

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078077.D
 Acq On : 06 Jun 2023 18:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:23:47 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	374778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	683721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	596701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	242964	43.327	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.660%		
35) Dibromofluoromethane	8.171	113	220135	49.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	10.576	98	783733	45.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.853	95	267230	44.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	158477	37.156	ug/l	97
3) Chloromethane	2.371	50	180572	39.556	ug/l	99
4) Vinyl Chloride	2.518	62	241680	44.943	ug/l	99
5) Bromomethane	2.948	94	180905	45.486	ug/l	100
6) Chloroethane	3.124	64	181565	46.850	ug/l	100
7) Trichlorofluoromethane	3.506	101	358330	47.814	ug/l	99
8) Diethyl Ether	3.971	74	138729	50.707	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	193146	46.571	ug/l	95
10) Methyl Iodide	4.595	142	275940	55.789	ug/l	99
11) Tert butyl alcohol	5.536	59	195727	252.907	ug/l	99
12) 1,1-Dichloroethene	4.347	96	197956	50.219	ug/l	94
13) Acrolein	4.189	56	112352	231.196	ug/l	96
14) Allyl chloride	5.036	41	257368	44.445	ug/l	92
15) Acrylonitrile	5.730	53	521312	252.135	ug/l	100
16) Acetone	4.436	43	395768	224.328	ug/l	99
17) Carbon Disulfide	4.724	76	388592	36.587	ug/l	99
18) Methyl Acetate	5.042	43	372840	50.375	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	743136	52.085	ug/l	100
20) Methylene Chloride	5.289	84	243405	53.131	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	214988	48.554	ug/l	92
22) Diisopropyl ether	6.683	45	679315	50.049	ug/l	96
23) Vinyl Acetate	6.612	43	2046177	243.314	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	427793	51.445	ug/l	98
25) 2-Butanone	7.494	43	652299	236.357	ug/l	89
26) 2,2-Dichloropropane	7.500	77	360814	51.073	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	272140	51.259	ug/l	92
28) Bromochloromethane	7.824	49	160496	44.628	ug/l	94
29) Tetrahydrofuran	7.841	42	421377	233.179	ug/l	88
30) Chloroform	7.977	83	468171	51.181	ug/l	95
31) Cyclohexane	8.259	56	303103	39.769	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	419705	53.967	ug/l	98
36) 1,1-Dichloropropene	8.377	75	322824	49.504	ug/l	98
37) Ethyl Acetate	7.571	43	276488	47.569	ug/l	95
38) Carbon Tetrachloride	8.371	117	355250	53.948	ug/l	95
39) Methylcyclohexane	9.606	83	315503	39.519	ug/l	93
40) Benzene	8.618	78	1000538	51.993	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	157199	50.784	ug/l	91
42) 1,2-Dichloroethane	8.677	62	351024	50.215	ug/l	99
43) Isopropyl Acetate	8.694	43	531372	55.969	ug/l	92
44) Trichloroethene	9.359	130	262307	53.832	ug/l	91
45) 1,2-Dichloropropane	9.629	63	258161	52.594	ug/l	95
46) Dibromomethane	9.718	93	186648	53.140	ug/l	93
47) Bromodichloromethane	9.894	83	379567	56.445	ug/l	95
48) Methyl methacrylate	9.688	41	222713	49.478	ug/l	93
49) 1,4-Dioxane	9.700	88	95964	1128.764	ug/l	97
51) 4-Methyl-2-Pentanone	10.453	43	1473456	261.097	ug/l	93
52) Toluene	10.635	92	633645	52.891	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	400048	56.178	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	425921	54.275	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	265462	55.806	ug/l	96
56) Ethyl methacrylate	10.882	69	393126	54.659	ug/l	92
57) 1,3-Dichloropropane	11.171	76	444670	54.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	754122	213.127	ug/l	94
59) 2-Hexanone	11.200	43	1032999	247.476	ug/l	95
60) Dibromochloromethane	11.365	129	284674	57.969	ug/l	97
61) 1,2-Dibromoethane	11.476	107	268263	56.529	ug/l	98
64) Tetrachloroethene	11.112	164	195518	46.855	ug/l	100
65) Chlorobenzene	11.900	112	711346	54.991	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	273253	61.049	ug/l	99
67) Ethyl Benzene	11.970	91	1233539	53.212	ug/l	100
68) m/p-Xylenes	12.076	106	941563	107.194	ug/l	100
69) o-Xylene	12.406	106	472409	54.688	ug/l	99
70) Styrene	12.418	104	772493	56.294	ug/l	99
71) Bromoform	12.582	173	185072	62.156	ug/l #	99
73) Isopropylbenzene	12.700	105	1163580	52.215	ug/l	99
74) N-amyl acetate	12.500	43	404998	49.168	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	371859	54.242	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	294459m	45.481	ug/l	
77) Bromobenzene	12.988	156	271045	53.298	ug/l	98
78) n-propylbenzene	13.041	91	1282700	48.824	ug/l	99
79) 2-Chlorotoluene	13.129	91	810101	51.675	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	938801	50.125	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	103902	51.299	ug/l #	84
82) 4-Chlorotoluene	13.223	91	763355	48.939	ug/l	97
83) tert-Butylbenzene	13.447	119	829814	50.752	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	942454	51.165	ug/l	99
85) sec-Butylbenzene	13.623	105	1089725	46.896	ug/l	100
86) p-Isopropyltoluene	13.735	119	901626	48.670	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	468401	49.804	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	449406	48.154	ug/l	99
89) n-Butylbenzene	14.064	91	713034	41.847	ug/l	98
90) Hexachloroethane	14.341	117	161193	52.967	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	465890	53.026	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62240	46.894	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	182213	35.489	ug/l	98
94) Hexachlorobutadiene	15.506	225	89141	41.816	ug/l	96
95) Naphthalene	15.647	128	585525	33.132	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	187974	37.393	ug/l	97

