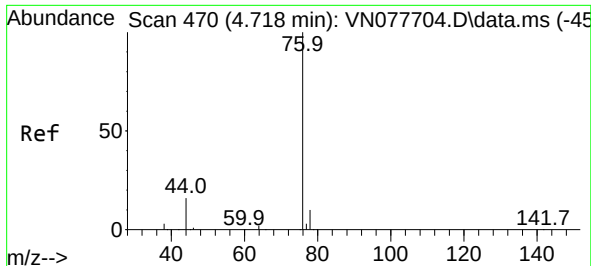


#16
Acetone
Concen: 230.812 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



Tgt Ion: 43 Resp: 473290
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0





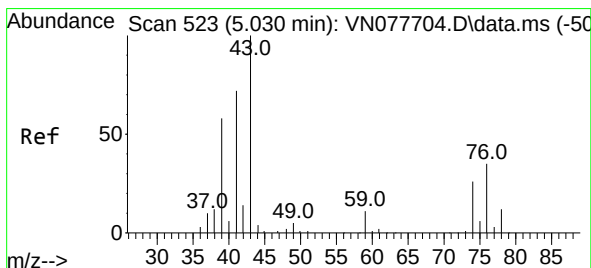
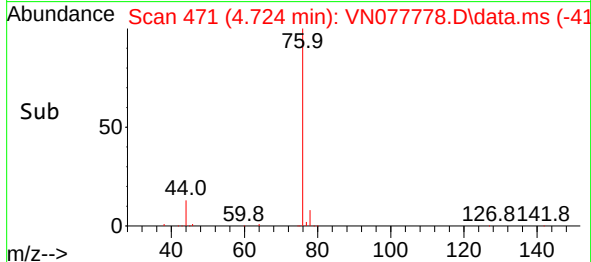
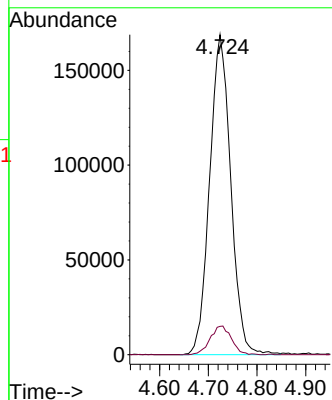
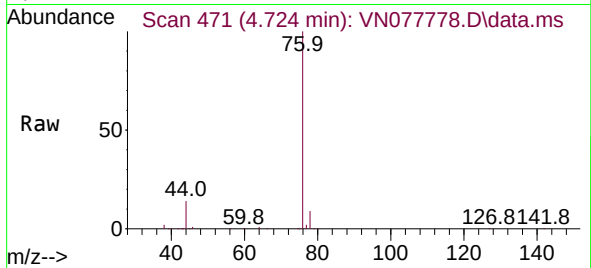
#17
Carbon Disulfide
Concen: 41.221 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 50885
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

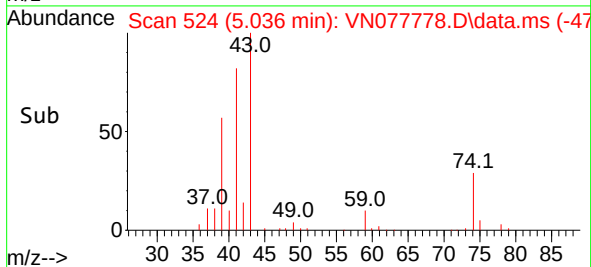
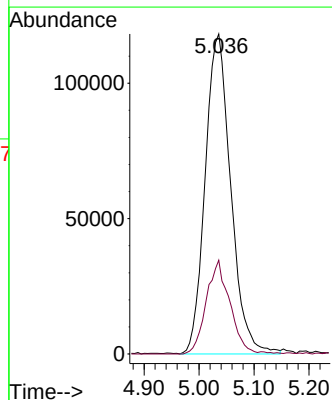
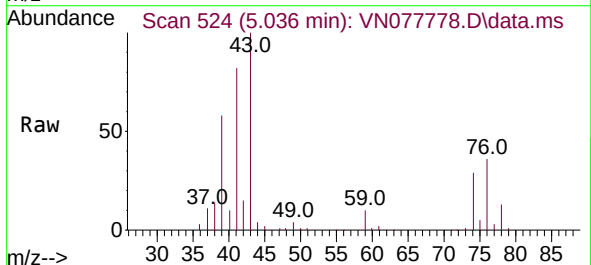
Manual Integrations
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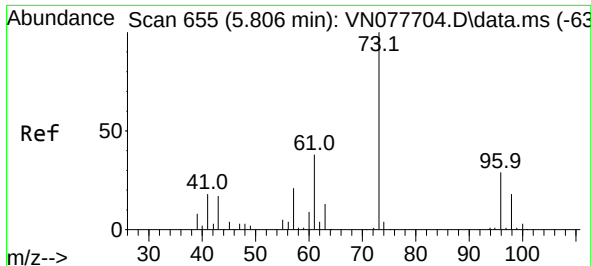
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 44.443 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 43 Resp: 382317
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4





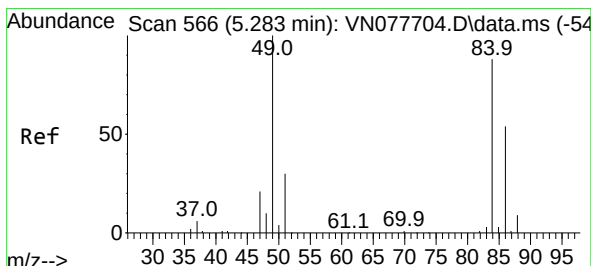
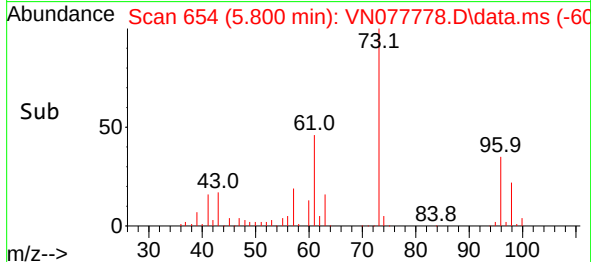
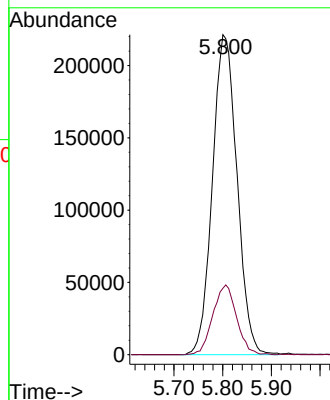
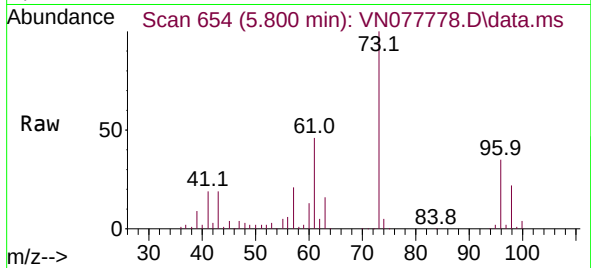
#19
Methyl tert-butyl Ether
Concen: 46.765 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 775520
Ion Ratio Lower Upper
73 100
57 20.7 15.6 23.4

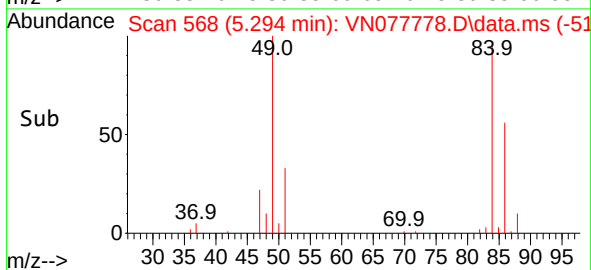
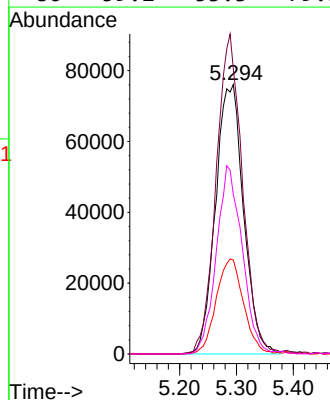
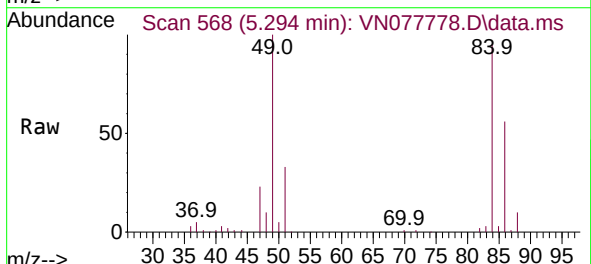
Manual Integrations
APPROVED

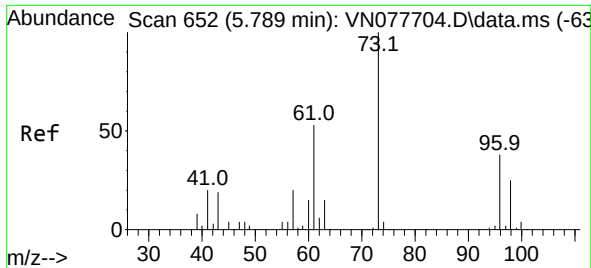
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 48.840 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.011 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

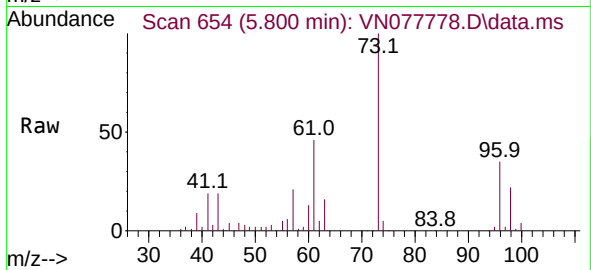
Tgt Ion: 84 Resp: 260912
Ion Ratio Lower Upper
84 100
49 105.8 79.7 119.5
51 34.9 25.2 37.8
86 59.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 46.473 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

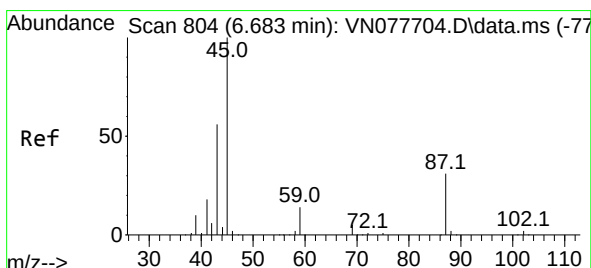
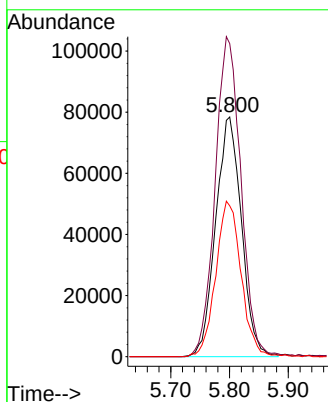
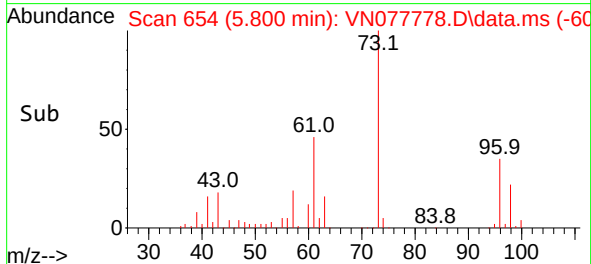
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 239169
Ion Ratio Lower Upper
96 100
61 130.7 90.1 135.1
98 62.9 46.4 69.6

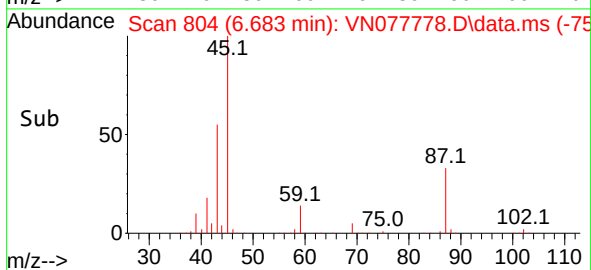
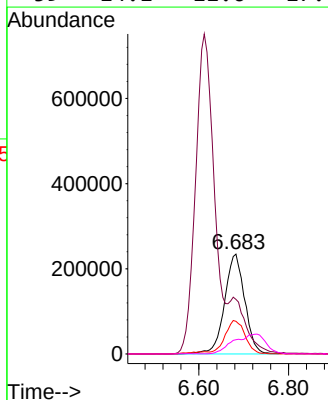
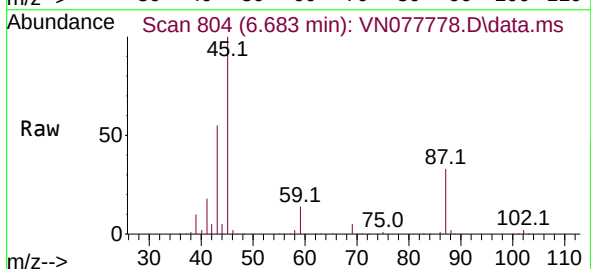
Manual Integrations
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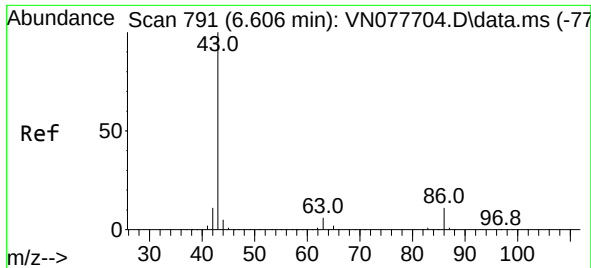
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 46.327 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 45 Resp: 730844
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 32.5 31.8 47.8
59 14.1 11.6 17.4





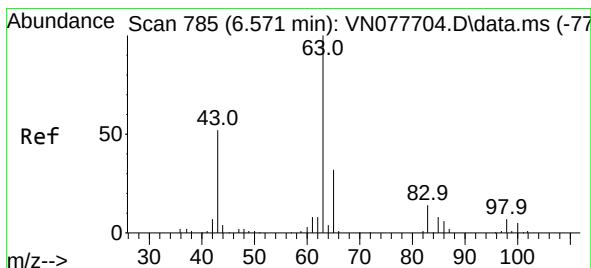
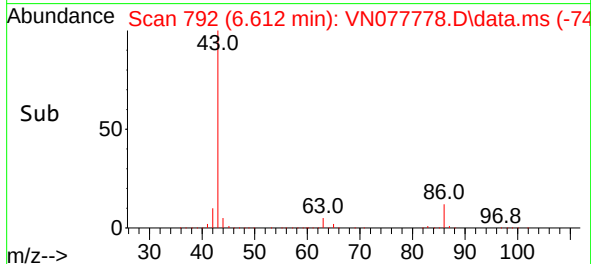
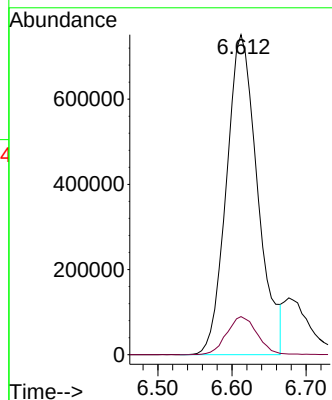
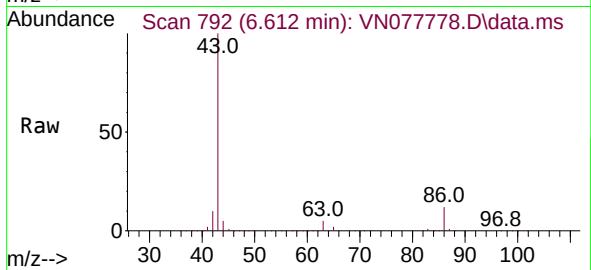
#23
 Vinyl Acetate
 Concen: 224.231 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077778.D
 Acq: 22 May 2023 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2191718
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

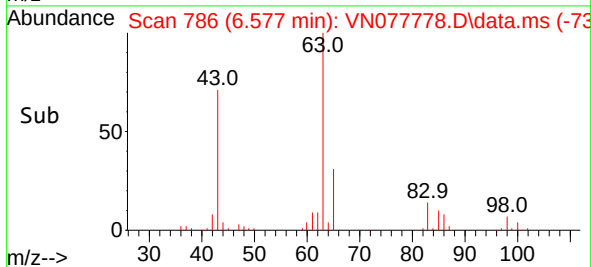
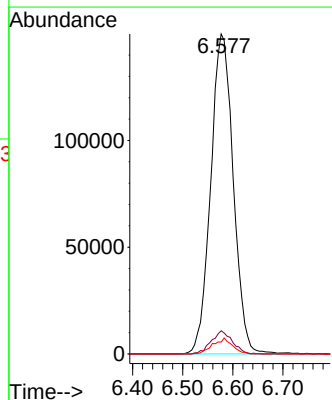
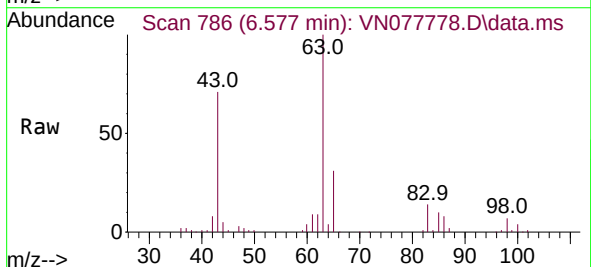
Manual Integrations
 APPROVED

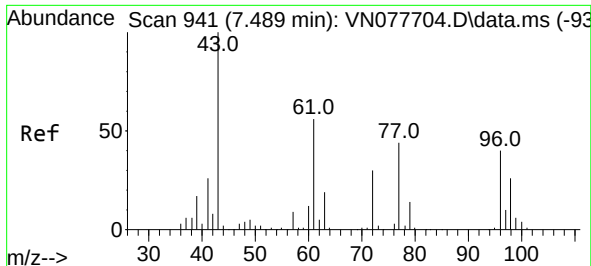
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#24
 1,1-Dichloroethane
 Concen: 48.434 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077778.D
 Acq: 22 May 2023 10:19

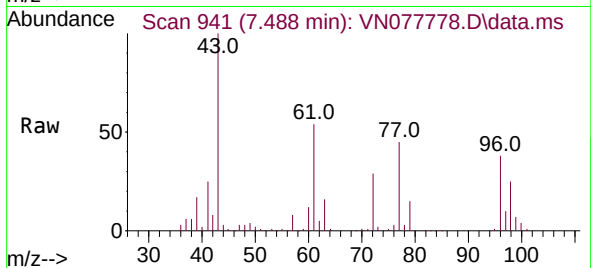
Tgt Ion: 63 Resp: 468116
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 3.7 2.5 7.4





#25
2-Butanone
Concen: 221.437 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

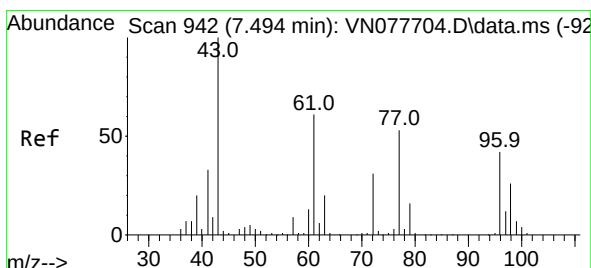
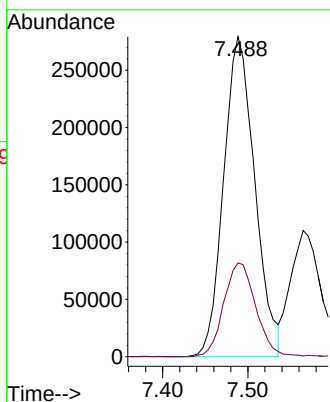
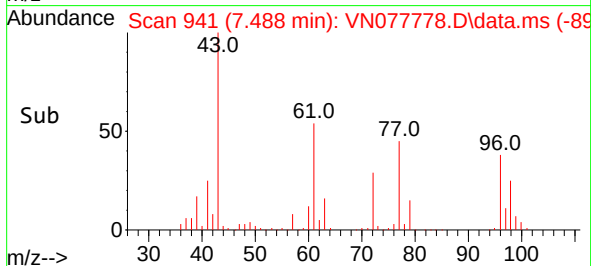
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



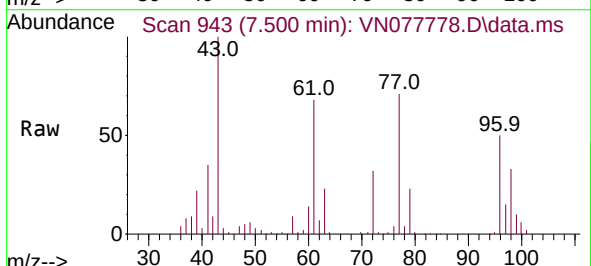
Tgt Ion: 43 Resp: 710298
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2

Manual Integrations
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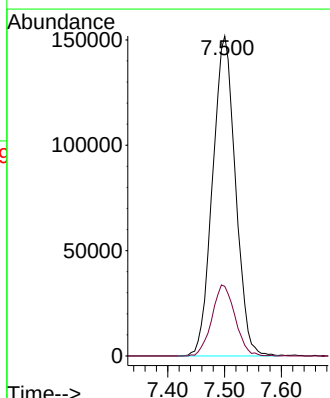
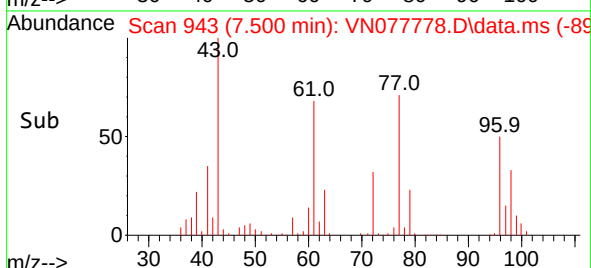
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