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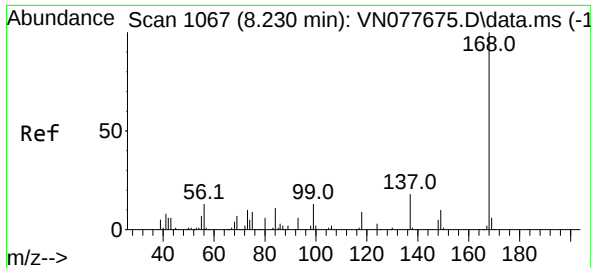
Manual Integrations
APPROVED

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



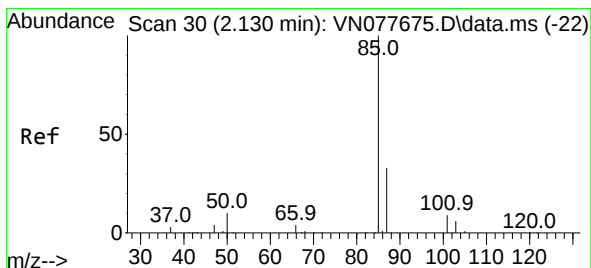
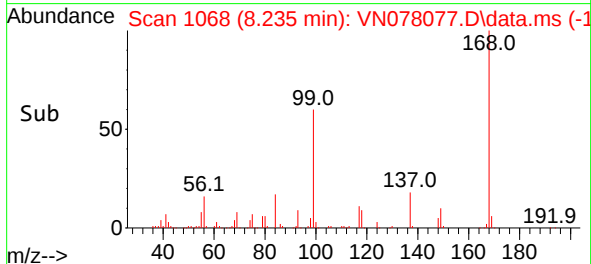
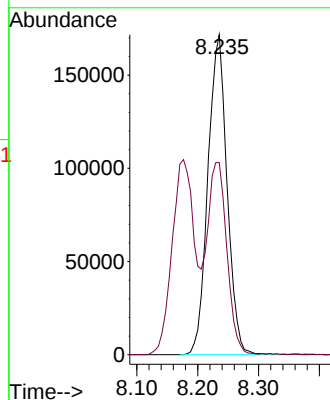
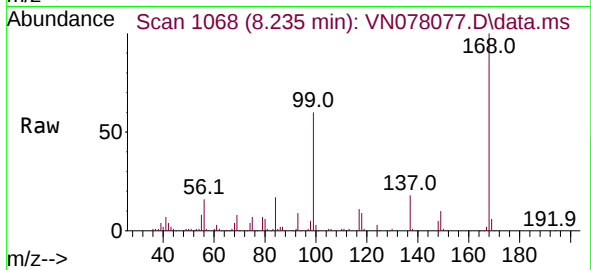
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 374778
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6

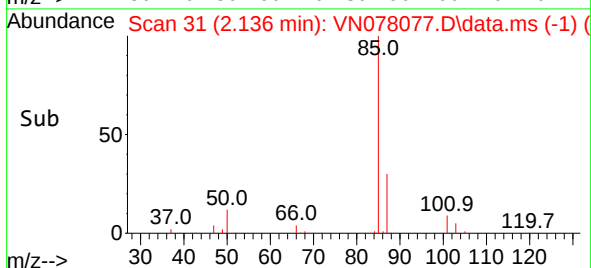
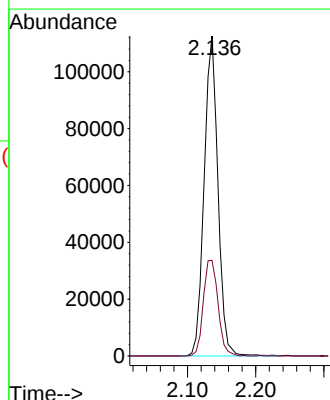
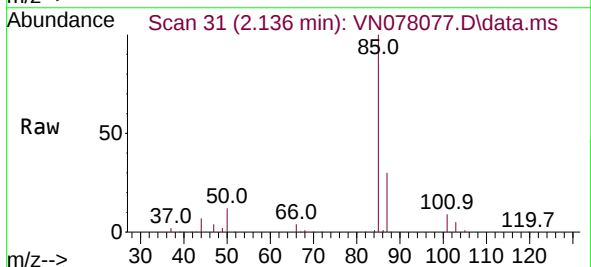
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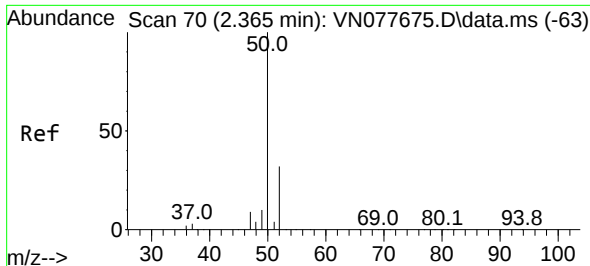
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#2
Dichlorodifluoromethane
Concen: 37.156 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