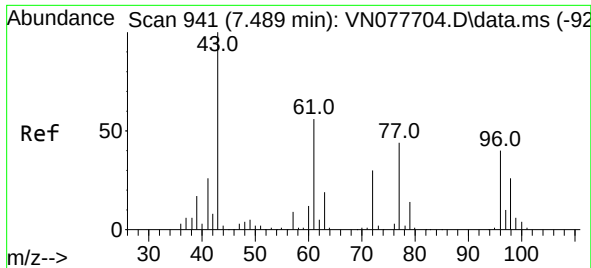


#26
2,2-Dichloropropane
Concen: 51.697 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



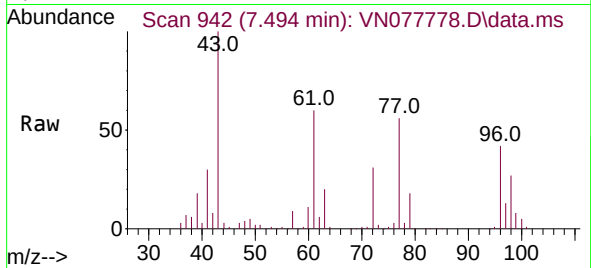
Tgt Ion: 77 Resp: 424488
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 47.750 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077778.D
 Acq: 22 May 2023 10:19

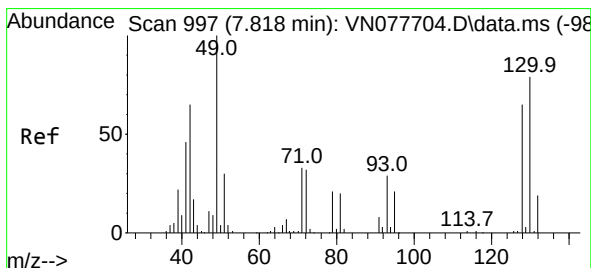
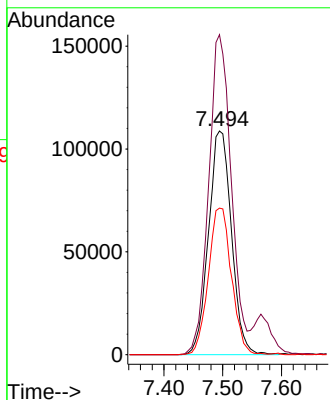
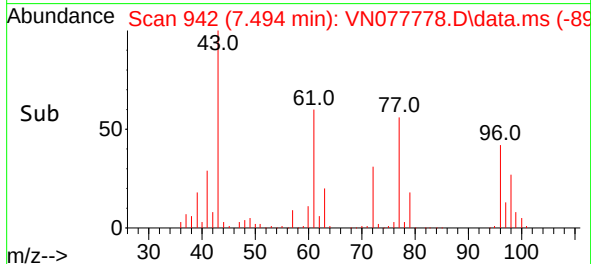
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 29465
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 255.2
 98 66.0 0.0 128.8

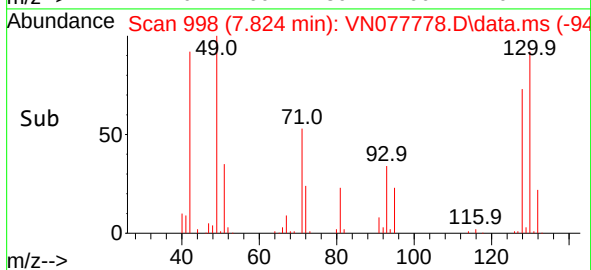
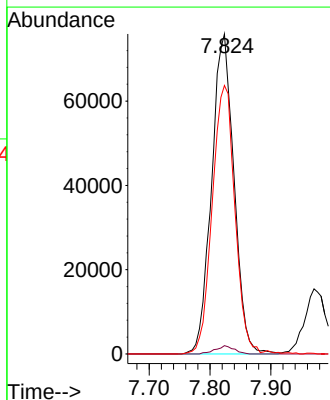
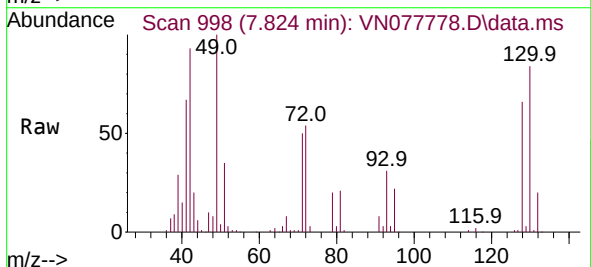
Manual Integrations
 APPROVED

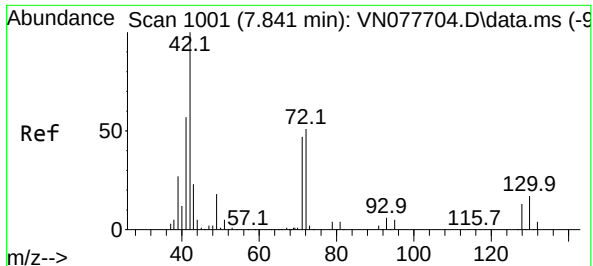
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#28
 Bromochloromethane
 Concen: 46.385 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077778.D
 Acq: 22 May 2023 10:19

Tgt Ion: 49 Resp: 193885
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 84.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 209.853 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 440760

Ion Ratio Lower Upper

42 100

72 50.2 49.8 74.6

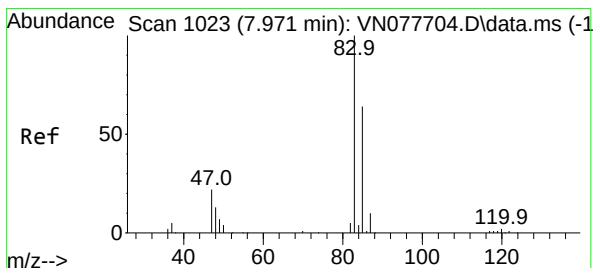
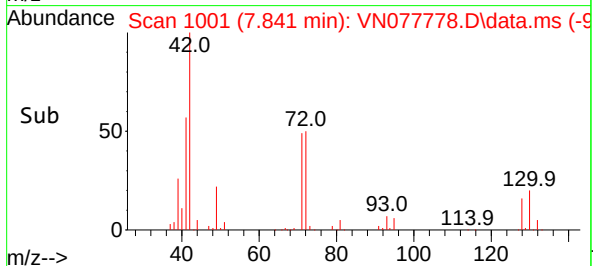
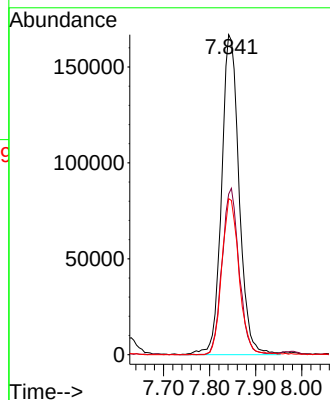
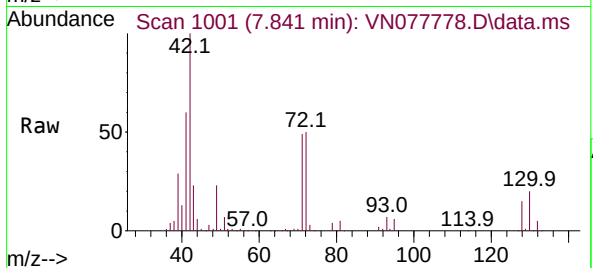
71 48.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 47.121 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077778.D

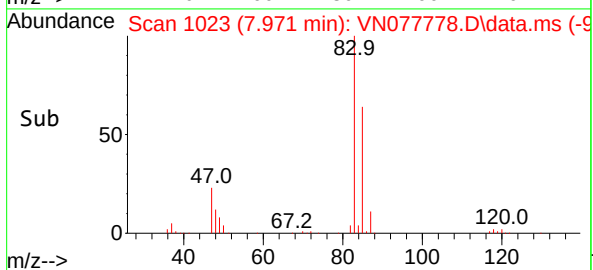
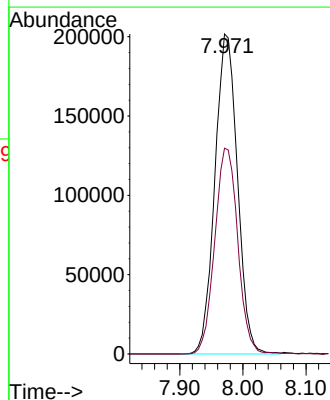
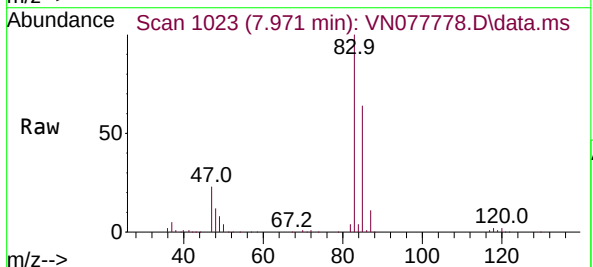
Acq: 22 May 2023 10:19

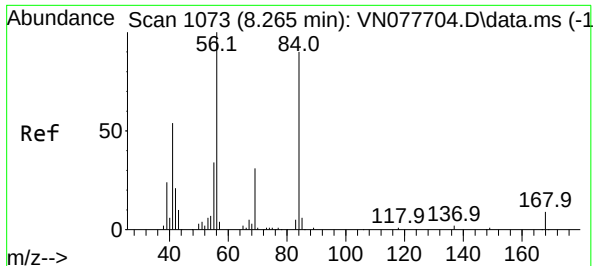
Tgt Ion: 83 Resp: 500978

Ion Ratio Lower Upper

83 100

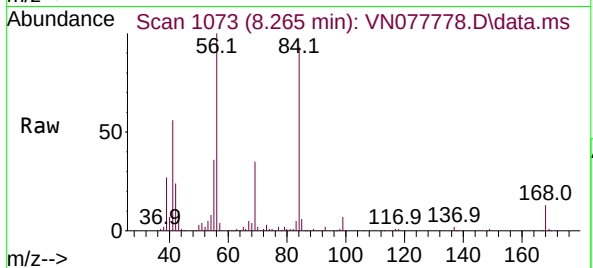
85 64.3 55.4 83.0





#31
Cyclohexane
Concen: 43.637 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

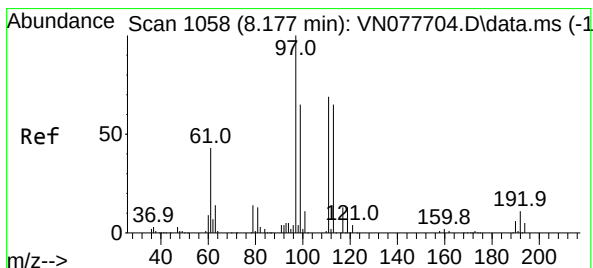
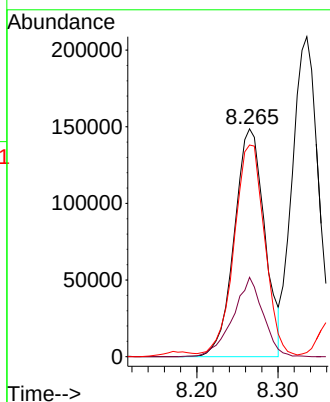
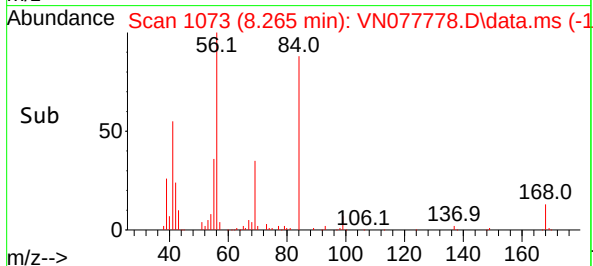
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



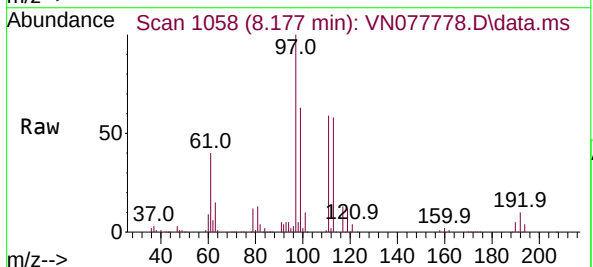
Tgt Ion: 56 Resp: 386552
Ion Ratio Lower Upper
56 100
69 34.8 26.8 40.2
84 91.0 81.8 122.6

Manual Integrations
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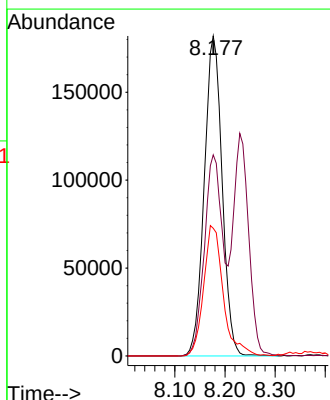
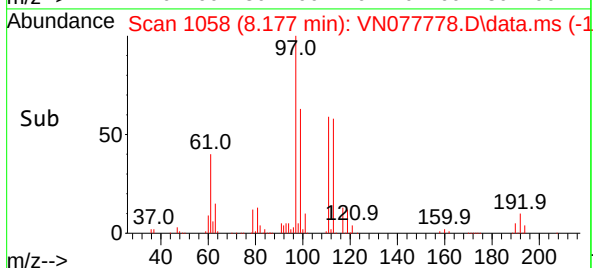
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

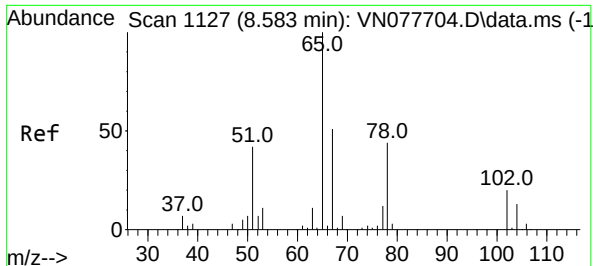


#32
1,1,1-Trichloroethane
Concen: 49.867 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



Tgt Ion: 97 Resp: 450750
Ion Ratio Lower Upper
97 100
99 65.2 50.3 75.5
61 44.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.157 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 300834

Ion Ratio Lower Upper

65 100

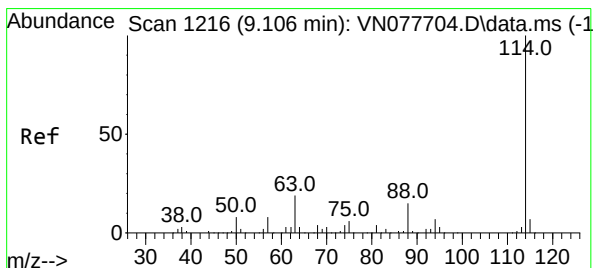
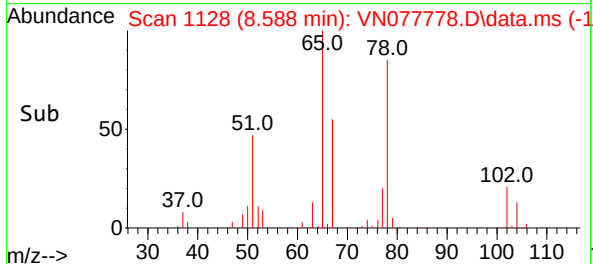
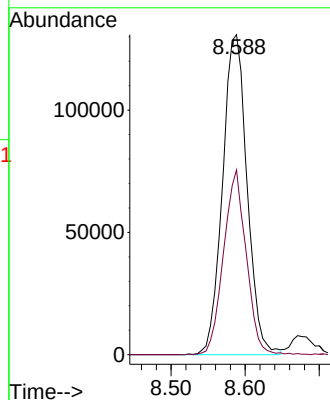
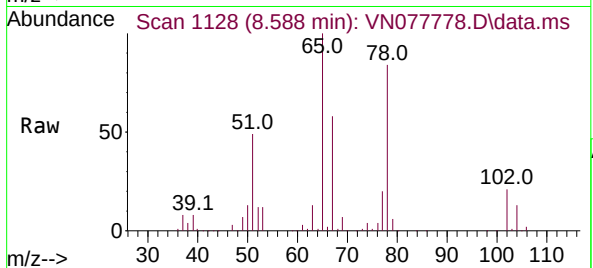
67 53.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

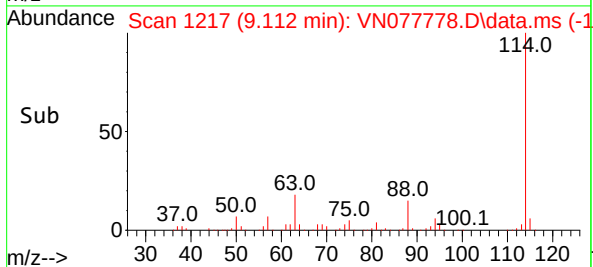
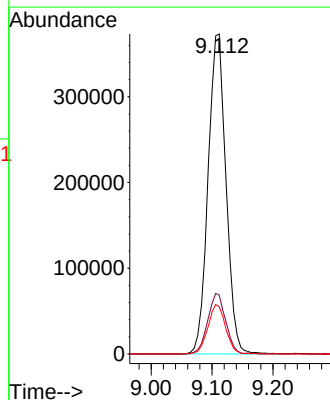
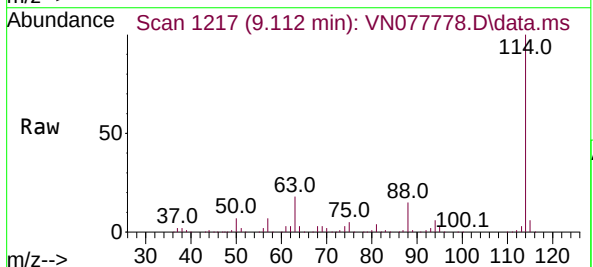
Tgt Ion:114 Resp: 763006

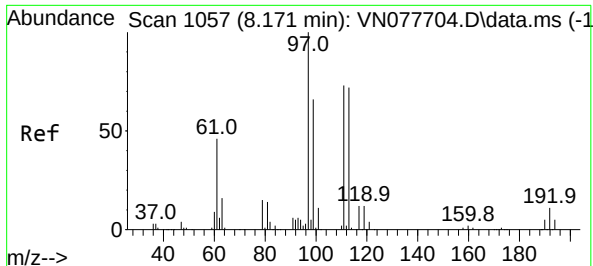
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.852 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 25798

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

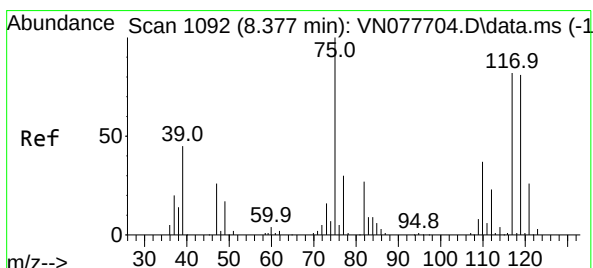
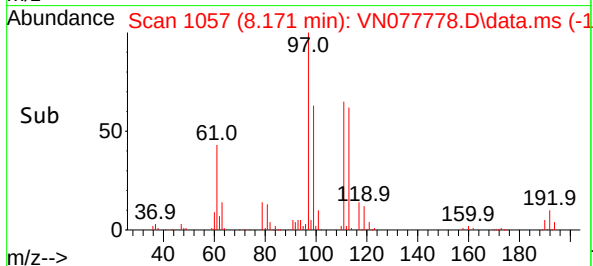
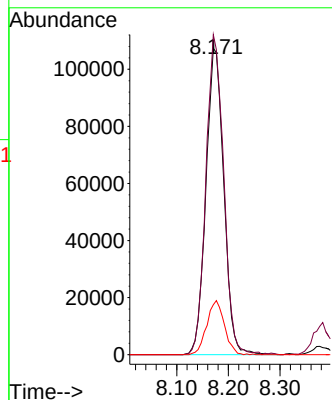
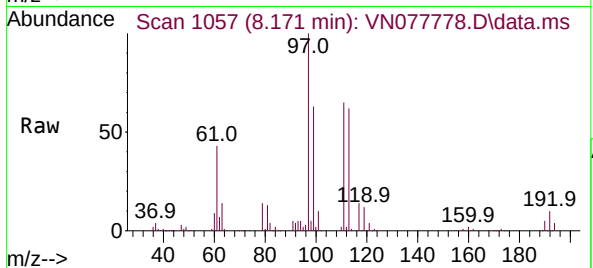
192 17.4 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 49.837 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

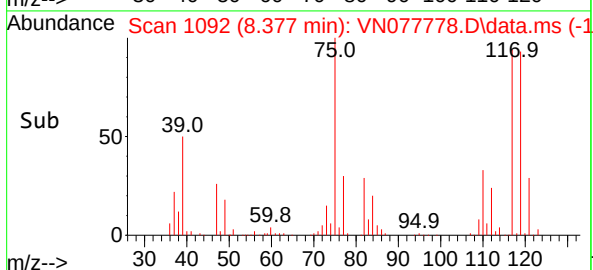
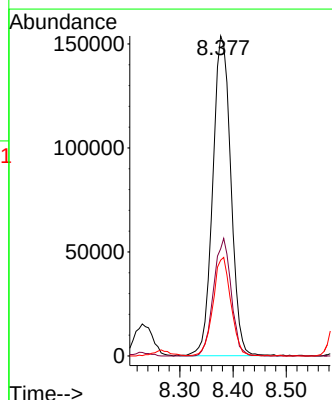
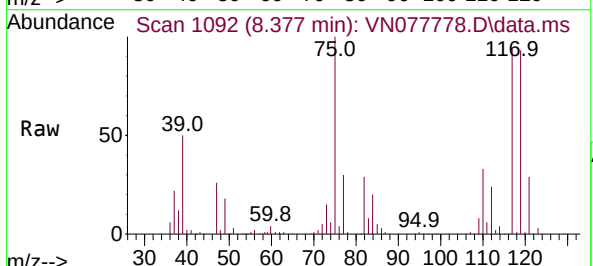
Tgt Ion: 75 Resp: 362687