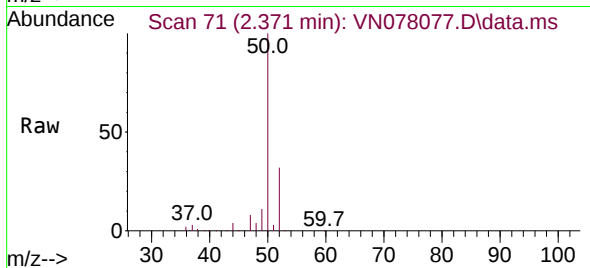
Tgt Ion: 85 Resp: 158477
Ion Ratio Lower Upper
85 100
87 29.8 15.8 47.4





#3
Chloromethane
Concen: 39.556 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

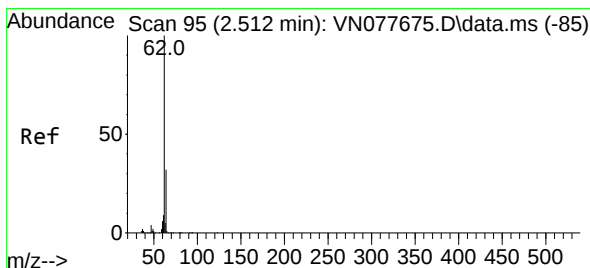
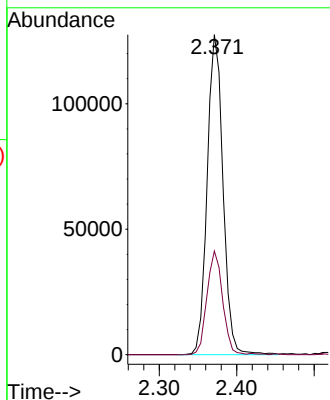
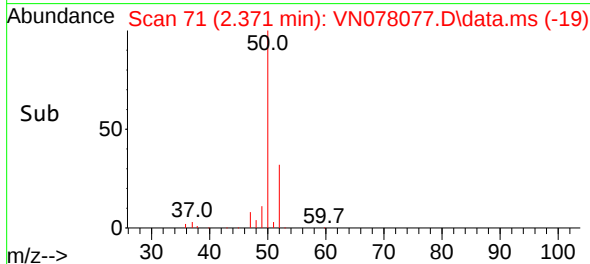
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 180572
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

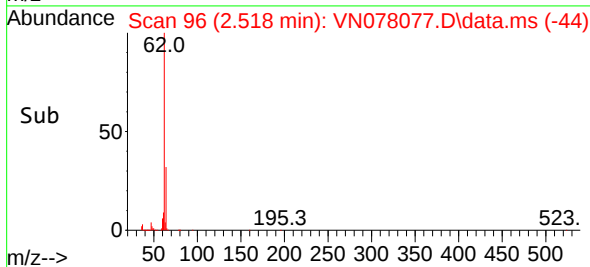
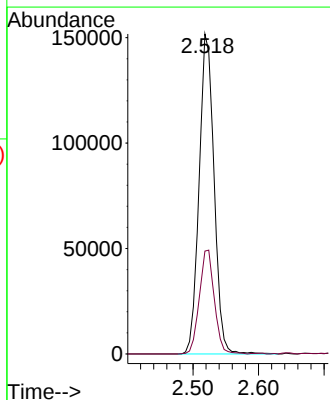
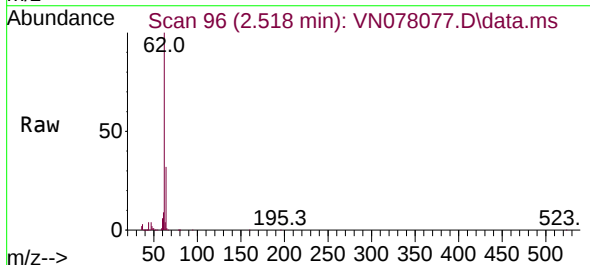
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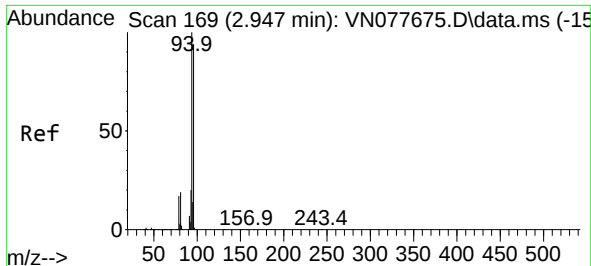
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#4
Vinyl Chloride
Concen: 44.943 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