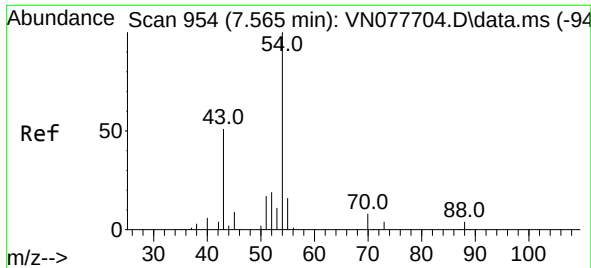
Ion Ratio Lower Upper

75 100

110 35.8 19.1 57.3

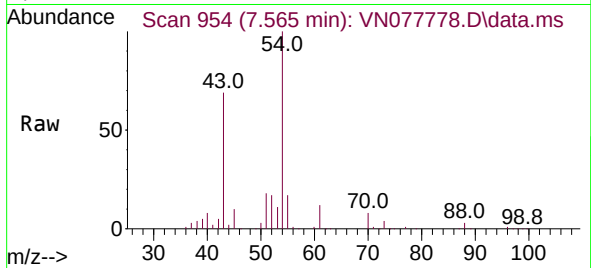
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 43.011 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

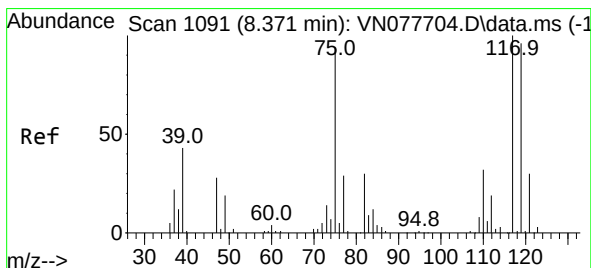
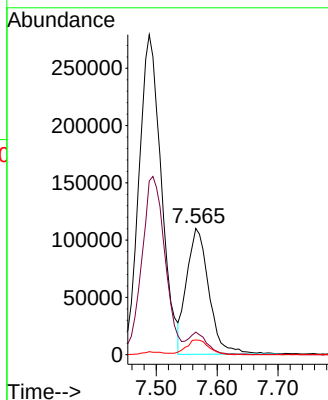
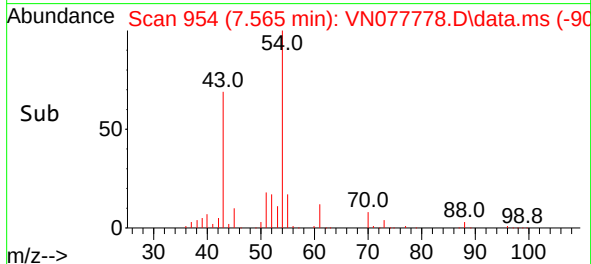
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



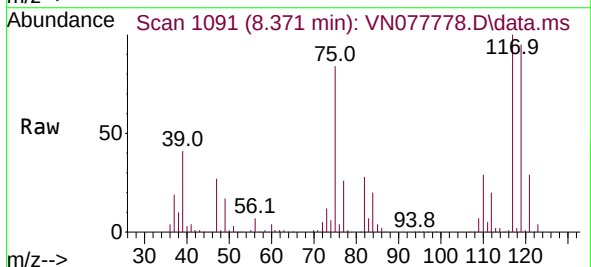
Tgt Ion: 43 Resp: 278990
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 11.8 11.3 16.9

Manual Integrations
APPROVED

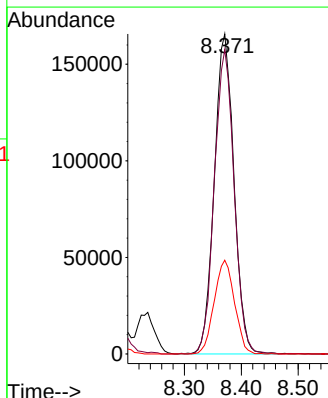
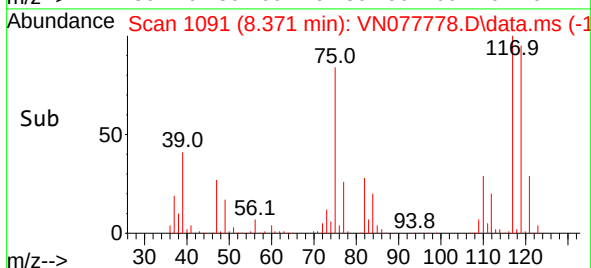
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

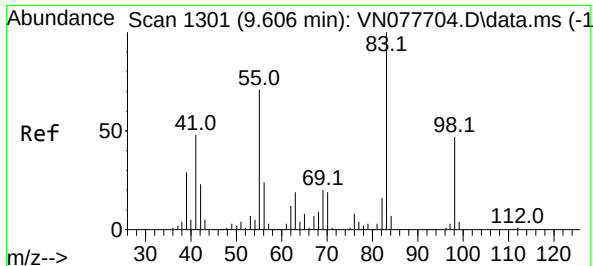


#38
Carbon Tetrachloride
Concen: 54.135 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



Tgt Ion:117 Resp: 397821
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
121 29.3 23.3 34.9





#39

Methylcyclohexane

Concen: 49.550 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 44146

Ion Ratio Lower Upper

83 100

55 70.6 49.1 73.7

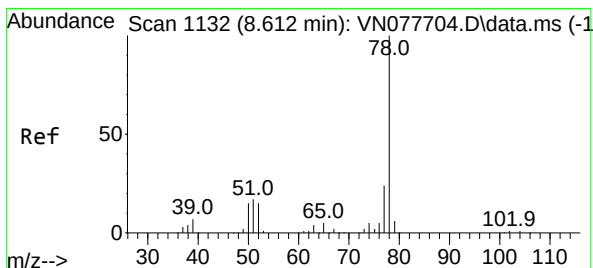
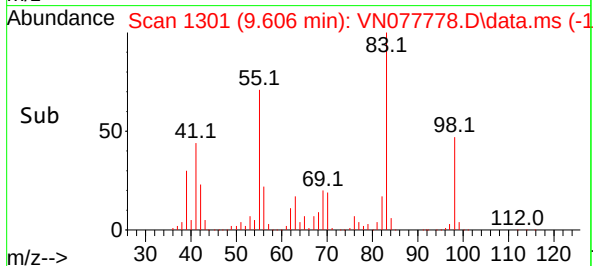
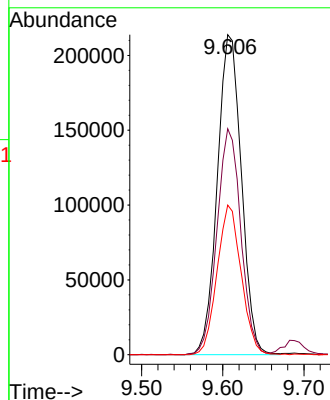
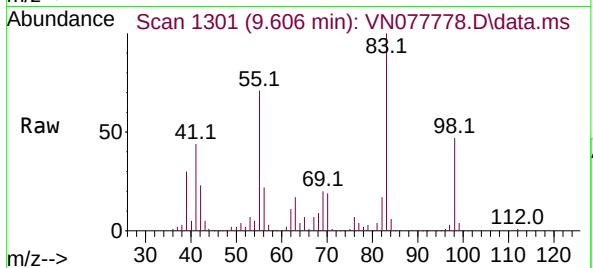
98 46.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#40

Benzene

Concen: 49.372 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077778.D

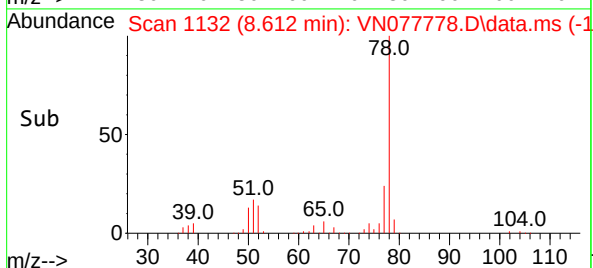
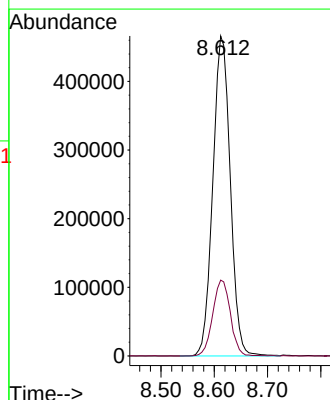
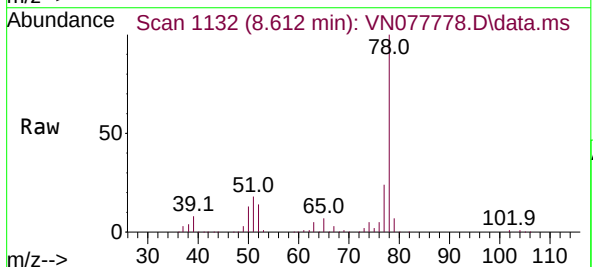
Acq: 22 May 2023 10:19

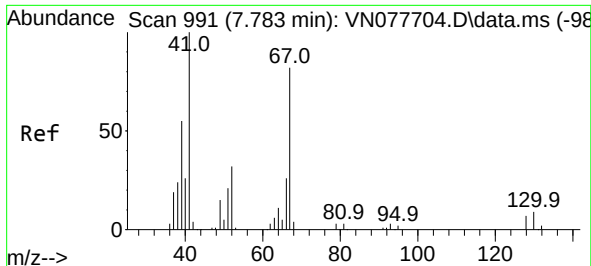
Tgt Ion: 78 Resp: 1060293

Ion Ratio Lower Upper

78 100

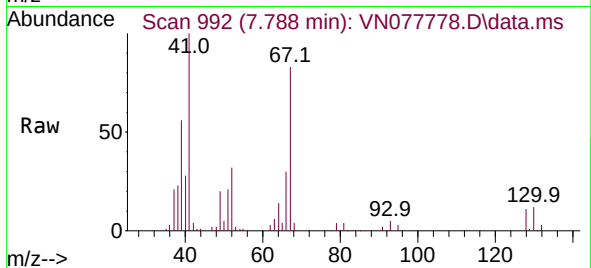
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 44.102 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

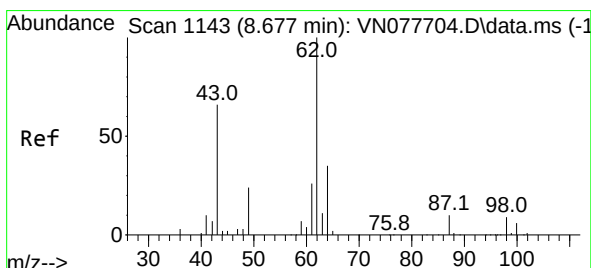
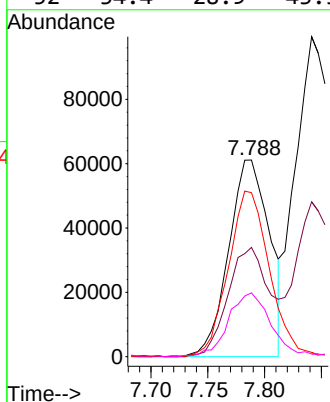
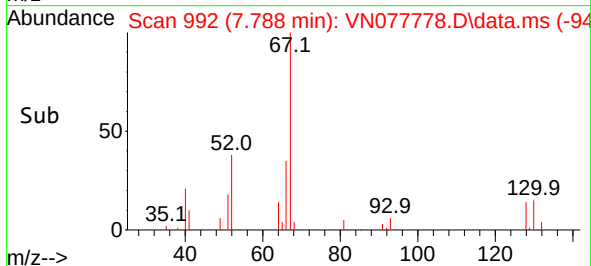
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 15234
Ion Ratio Lower Upper
41 100
39 56.2 42.6 64.0
67 85.5 77.5 116.3
52 34.4 28.9 43.3

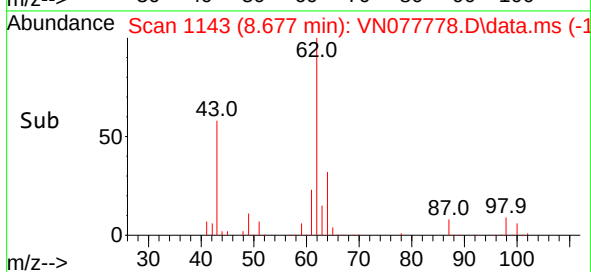
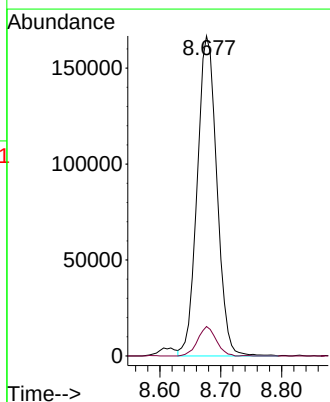
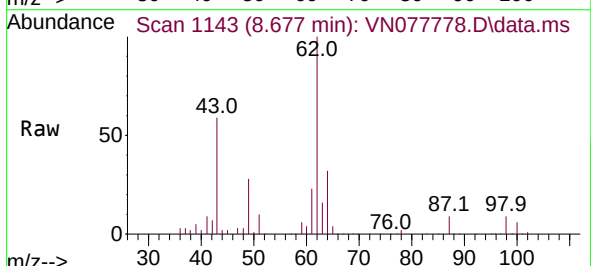
Manual Integrations
APPROVED

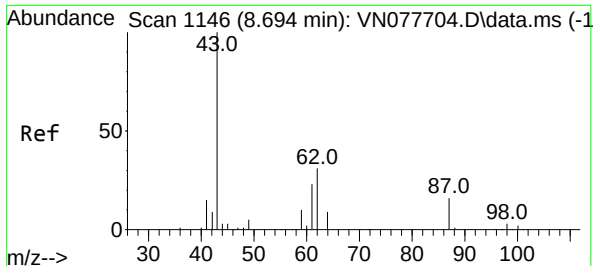
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 47.971 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 62 Resp: 374226
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 46.260 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 490119

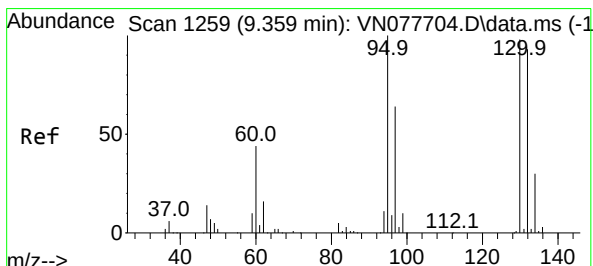
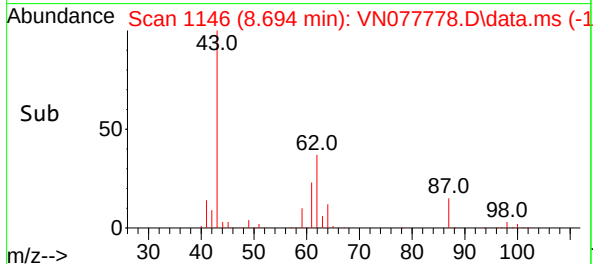
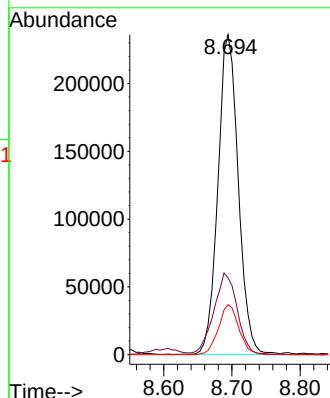
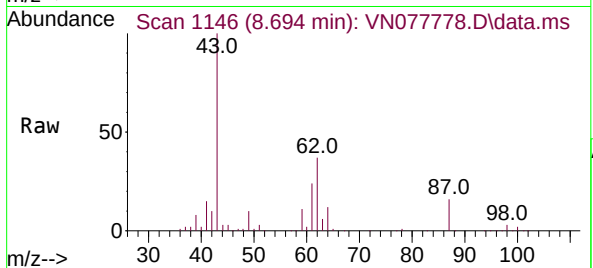
Ion	Ratio	Lower	Upper
43	100		
61	29.3	24.7	37.1
87	15.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#44

Trichloroethene

Concen: 52.702 ug/l

RT: 9.359 min Scan# 1259

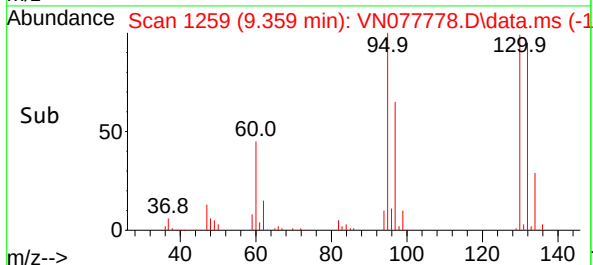
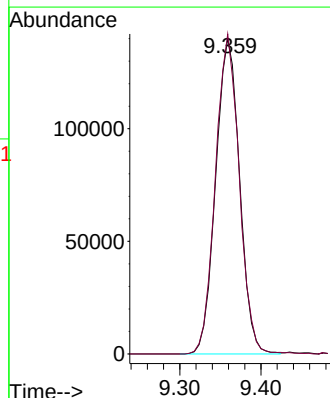
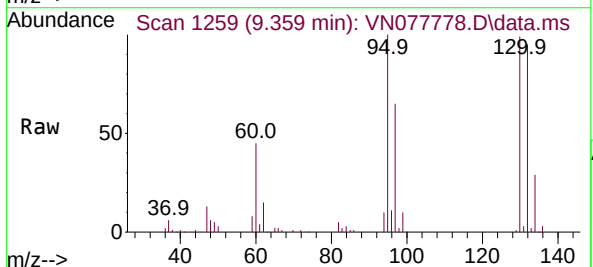
Delta R.T. -0.000 min

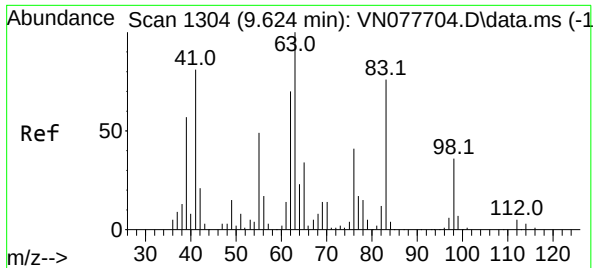
Lab File: VN077778.D

Acq: 22 May 2023 10:19

Tgt Ion:130 Resp: 286579

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	204.6





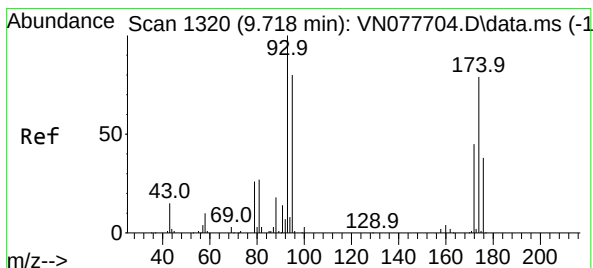
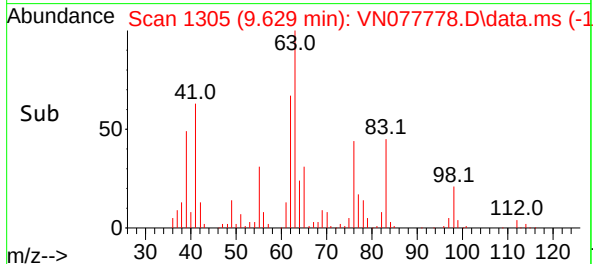
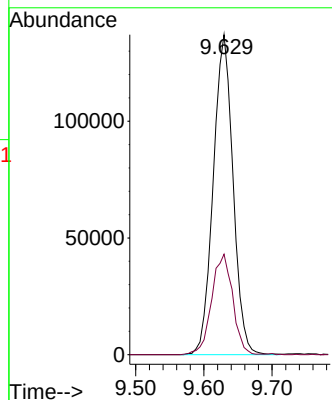
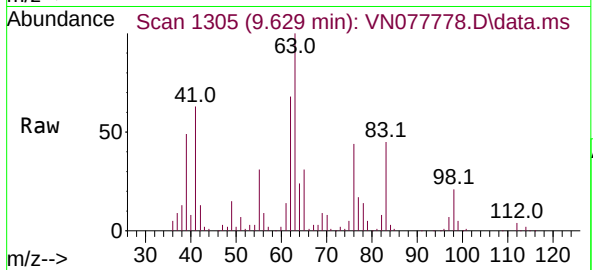
#45
1,2-Dichloropropane
Concen: 50.630 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.005 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 27734
Ion Ratio Lower Upper
63 100
65 31.4 23.9 35.9