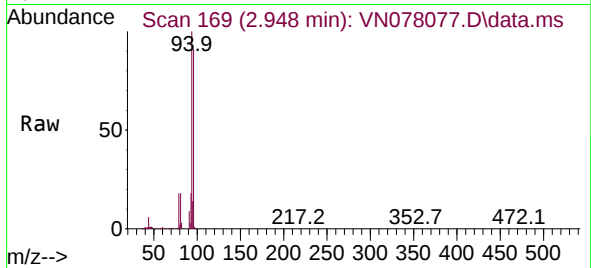
Tgt Ion: 62 Resp: 241680
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2





#5
Bromomethane
Concen: 45.486 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

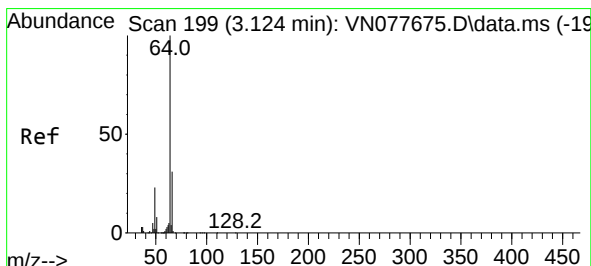
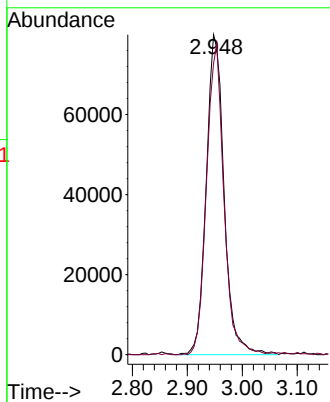
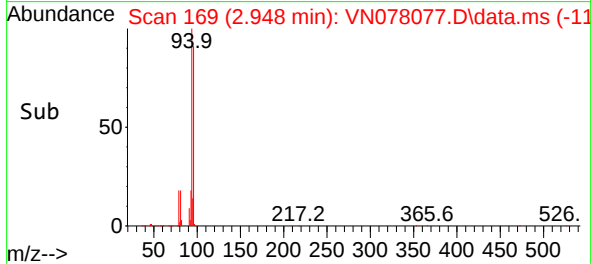
Instrument :
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Tgt Ion: 94 Resp: 18090
Ion Ratio Lower Upper
94 100
96 91.0 73.1 109.7

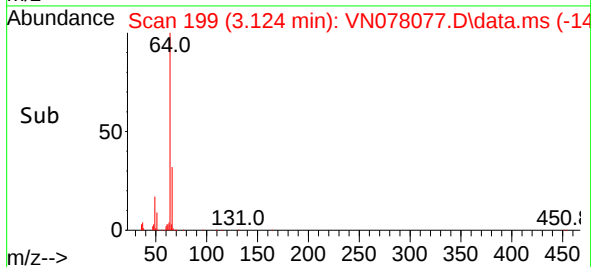
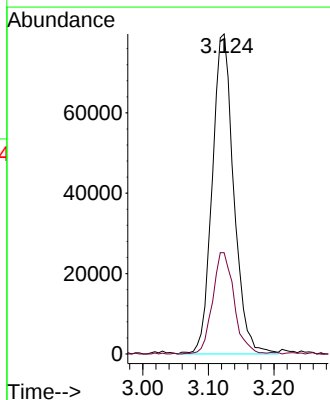
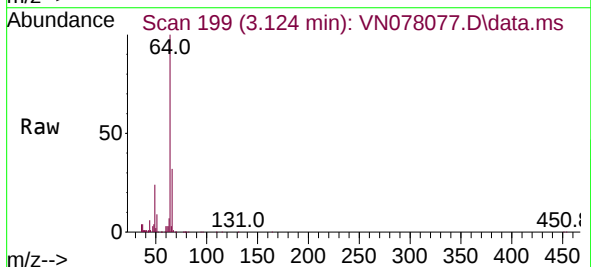
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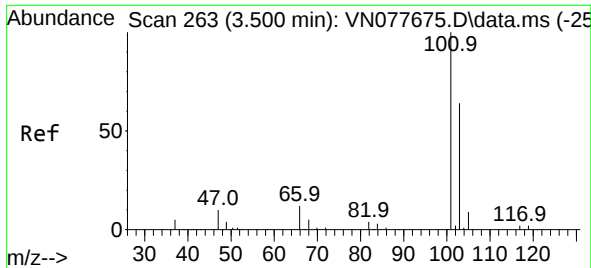
Reviewed By :John Carlone 06/07/2023
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#6
Chloroethane
Concen: 46.850 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 64 Resp: 181565
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2