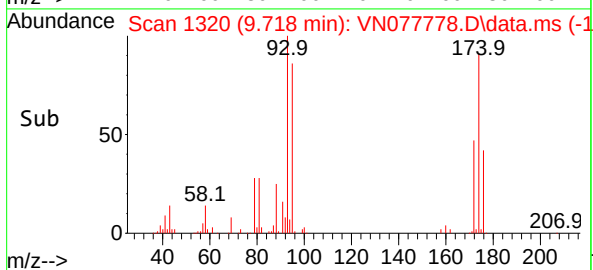
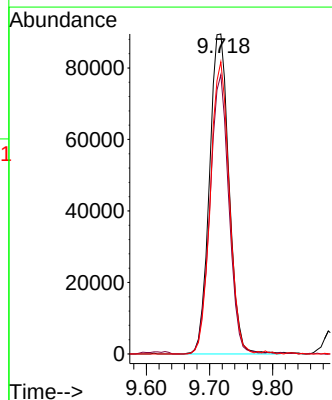
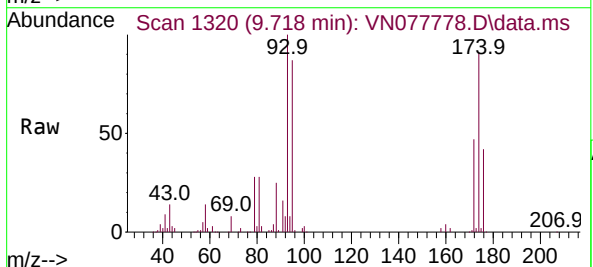
Manual Integrations
APPROVED

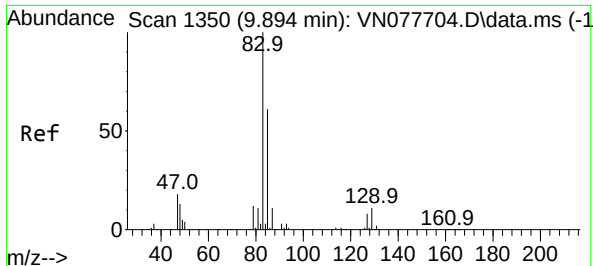
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#46
Dibromomethane
Concen: 49.070 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 93 Resp: 192340
Ion Ratio Lower Upper
93 100
95 83.9 63.8 95.8
174 88.2 65.6 98.4





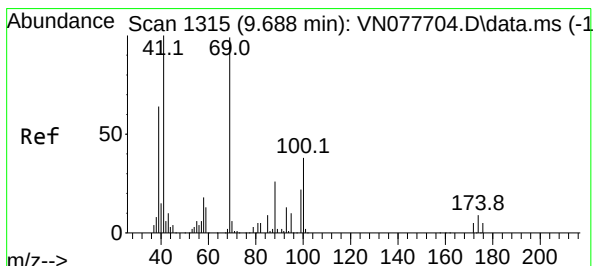
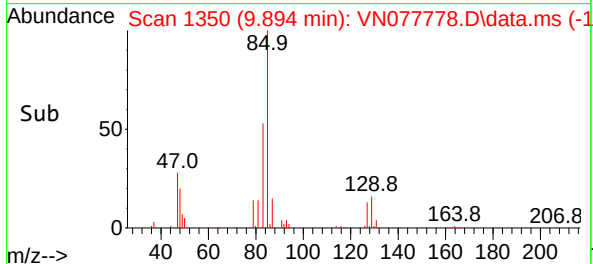
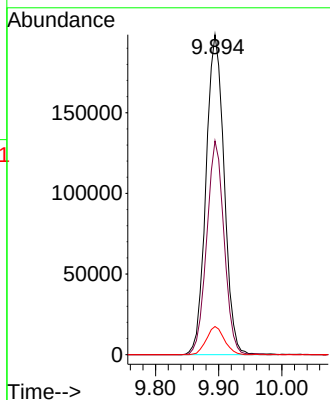
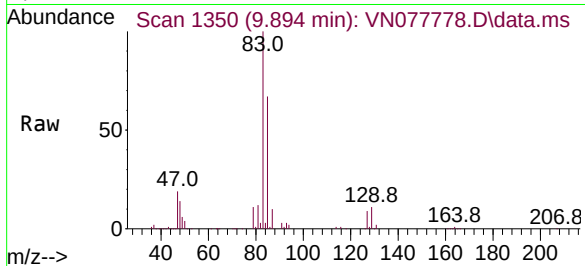
#47
Bromodichloromethane
Concen: 52.662 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 39519
Ion Ratio Lower Upper
83 100
85 66.8 49.6 74.4
127 8.8 7.0 10.6

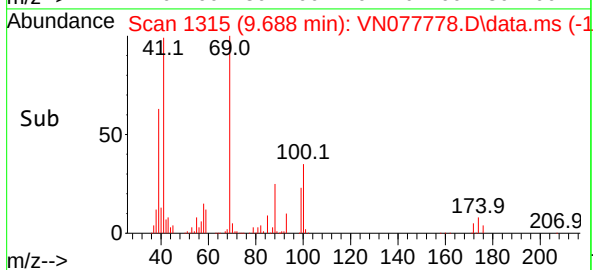
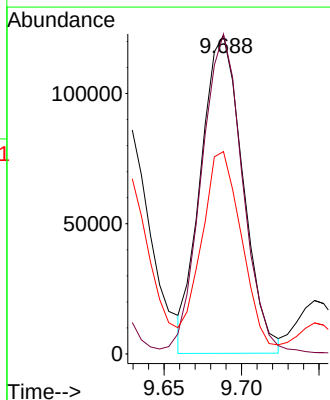
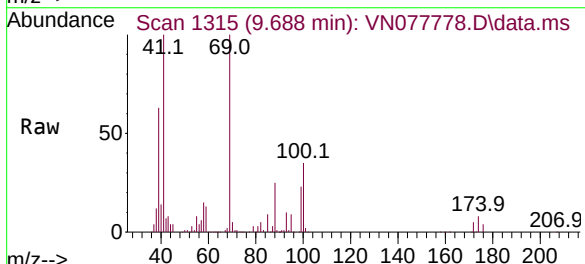
Manual Integrations
APPROVED

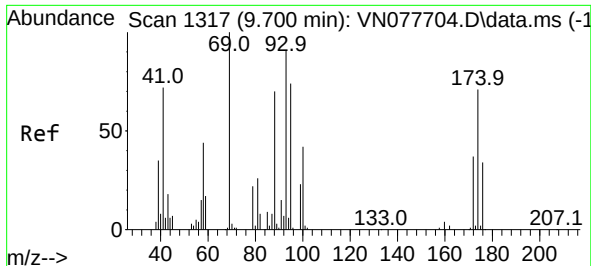
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#48
Methyl methacrylate
Concen: 45.878 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

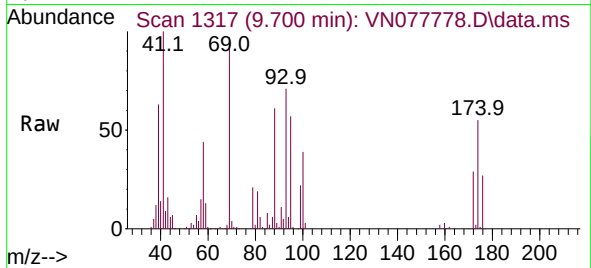
Tgt Ion: 41 Resp: 230455
Ion Ratio Lower Upper
41 100
69 99.0 90.4 135.6
39 61.7 54.6 81.8





#49
1,4-Dioxane
Concen: 973.612 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

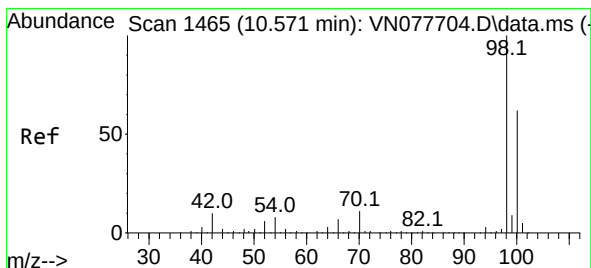
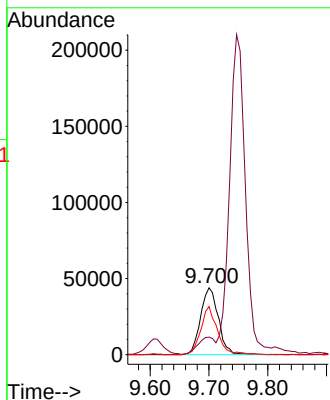
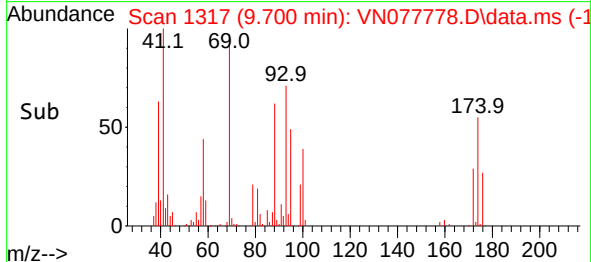
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 92372
Ion Ratio Lower Upper
88 100
43 24.5 17.0 25.6
58 67.5 47.0 70.4

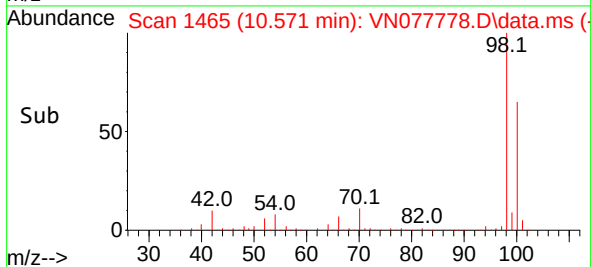
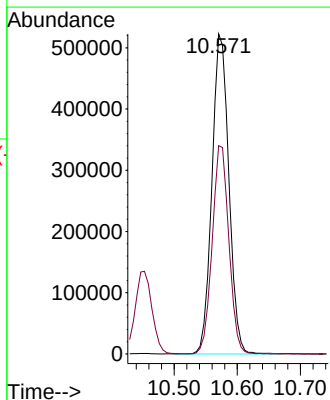
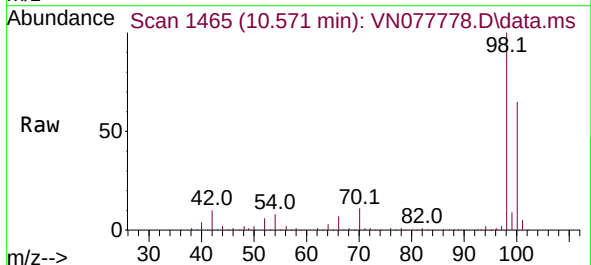
Manual Integrations
APPROVED

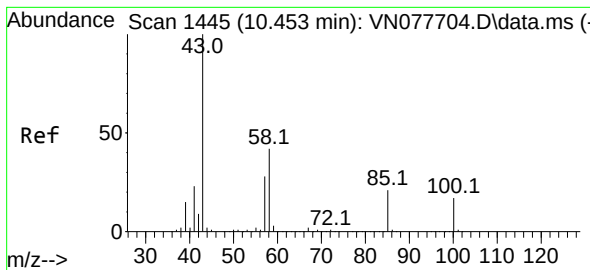
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#50
Toluene-d8
Concen: 50.620 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 98 Resp: 969419
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





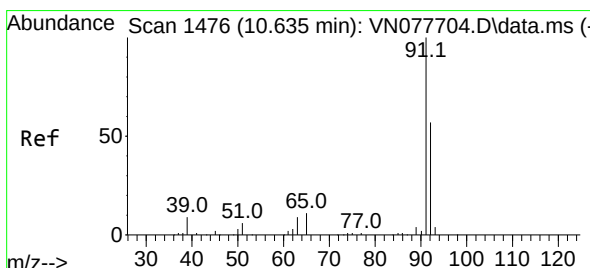
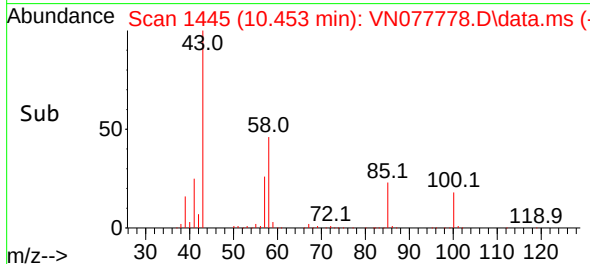
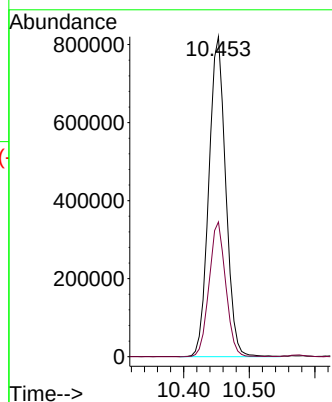
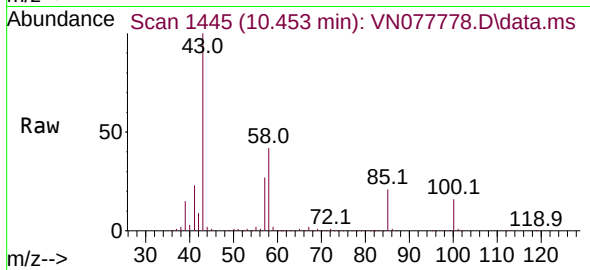
#51
4-Methyl-2-Pentanone
Concen: 232.787 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 146603
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

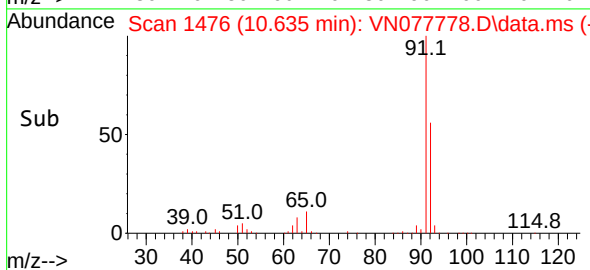
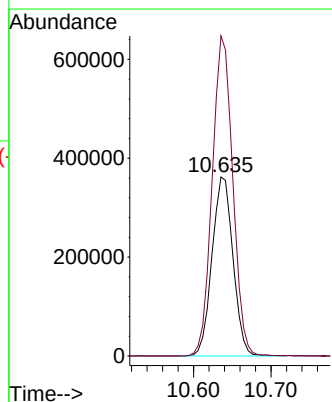
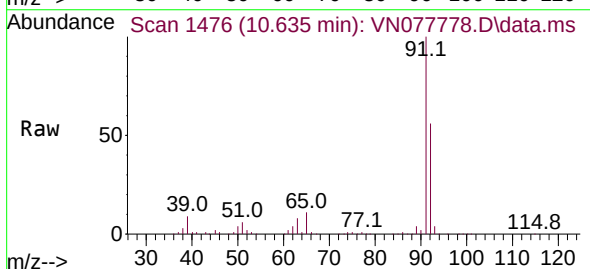
Manual Integrations
APPROVED

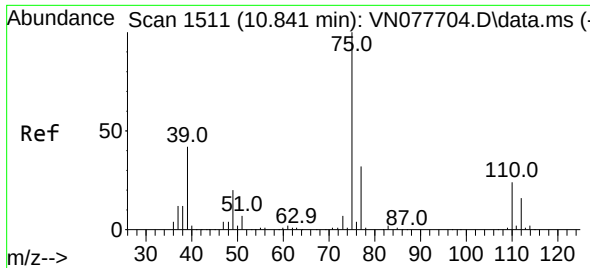
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 50.819 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

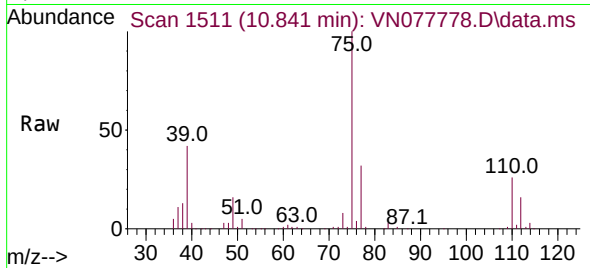
Tgt Ion: 92 Resp: 679429
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 52.317 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

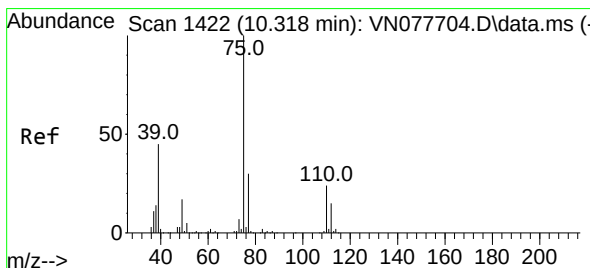
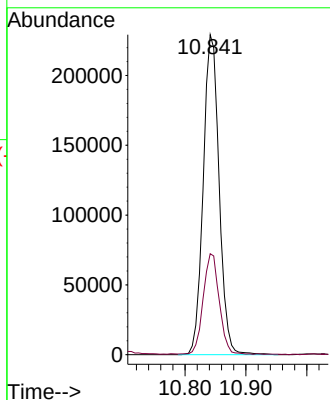
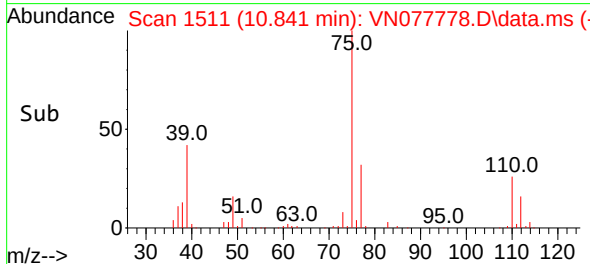
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 415750
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

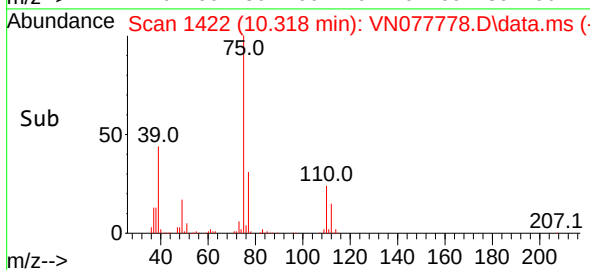
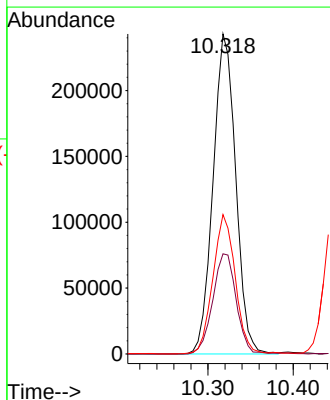
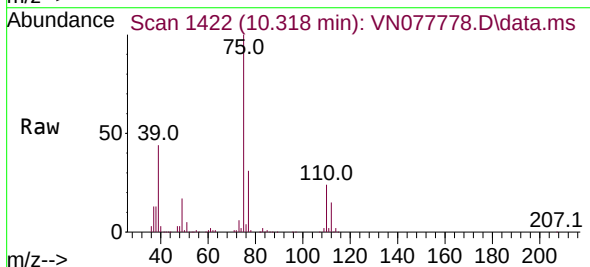
Manual Integrations
APPROVED

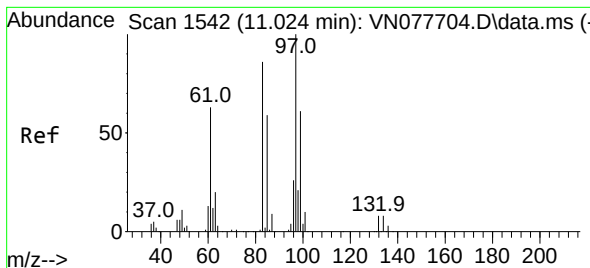
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#54
cis-1,3-Dichloropropene
Concen: 51.312 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 75 Resp: 449365
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 43.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 51.041 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.001 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 270950

Ion Ratio Lower Upper

97 100

83 84.8 65.1 97.7

85 54.7 43.4 65.2

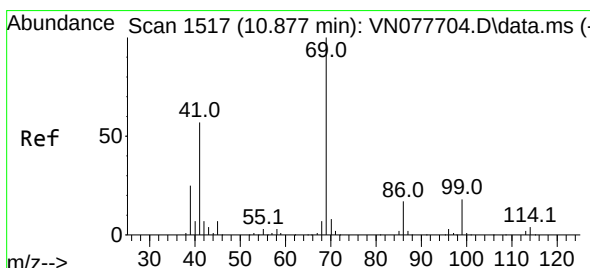
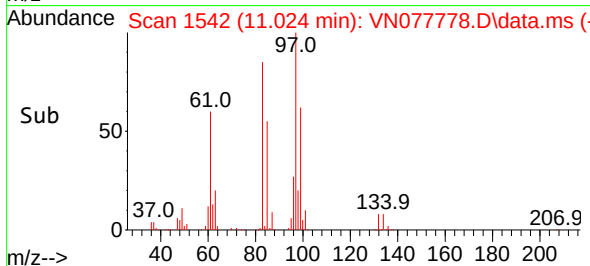
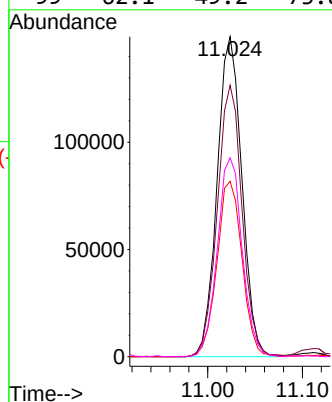
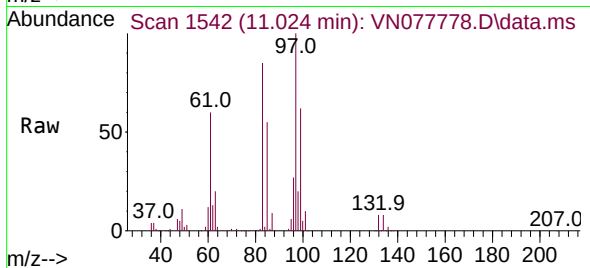
99 62.1 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#56

Ethyl methacrylate

Concen: 48.631 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

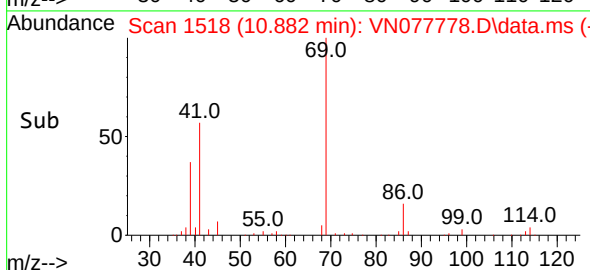
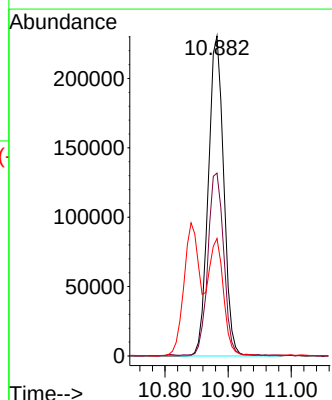
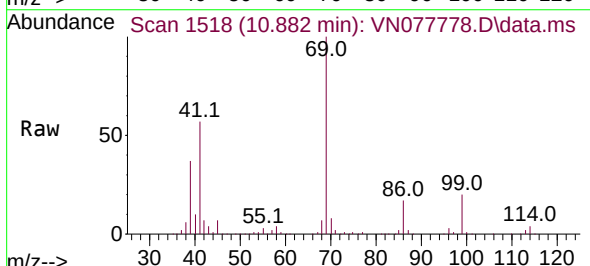
Tgt Ion: 69 Resp: 390332

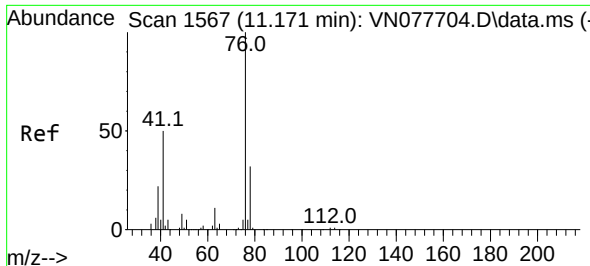
Ion Ratio Lower Upper

69 100

41 58.2 39.6 59.4

39 32.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.142 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 447215

Ion Ratio Lower Upper

76 100

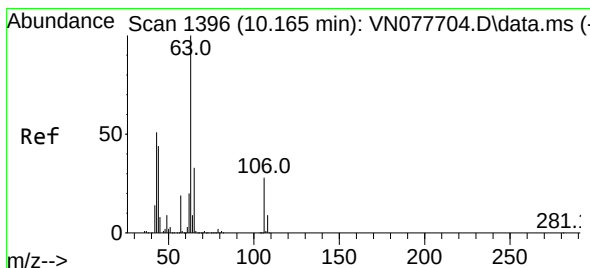
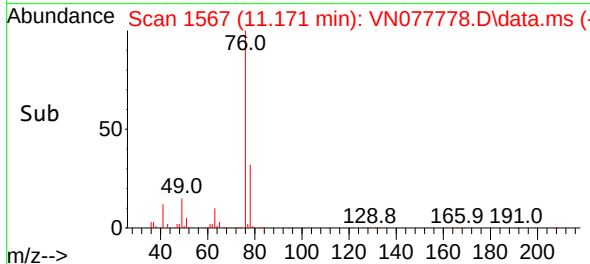
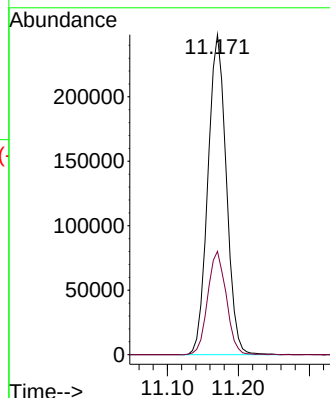
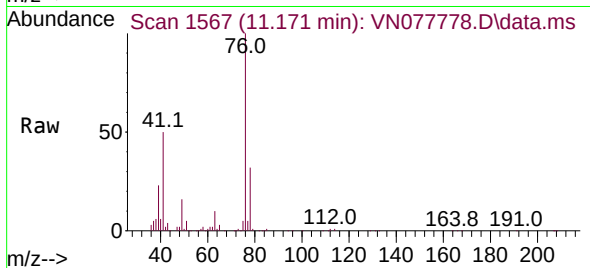
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 216.772 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077778.D

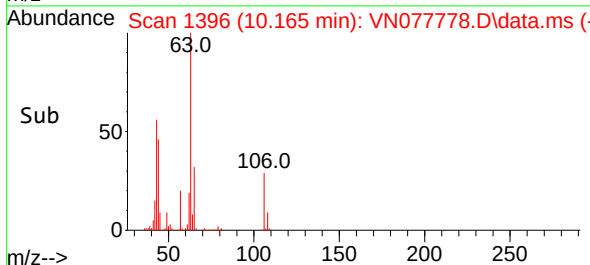
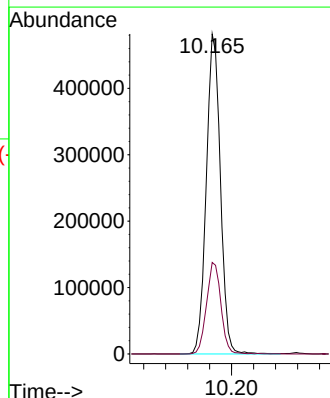
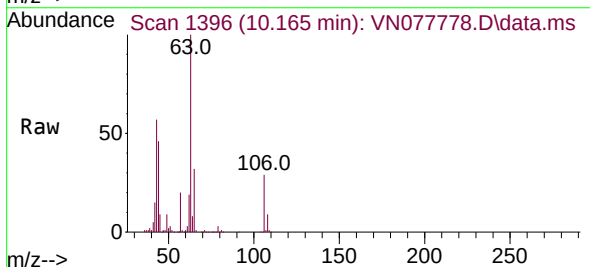
Acq: 22 May 2023 10:19

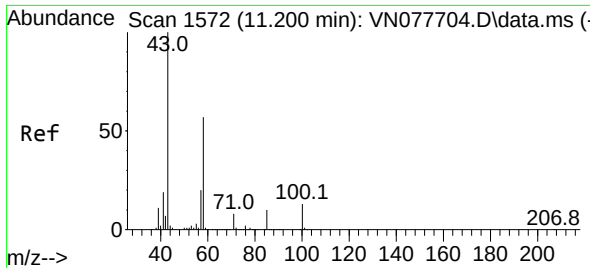
Tgt Ion: 63 Resp: 855967

Ion Ratio Lower Upper

63 100

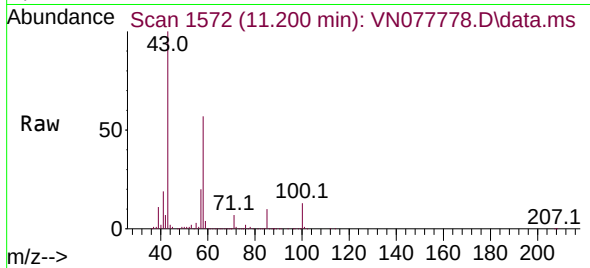
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 225.903 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

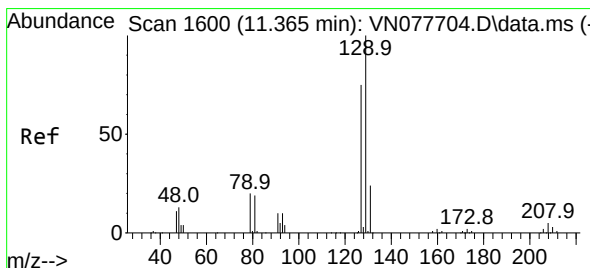
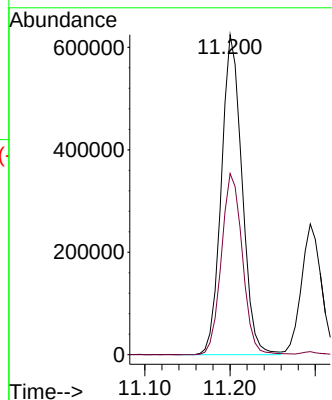
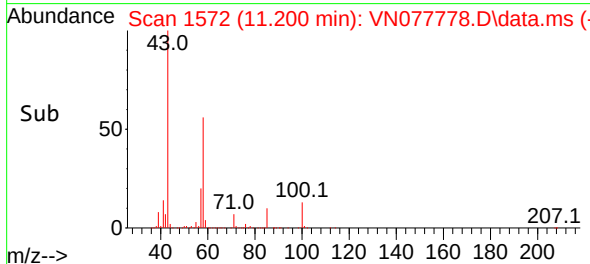
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 105229
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

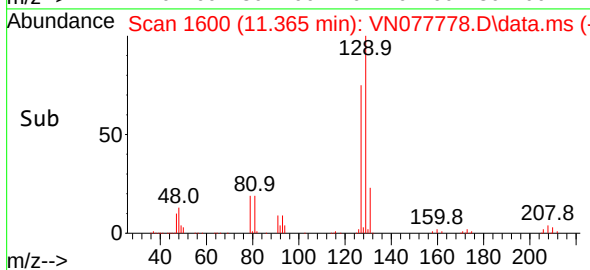
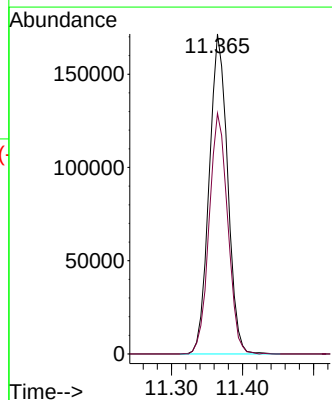
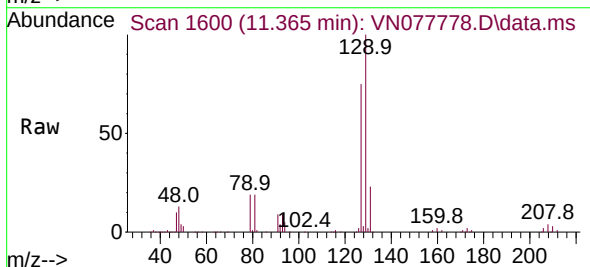
Manual Integrations
APPROVED

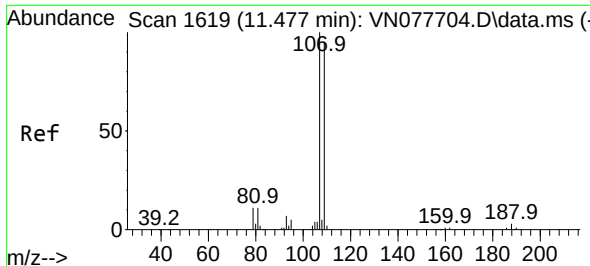
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#60
Dibromochloromethane
Concen: 56.442 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

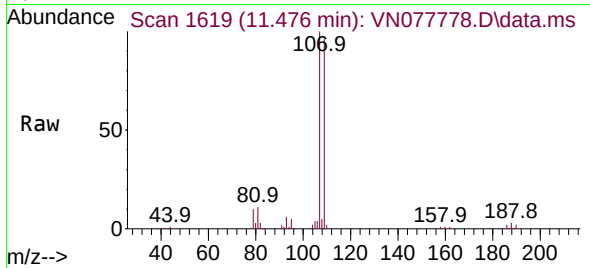
Tgt Ion:129 Resp: 309316
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.722 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

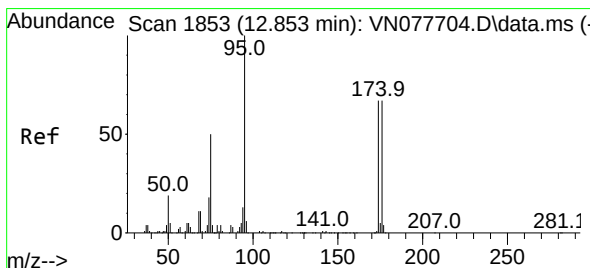
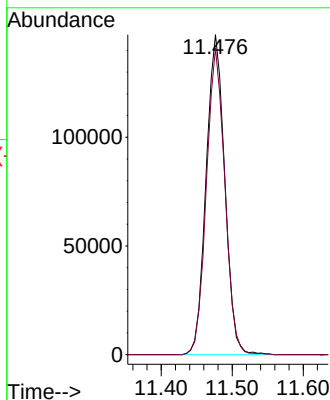
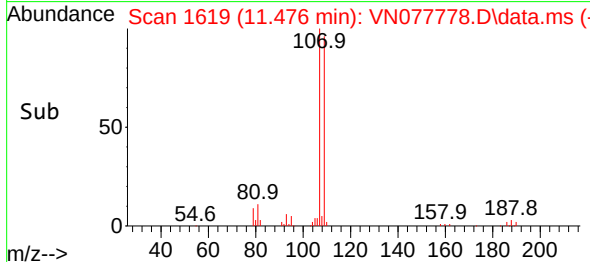
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



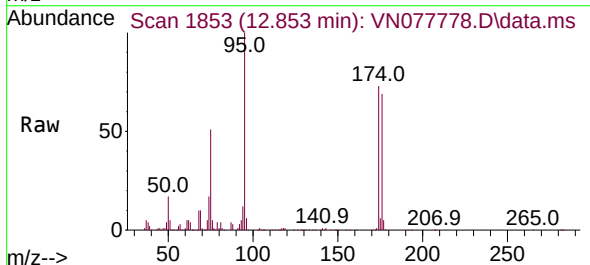
Tgt Ion:107 Resp: 268617
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

Manual Integrations
APPROVED

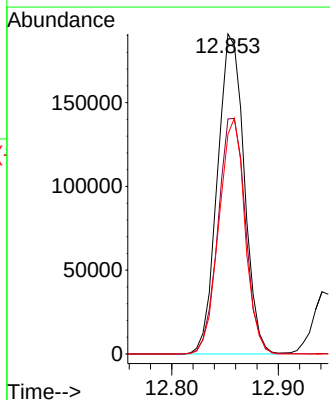
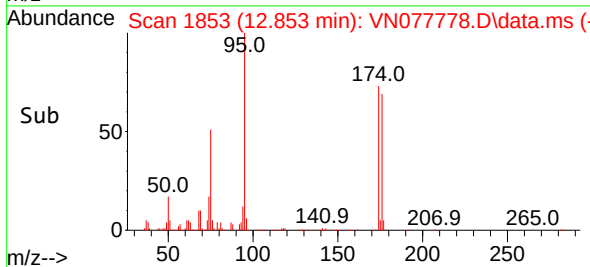
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

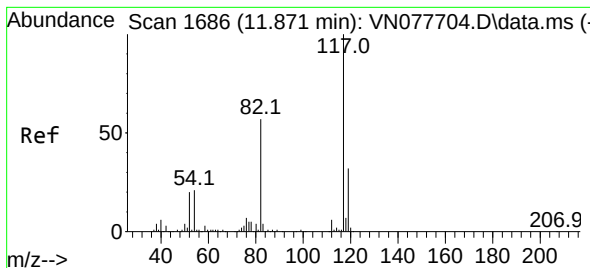


#62
4-Bromofluorobenzene
Concen: 49.207 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



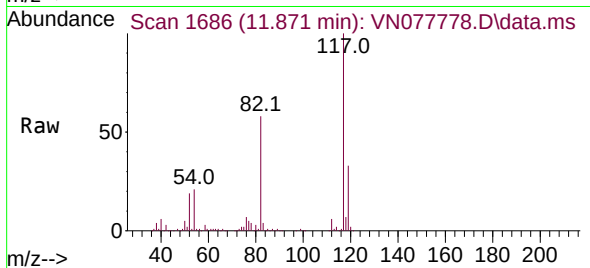
Tgt Ion: 95 Resp: 332820
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

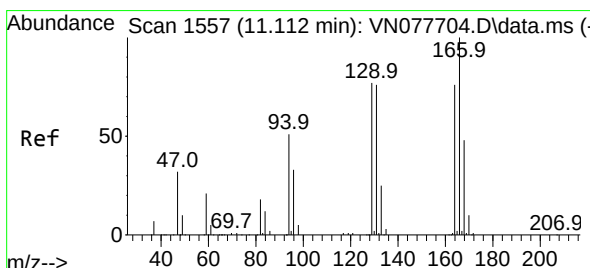
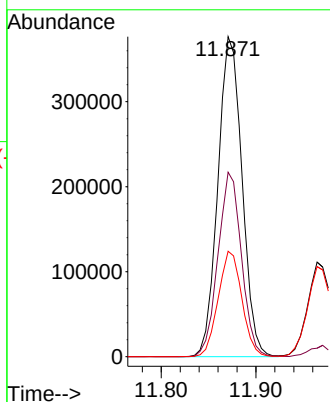
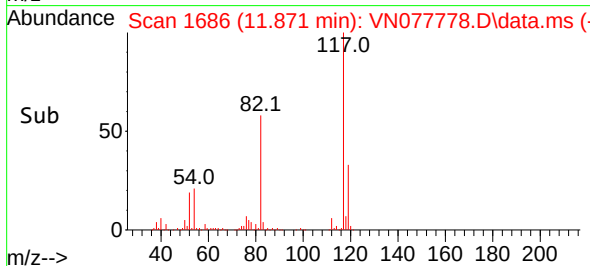
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



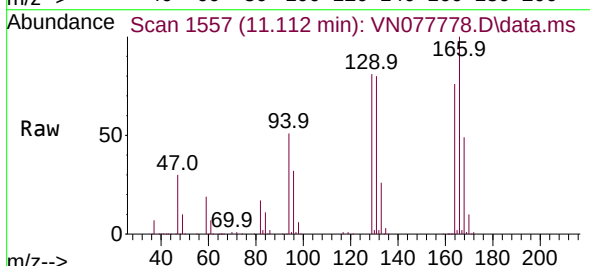
Tgt Ion:117 Resp: 666811
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 33.0 25.6 38.4

Manual Integrations
APPROVED

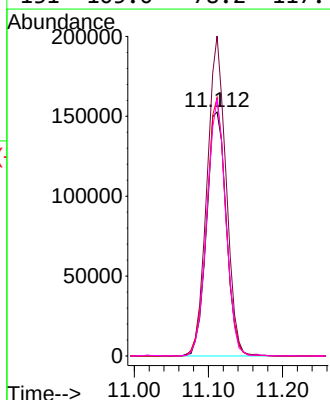
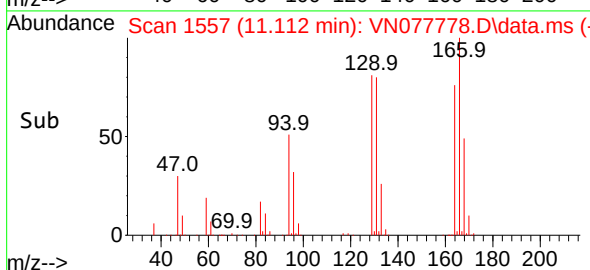
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

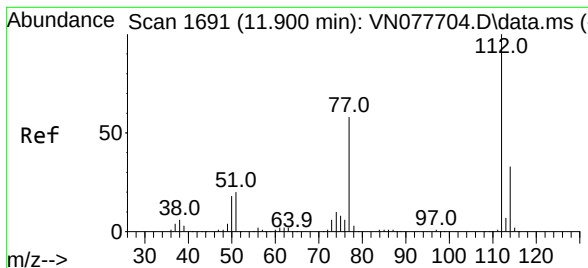


#64
Tetrachloroethene
Concen: 60.282 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



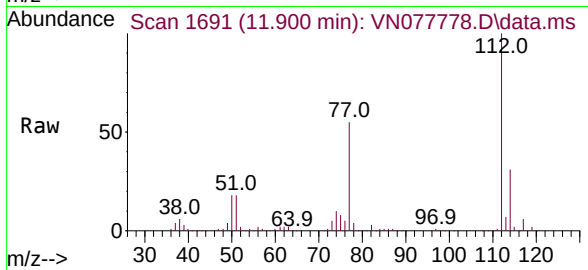
Tgt Ion:164 Resp: 281106
Ion Ratio Lower Upper
164 100
166 131.2 101.4 152.0
129 106.0 82.4 123.6
131 105.0 78.2 117.4





#65
Chlorobenzene
Concen: 51.222 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

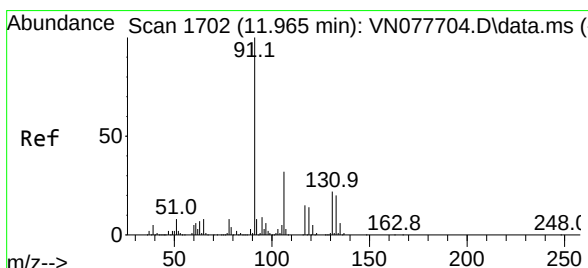
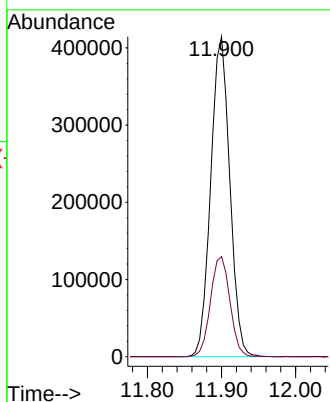
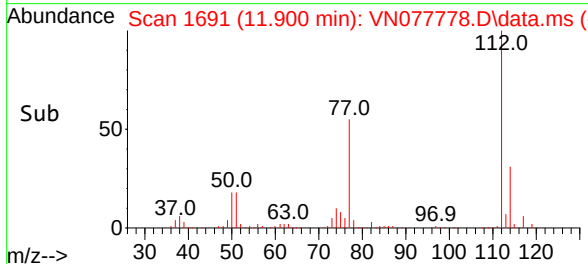
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



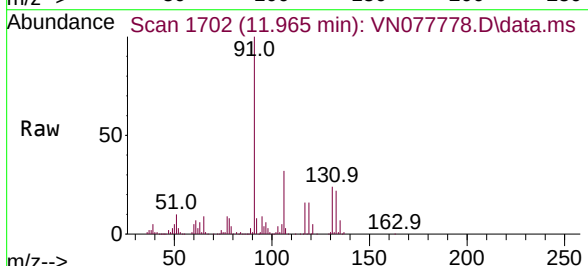
Tgt Ion:112 Resp: 740449
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