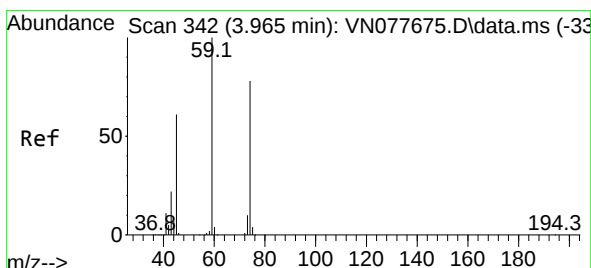
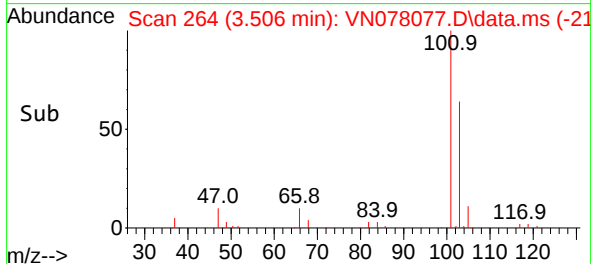
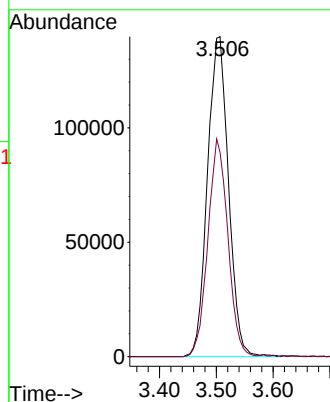
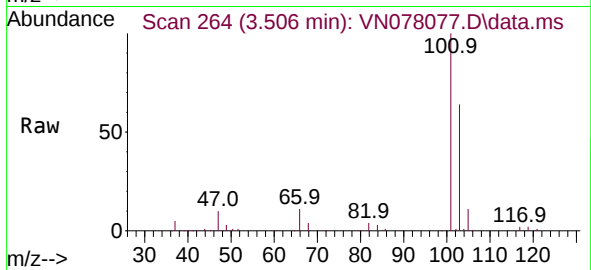
#7
Trichlorofluoromethane
Concen: 47.814 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 358330
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1

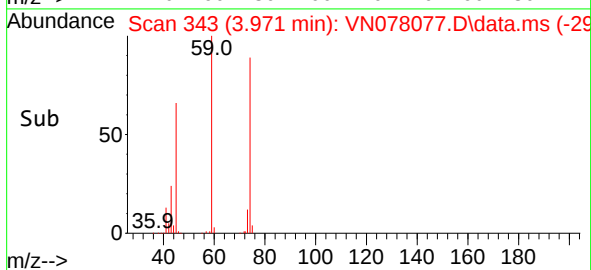
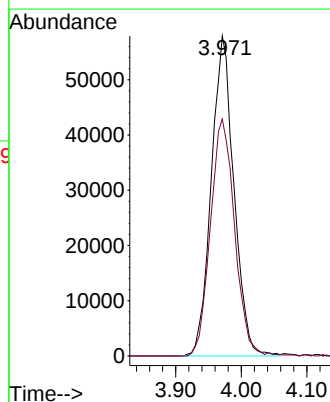
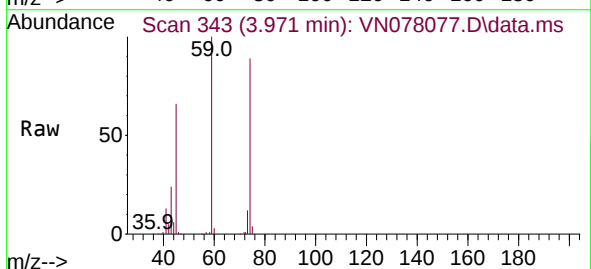
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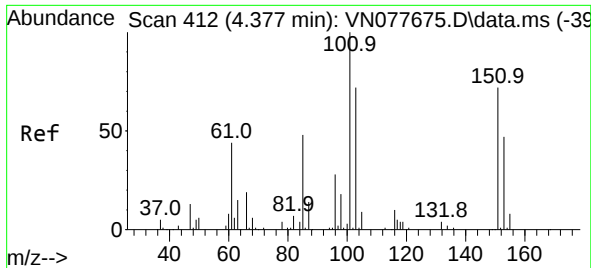
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#8
Diethyl Ether
Concen: 50.707 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 74 Resp: 138729
Ion Ratio Lower Upper
74 100
45 79.2 34.4 103.3