Manual Integrations
APPROVED

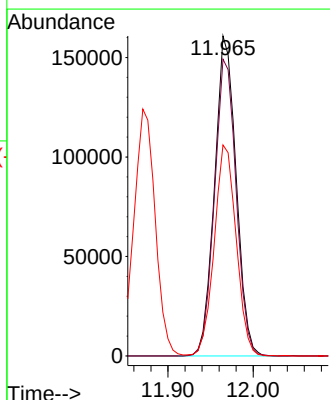
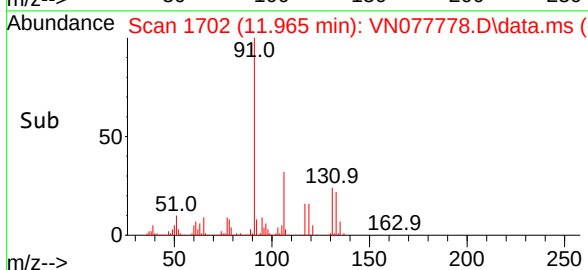
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

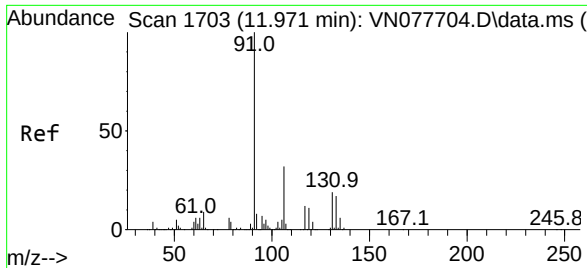


#66
1,1,1,2-Tetrachloroethane
Concen: 56.630 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



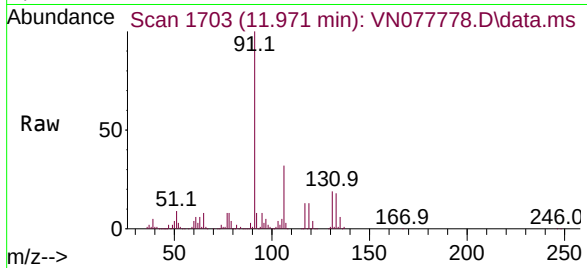
Tgt Ion:131 Resp: 283254
Ion Ratio Lower Upper
131 100
133 93.1 46.4 139.1
119 67.2 34.1 102.2





#67
Ethyl Benzene
Concen: 51.501 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

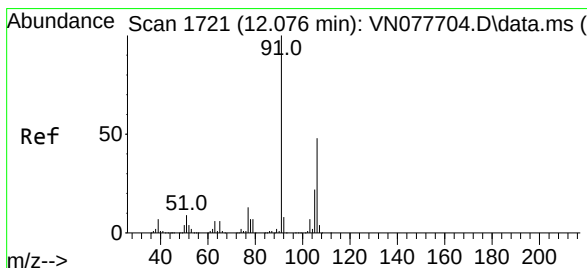
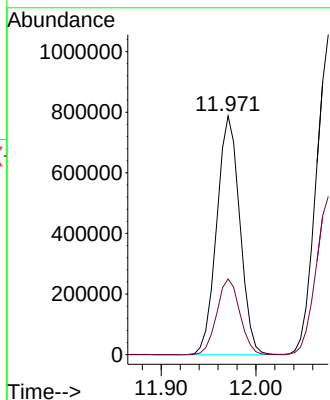
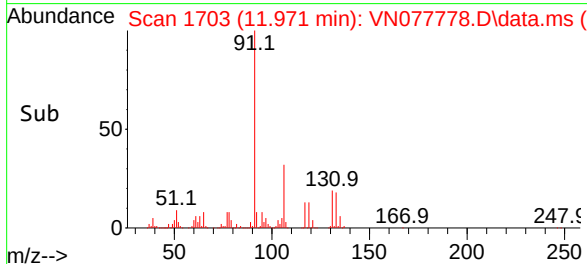
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



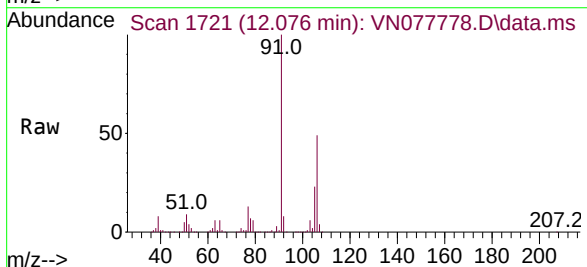
Tgt Ion: 91 Resp: 1334140
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4

Manual Integrations
APPROVED

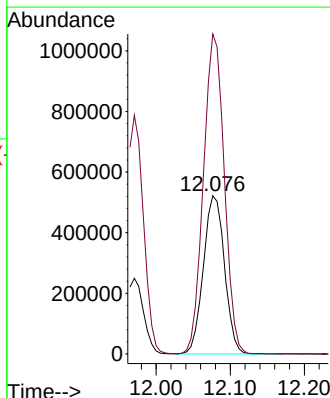
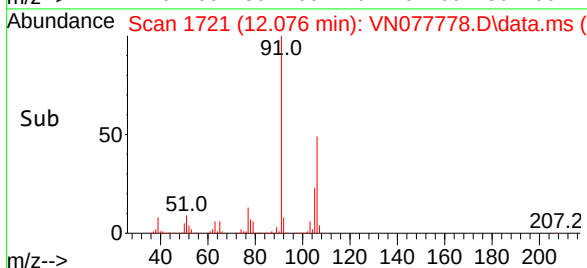
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

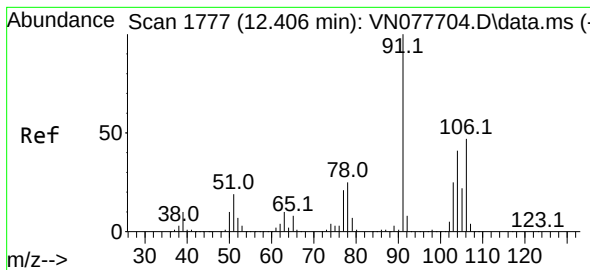


#68
m/p-Xylenes
Concen: 105.093 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



Tgt Ion:106 Resp: 1031574
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4





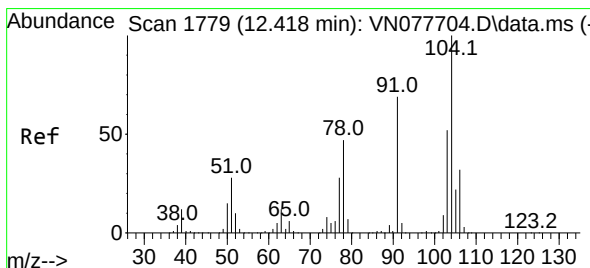
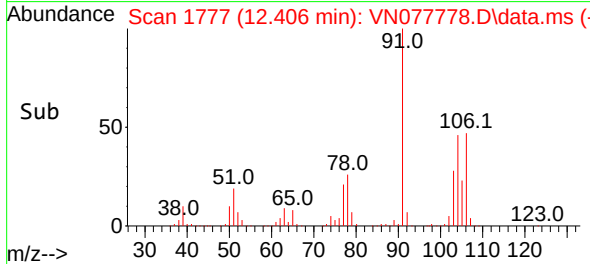
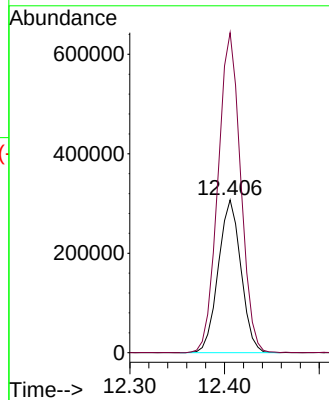
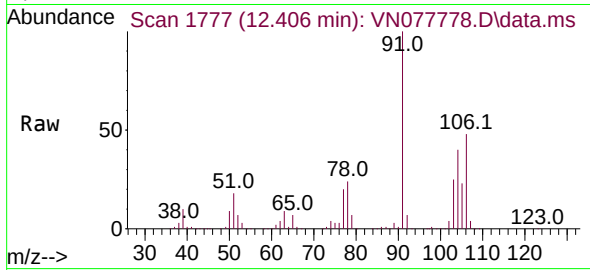
#69
o-Xylene
Concen: 52.881 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 510474
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.5

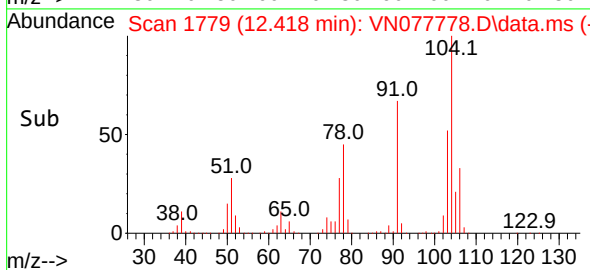
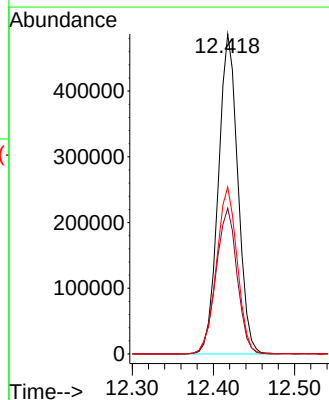
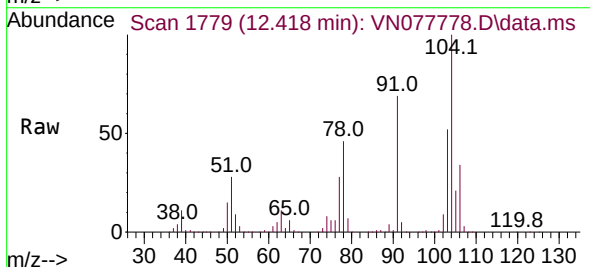
Manual Integrations
APPROVED

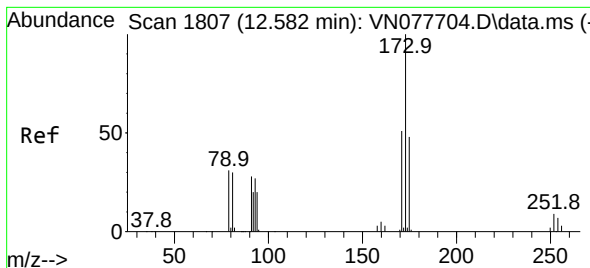
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 53.140 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion:104 Resp: 814903
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 58.980 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 196250

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

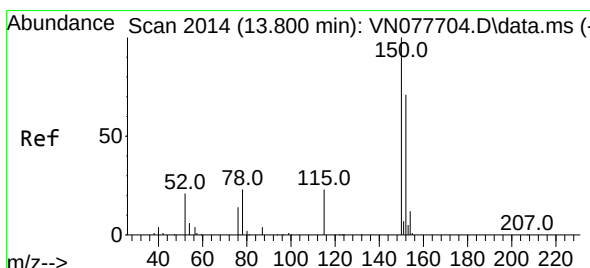
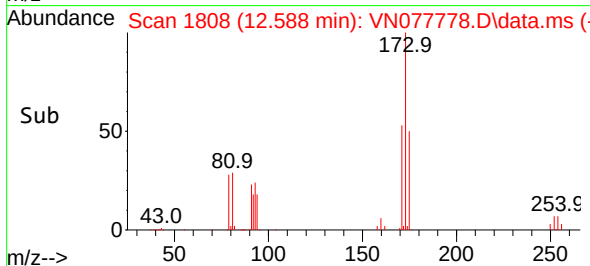
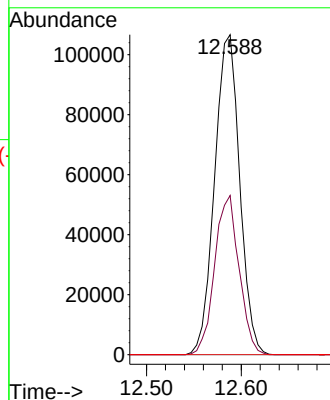
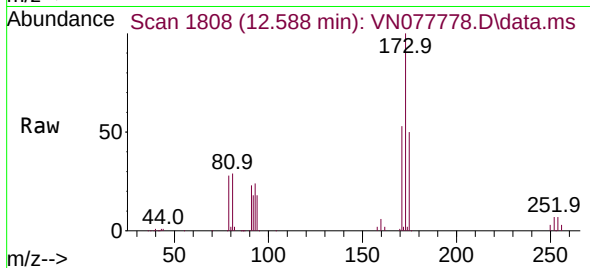
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

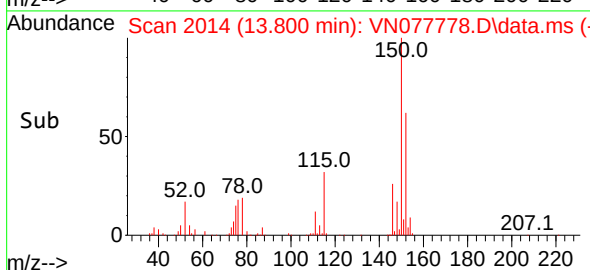
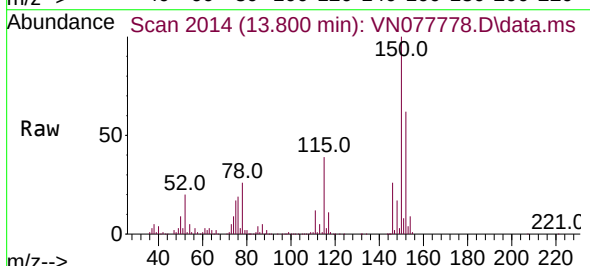
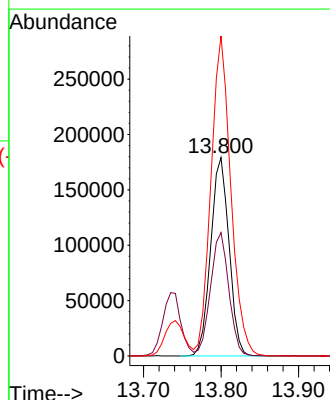
Tgt Ion:152 Resp: 294904

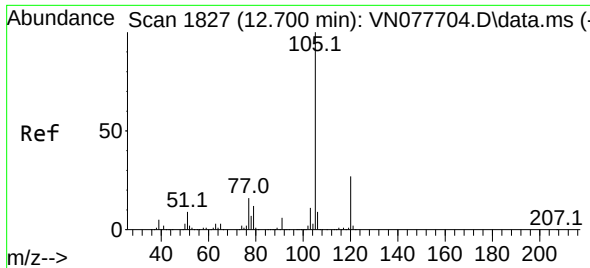
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

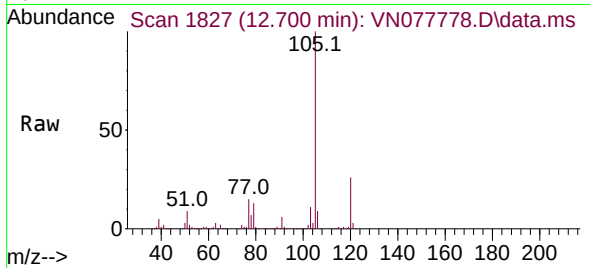
150 174.3 0.0 355.8





#73
Isopropylbenzene
Concen: 52.290 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

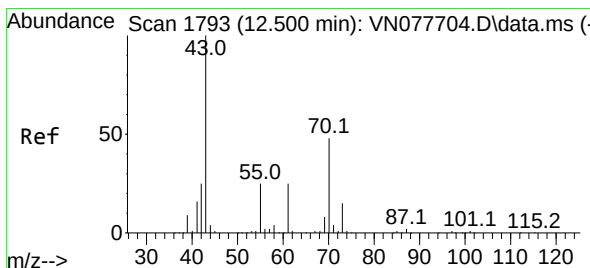
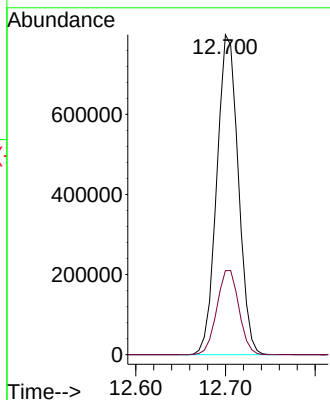
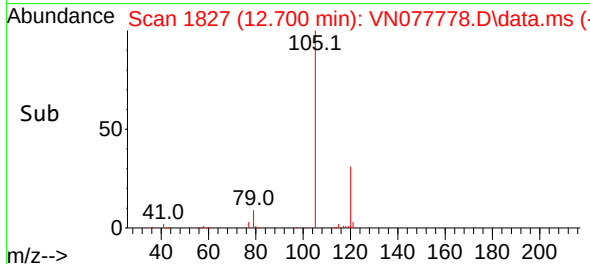
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1329249
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

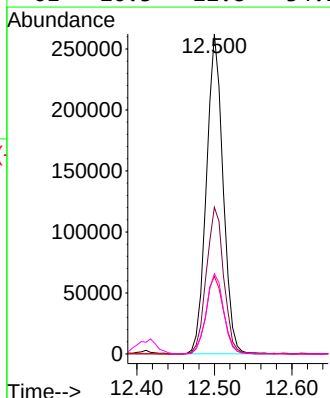
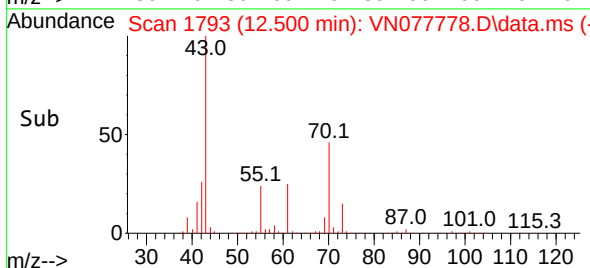
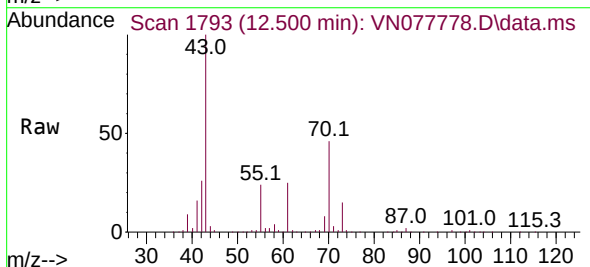
Manual Integrations
APPROVED

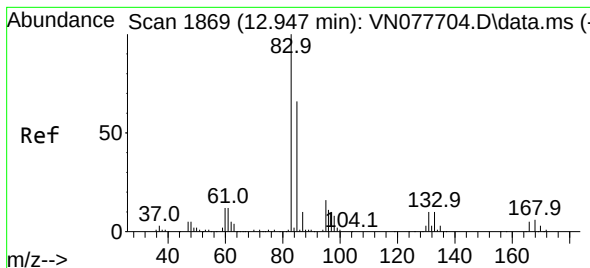
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#74
N-ethyl acetate
Concen: 41.466 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 43 Resp: 389622
Ion Ratio Lower Upper
43 100
70 47.8 43.4 65.2
55 26.0 21.4 32.0
61 26.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.885 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 358840

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

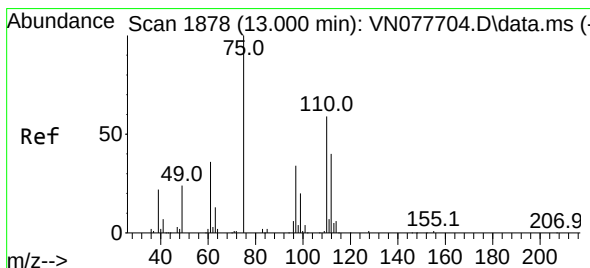
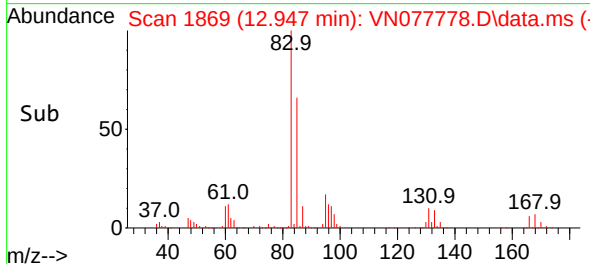
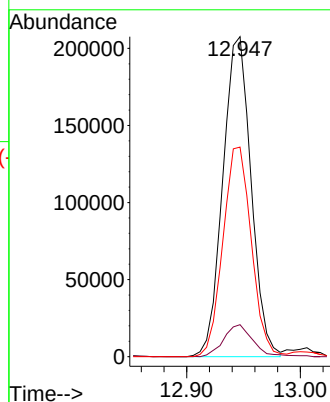
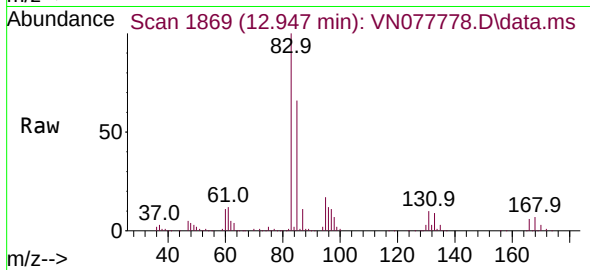
85 66.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#76