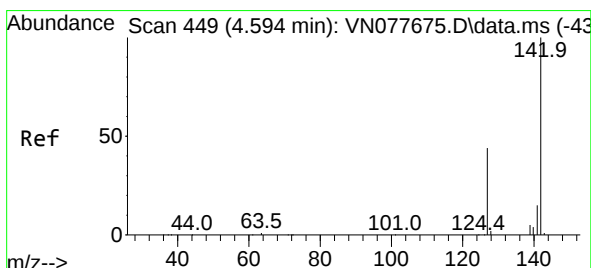
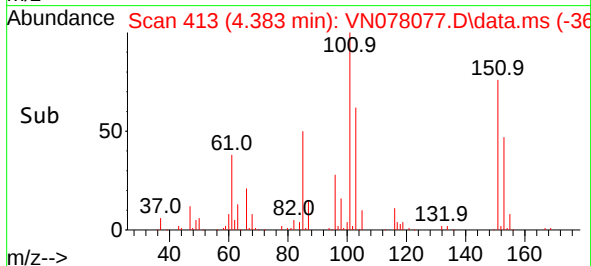
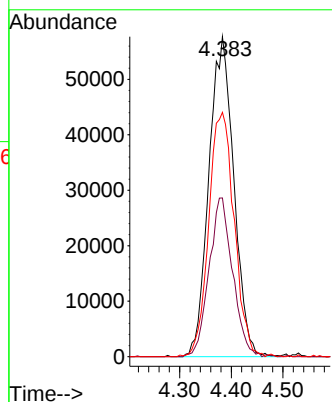
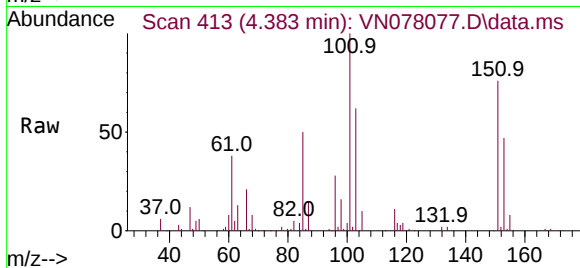
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.571 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 193140
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 77.9 57.6 86.4

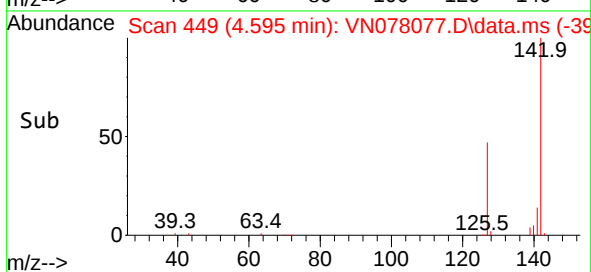
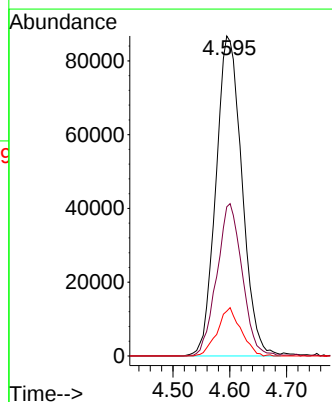
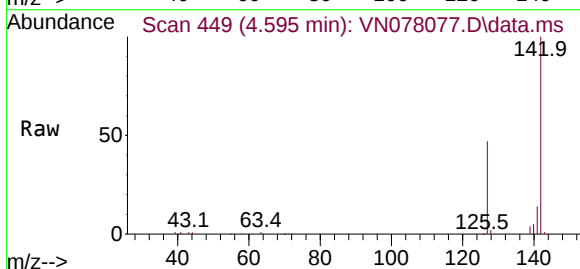
Manual Integrations
APPROVED

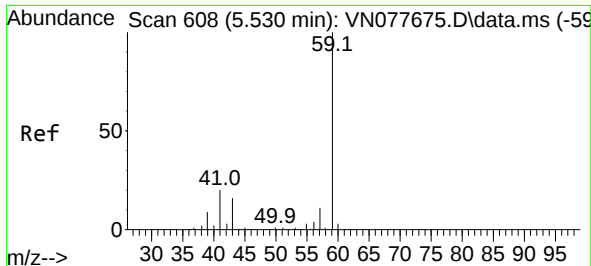
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#10
Methyl Iodide
Concen: 55.789 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion:142 Resp: 275940
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.0 11.4 17.0





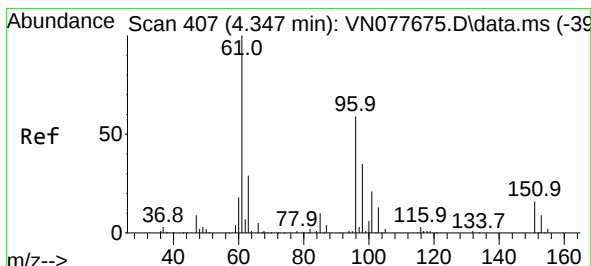
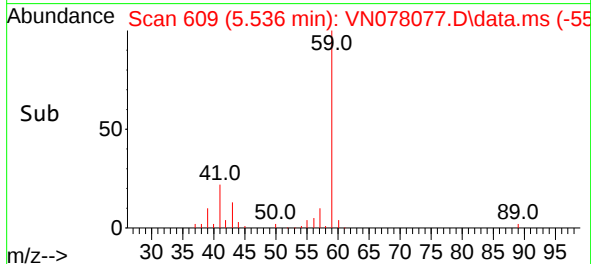
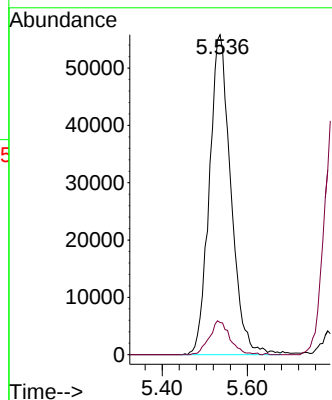
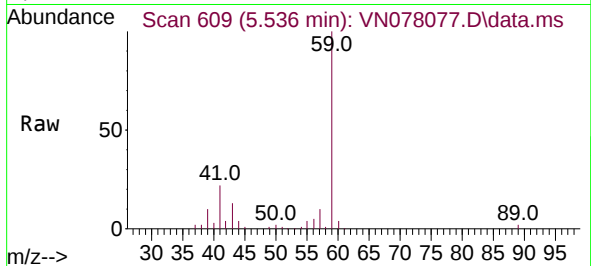
#11
Tert butyl alcohol
Concen: 252.907 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 19572
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

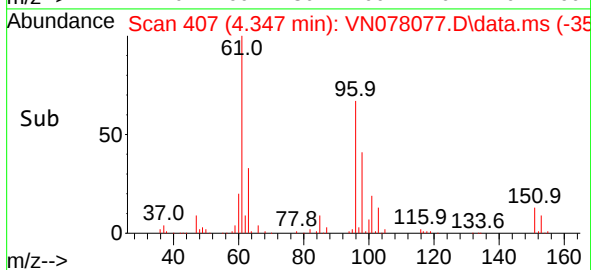
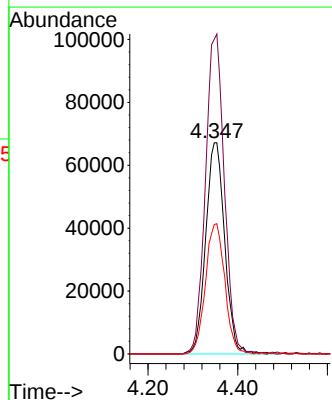
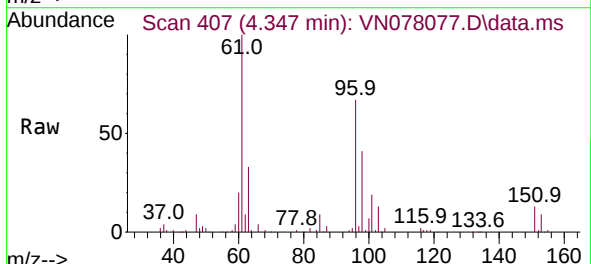
Manual Integrations
APPROVED

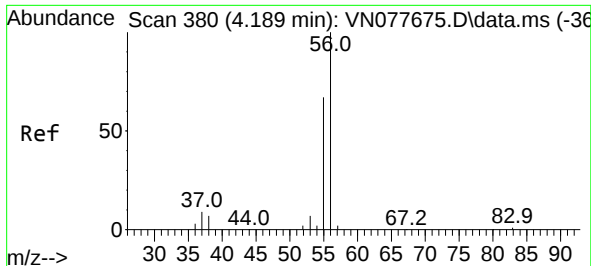
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#12
1,1-Dichloroethene
Concen: 50.219 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

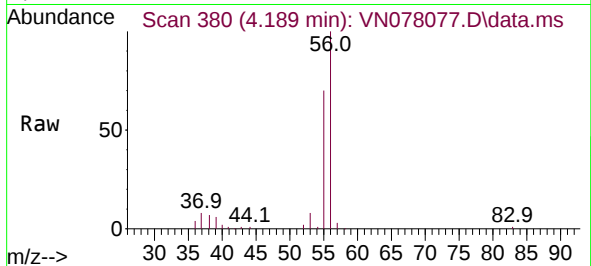
Tgt Ion: 96 Resp: 197956
Ion Ratio Lower Upper
96 100
61 149.0 112.7 169.1
98 61.3 51.2 76.8





#13
Acrolein
Concen: 231.196 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