1,2,3-Trichloropropane

Concen: 43.154 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077778.D

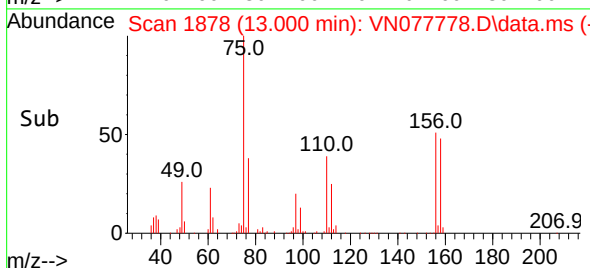
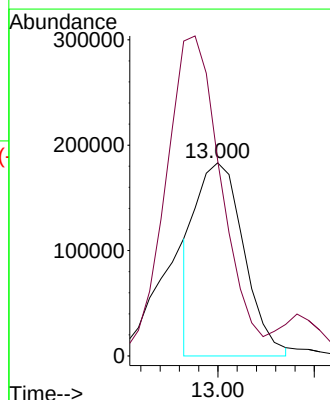
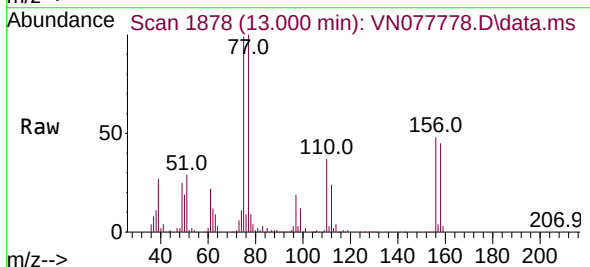
Acq: 22 May 2023 10:19

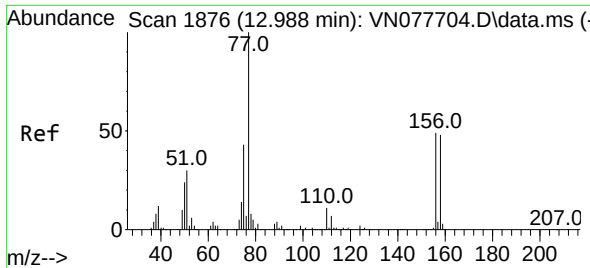
Tgt Ion: 75 Resp: 318712

Ion Ratio Lower Upper

75 100

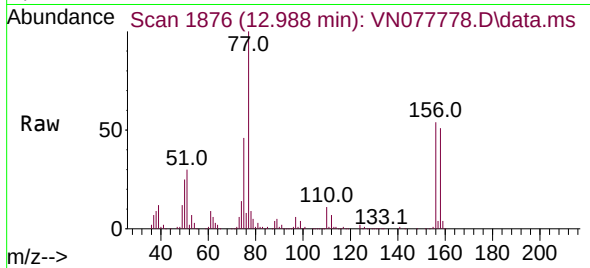
77 191.6 84.5 253.5





#77
Bromobenzene
Concen: 50.592 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

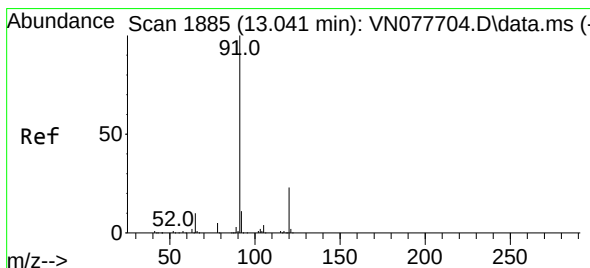
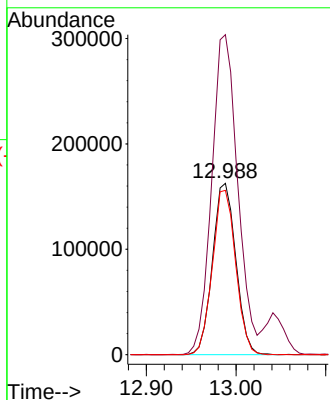
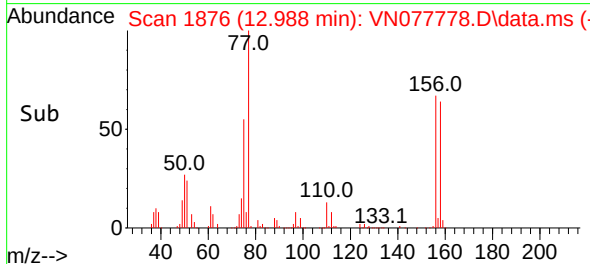
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 293490
Ion Ratio Lower Upper
156 100
77 208.0 107.7 323.3
158 95.7 48.4 145.3

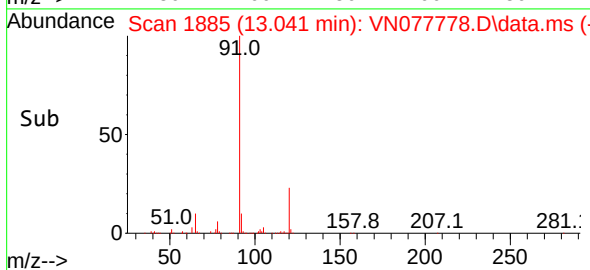
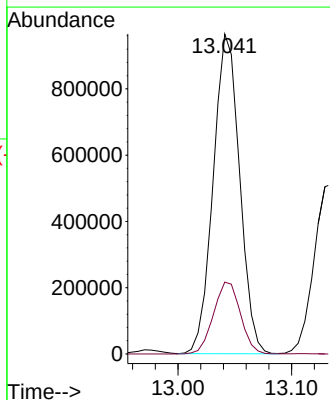
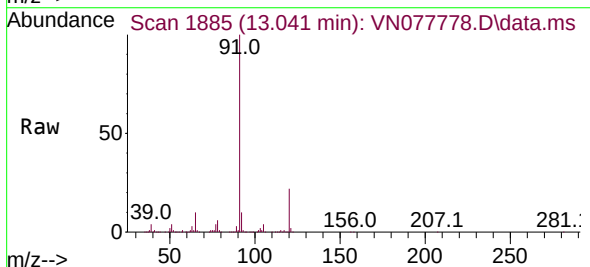
Manual Integrations
APPROVED

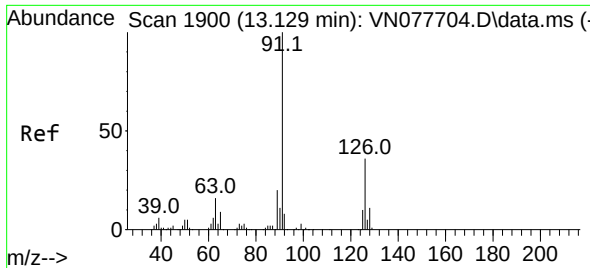
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#78
n-propylbenzene
Concen: 52.072 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion: 91 Resp: 1560566
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





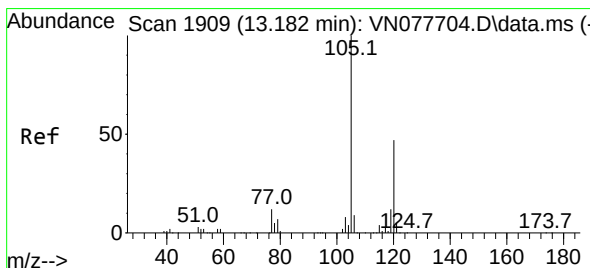
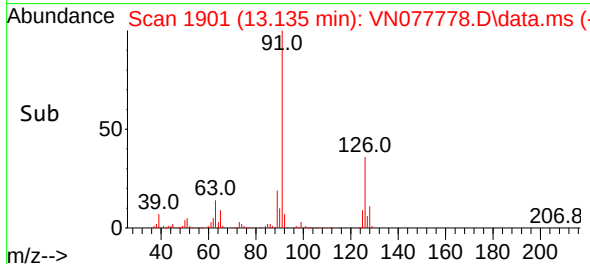
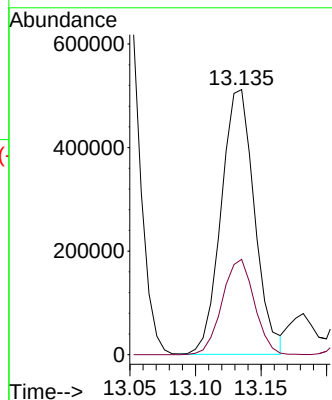
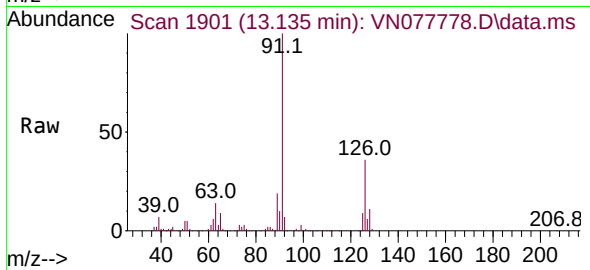
#79
2-Chlorotoluene
Concen: 50.719 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 907020
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

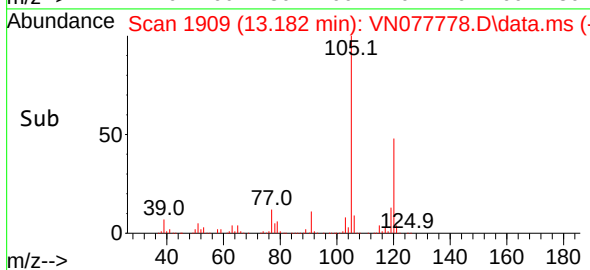
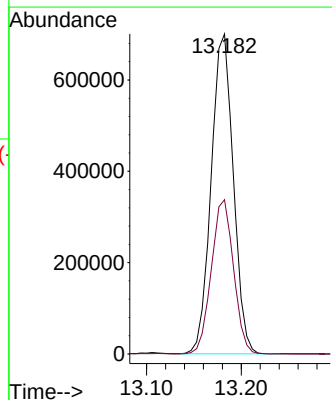
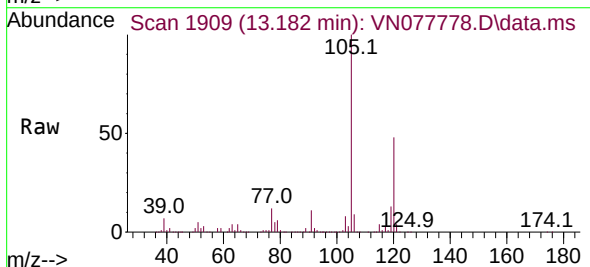
Manual Integrations
APPROVED

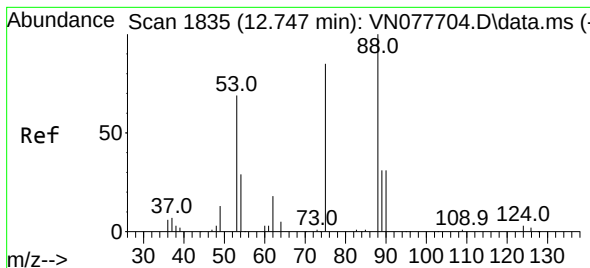
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.197 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

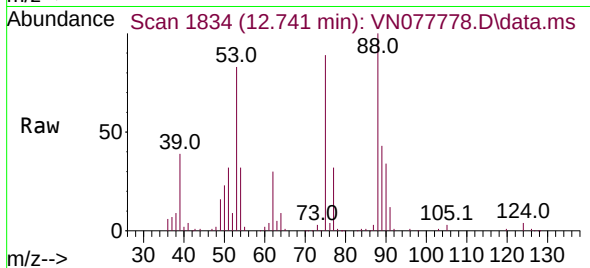
Tgt Ion:105 Resp: 1136576
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.499 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

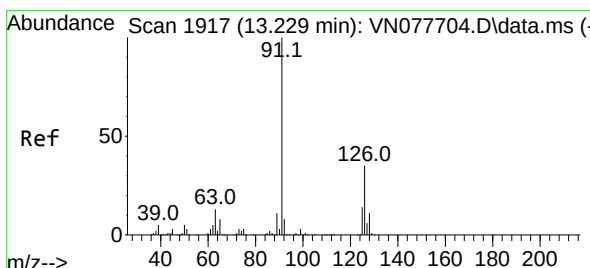
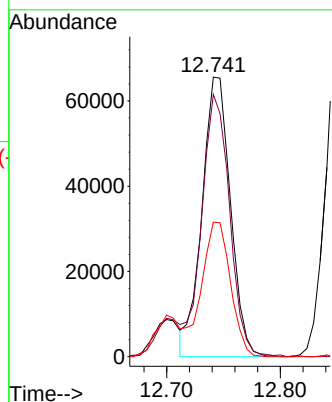
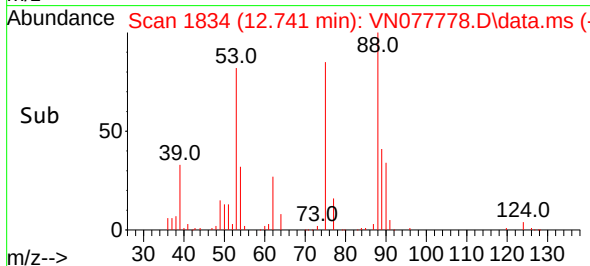
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 114360
Ion Ratio Lower Upper
75 100
53 92.3 67.4 101.2
89 49.7 38.8 58.2

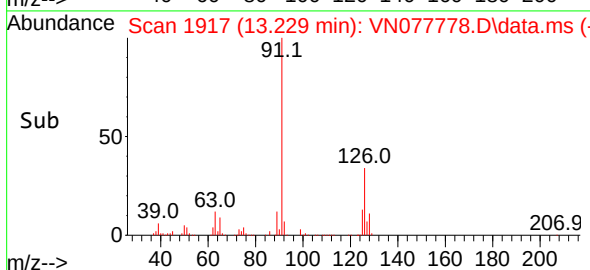
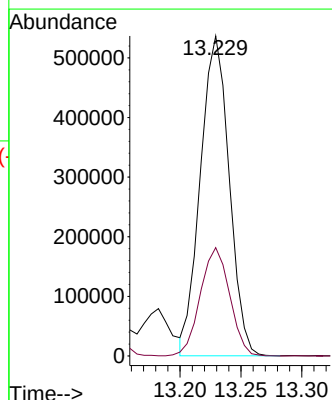
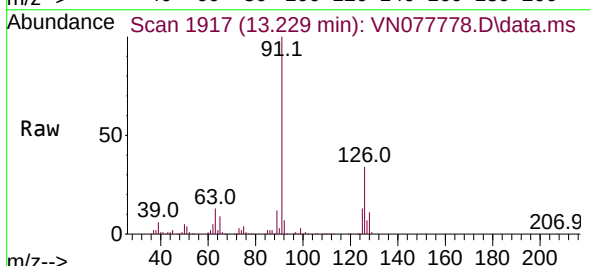
Manual Integrations
APPROVED

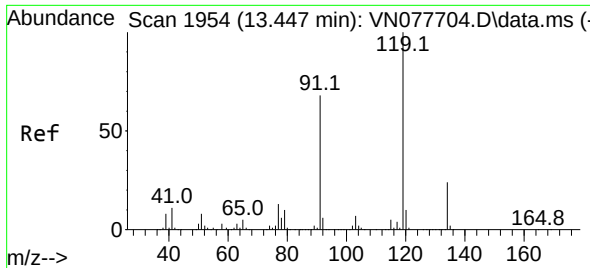
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#82
4-Chlorotoluene
Concen: 49.531 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

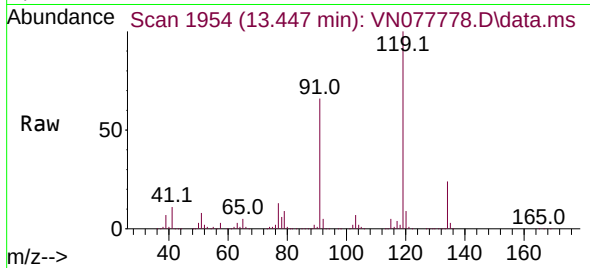
Tgt Ion: 91 Resp: 881309
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 52.867 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

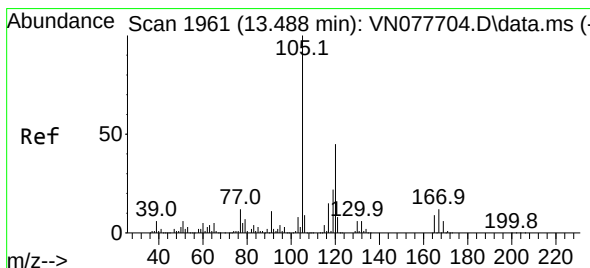
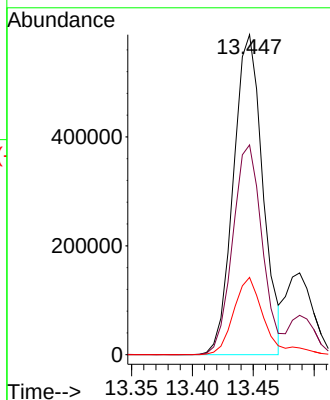
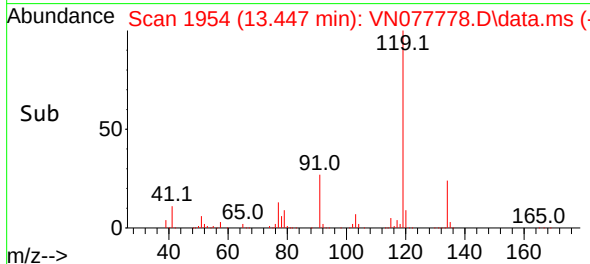
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



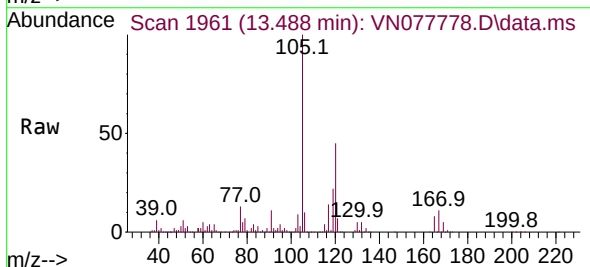
Tgt Ion:119 Resp: 98606
Ion Ratio Lower Upper
119 100
91 66.8 33.9 101.7
134 25.3 13.2 39.6

Manual Integrations
APPROVED

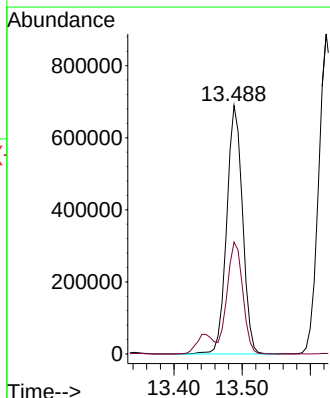
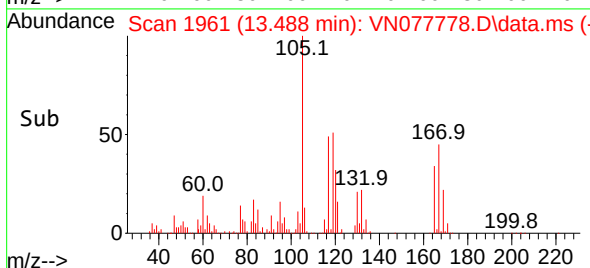
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

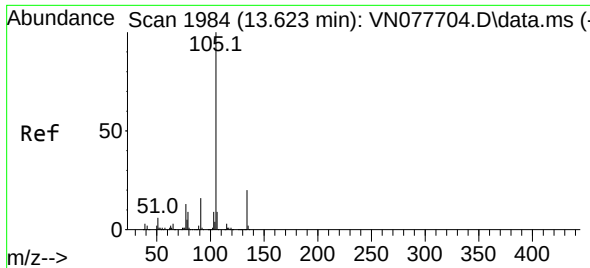


#84
1,2,4-Trimethylbenzene
Concen: 52.909 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19



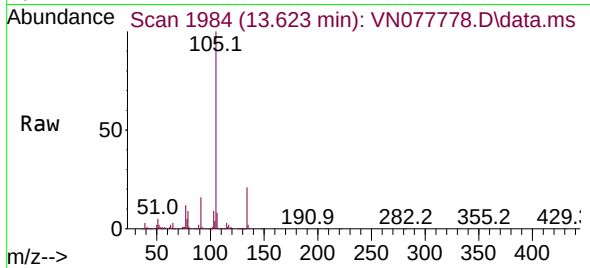
Tgt Ion:105 Resp: 1111753
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 53.217 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077778.D
 Acq: 22 May 2023 10:19

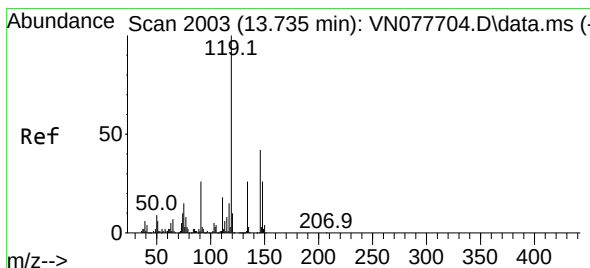
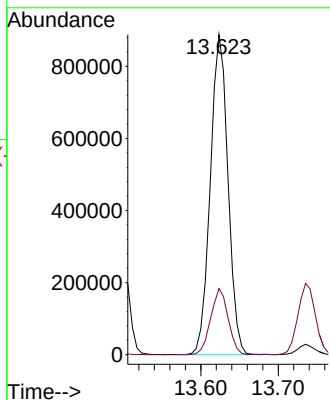
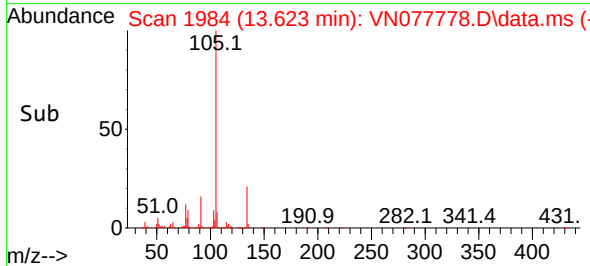
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



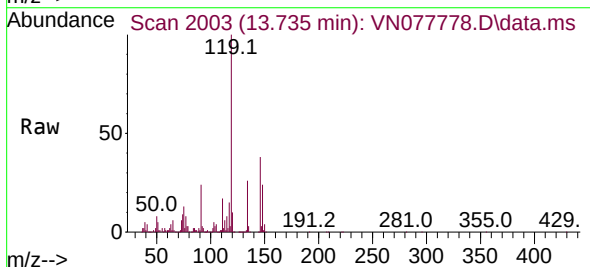
Tgt Ion:105 Resp: 141064
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

Manual Integrations
 APPROVED

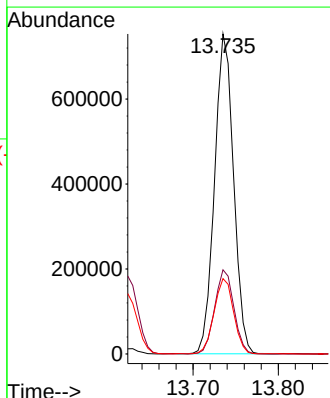
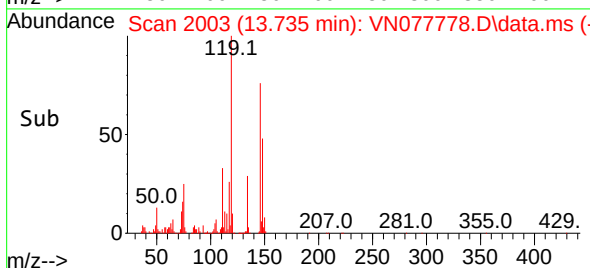
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023

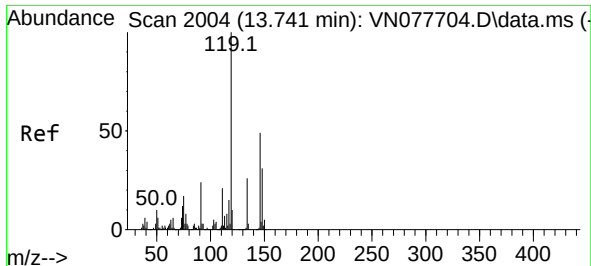


#86
 p-Isopropyltoluene
 Concen: 55.140 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077778.D
 Acq: 22 May 2023 10:19



Tgt Ion:119 Resp: 1165253
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.187 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 549160

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.3

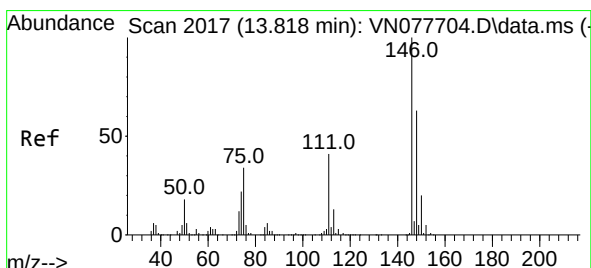
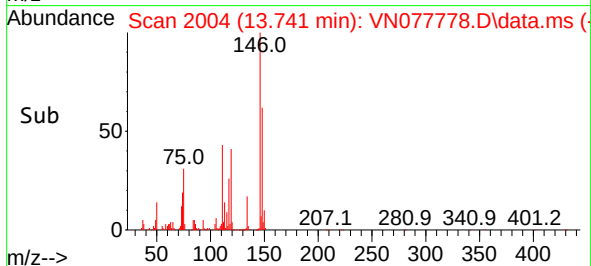
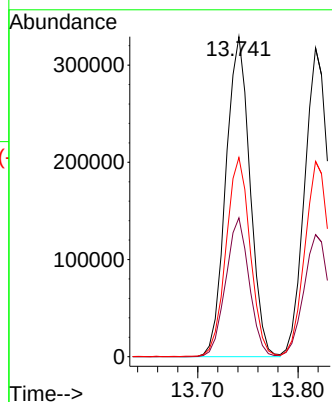
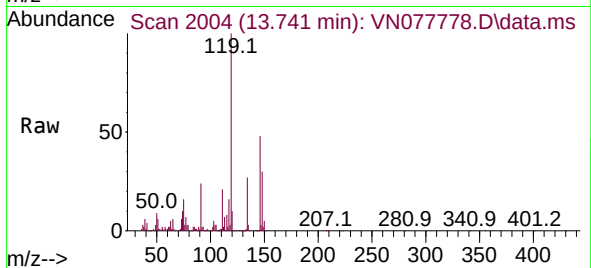
148 62.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#88

1,4-Dichlorobenzene

Concen: 50.102 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

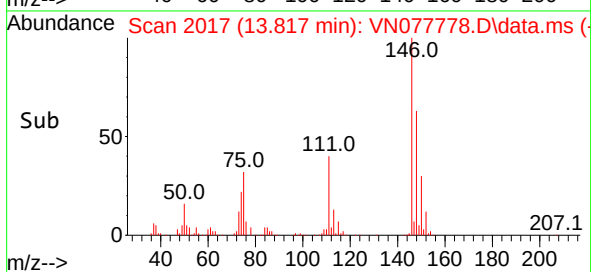
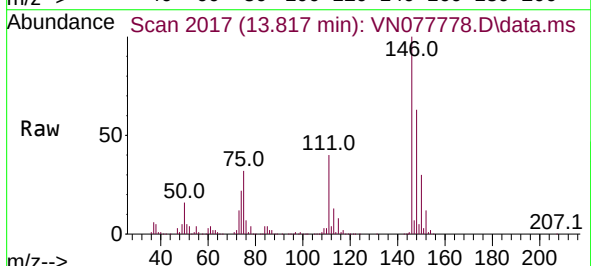
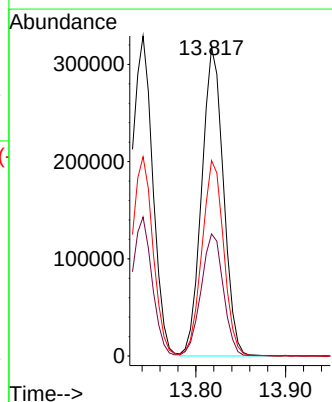
Tgt Ion:146 Resp: 533387

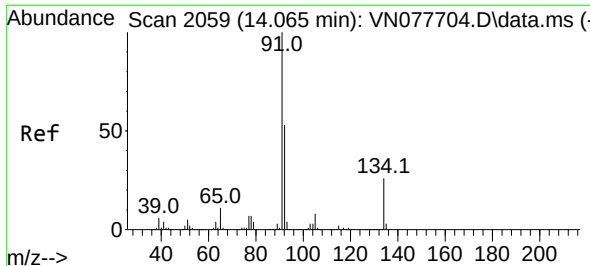
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.8

148 63.4 31.6 94.8





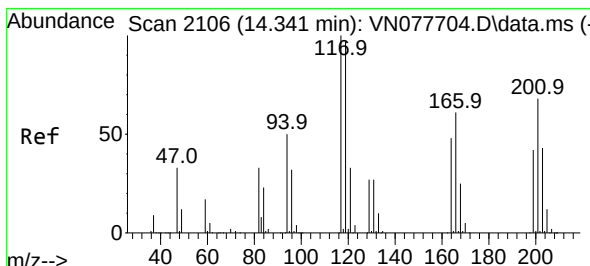
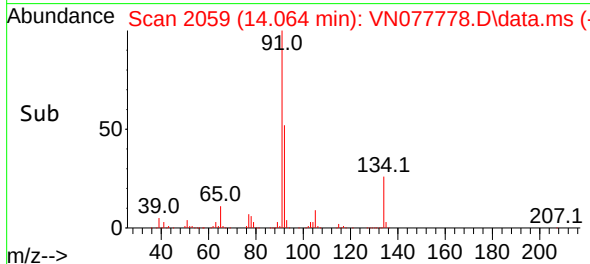
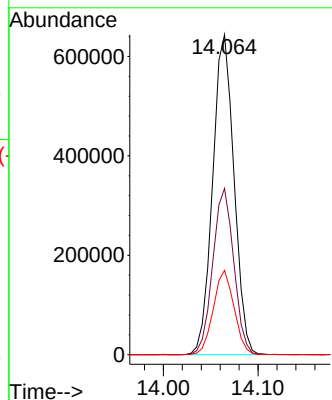
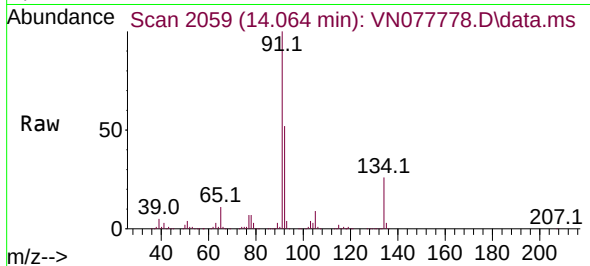
#89
n-Butylbenzene
Concen: 52.002 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 101077
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 25.6 12.6 37.6

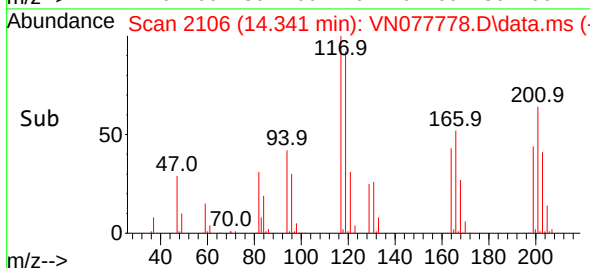
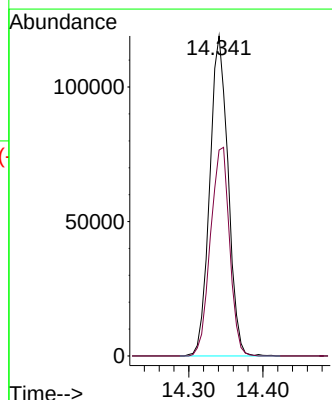
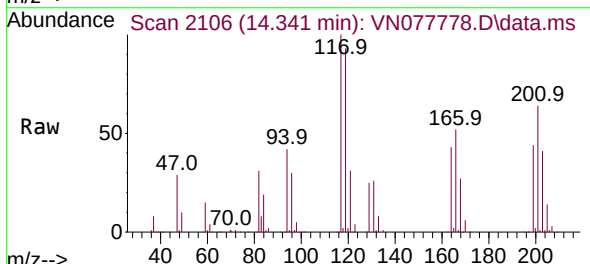
Manual Integrations
APPROVED

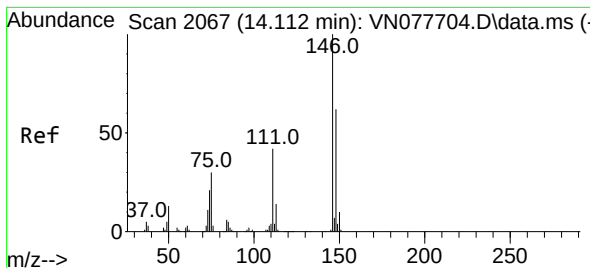
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#90
Hexachloroethane
Concen: 58.908 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077778.D
Acq: 22 May 2023 10:19

Tgt Ion:117 Resp: 204506
Ion Ratio Lower Upper
117 100
201 67.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 53.351 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 53471

Ion Ratio Lower Upper

146 100

111 43.3 22.0 66.0

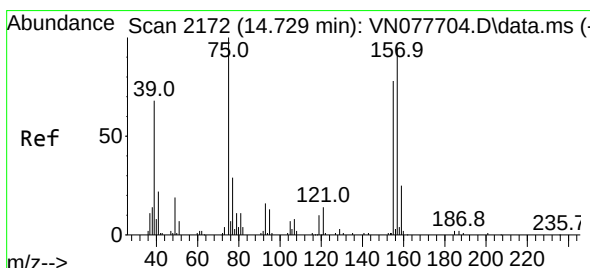
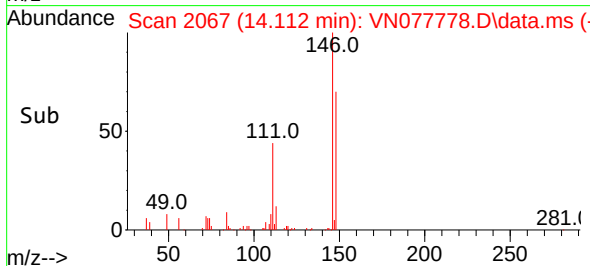
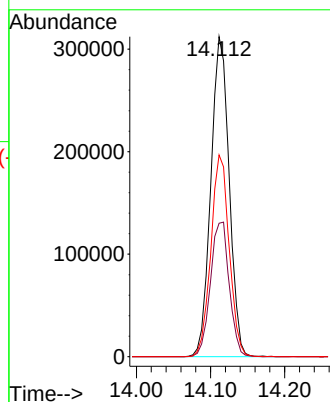
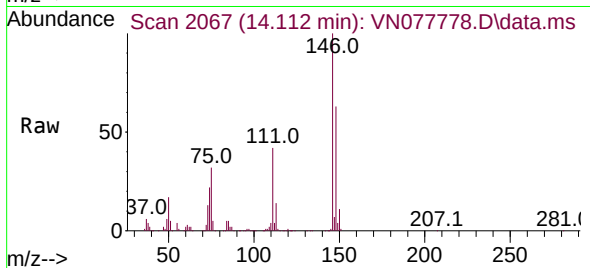
148 63.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.312 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

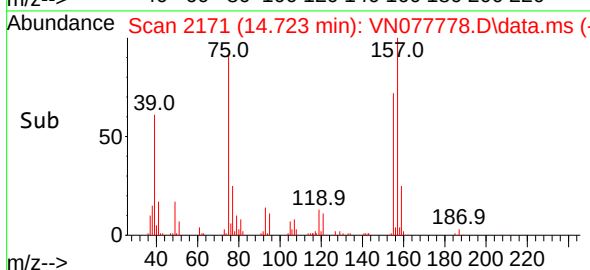
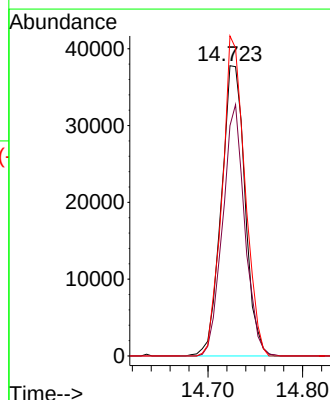
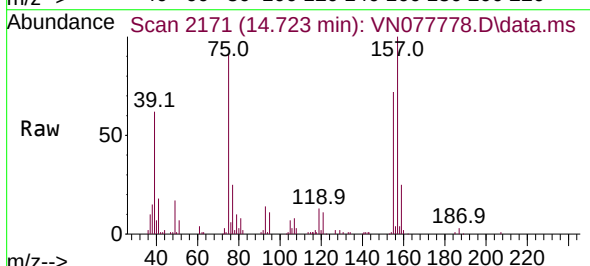
Tgt Ion: 75 Resp: 65576

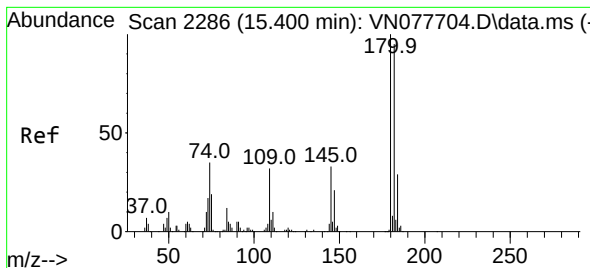
Ion Ratio Lower Upper

75 100

155 80.7 39.1 117.2

157 105.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.179 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 25875

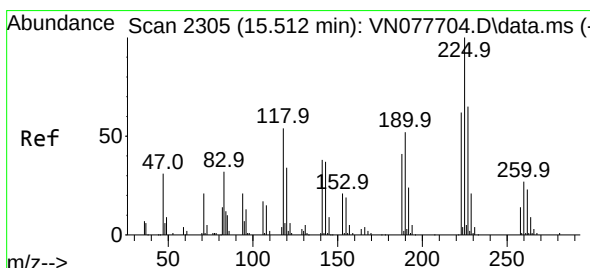
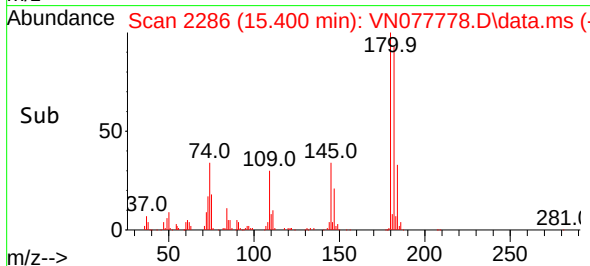
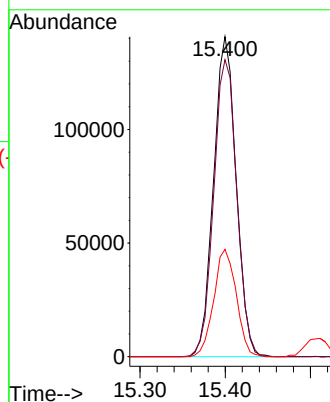
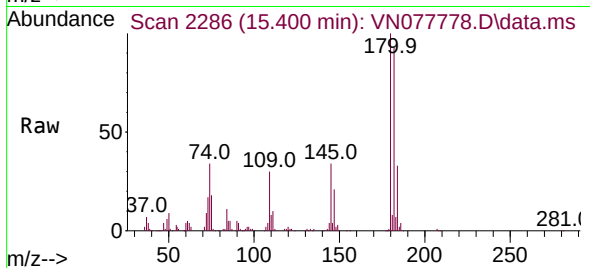
Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.1	138.2
145	33.5	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#94

Hexachlorobutadiene

Concen: 55.502 ug/l

RT: 15.506 min Scan# 2304

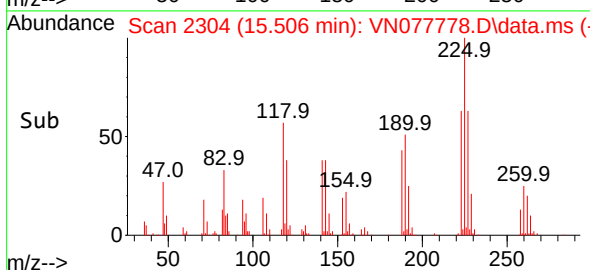
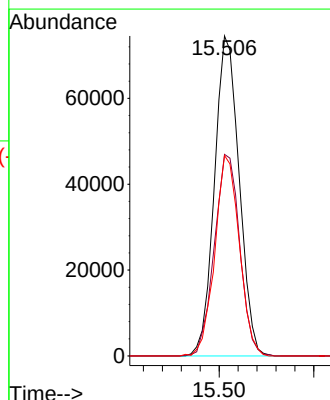
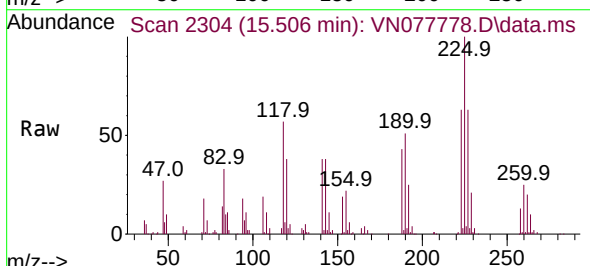
Delta R.T. -0.000 min

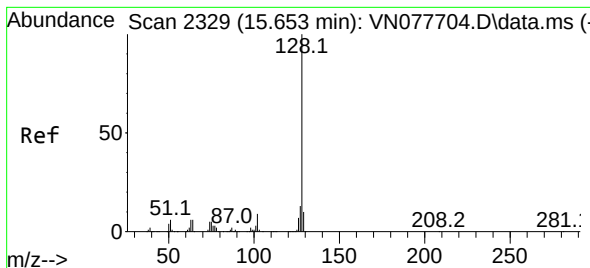
Lab File: VN077778.D

Acq: 22 May 2023 10:19

Tgt Ion:225 Resp: 134968

Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.3	93.8
227	62.2	31.9	95.9





#95

Naphthalene

Concen: 37.449 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 75496

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

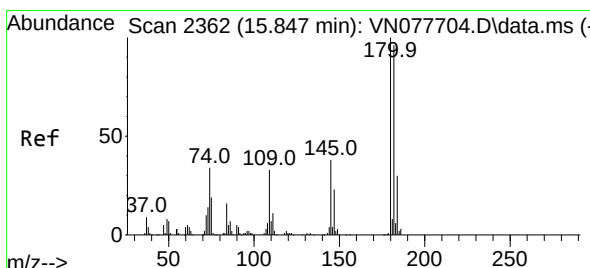
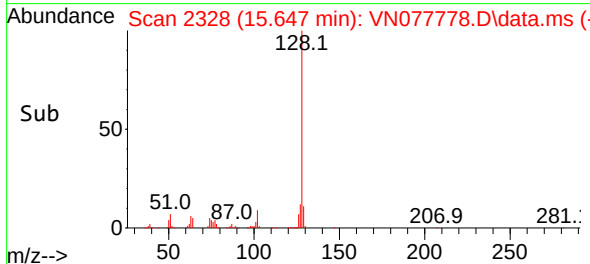
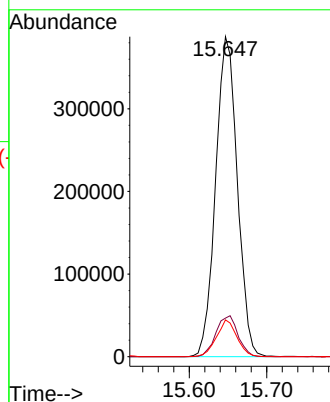
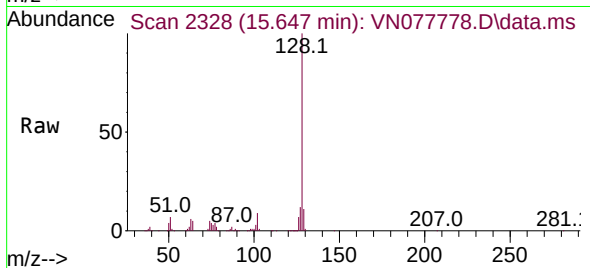
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.383 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077778.D

Acq: 22 May 2023 10:19

Tgt Ion:180 Resp: 260248

Ion Ratio Lower Upper

180 100

182 94.6 46.2 138.6

145 34.9 17.5 52.6