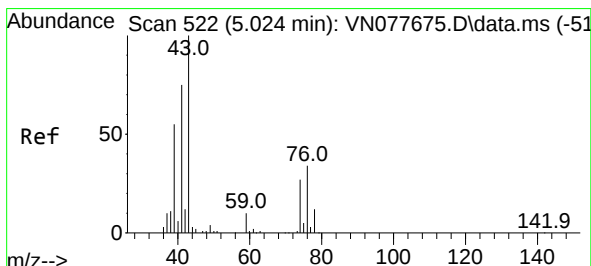
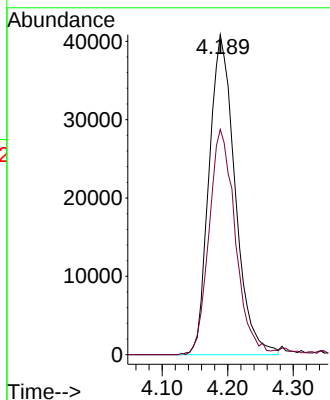
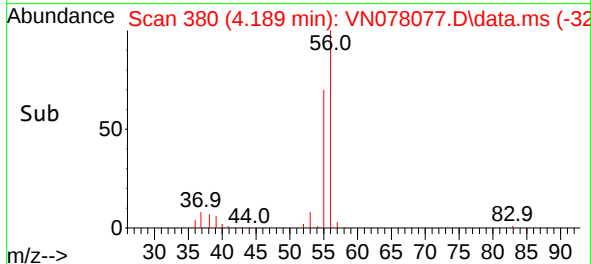
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 112352
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

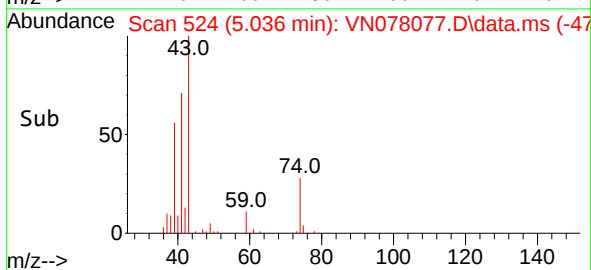
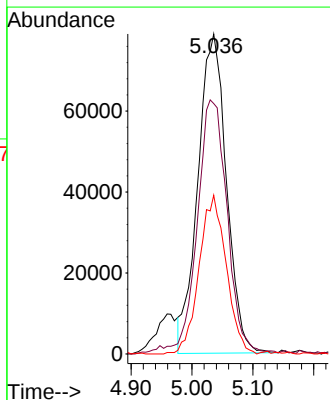
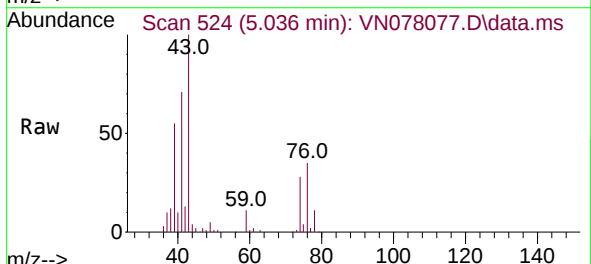
Manual Integrations
APPROVED

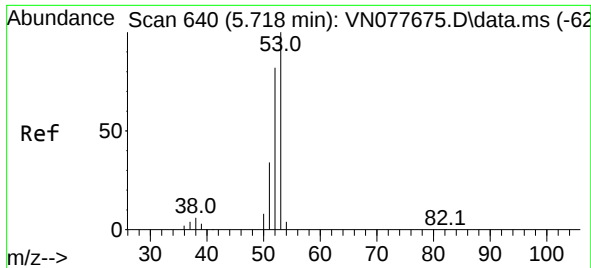
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#14
Allyl chloride
Concen: 44.445 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

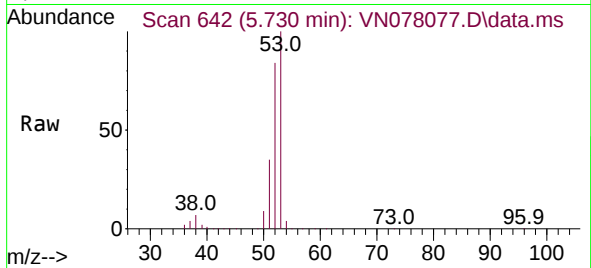
Tgt Ion: 41 Resp: 257368
Ion Ratio Lower Upper
41 100
39 83.9 58.8 88.2
76 47.1 39.1 58.7





#15
Acrylonitrile
Concen: 252.135 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

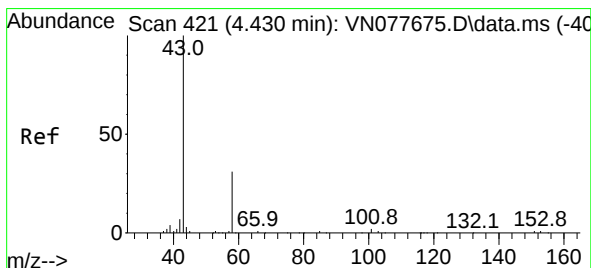
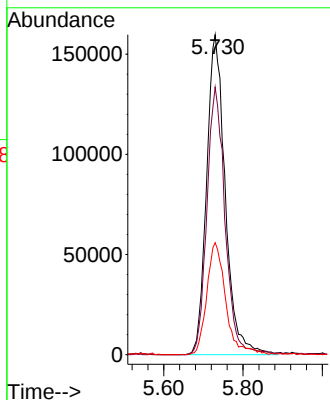
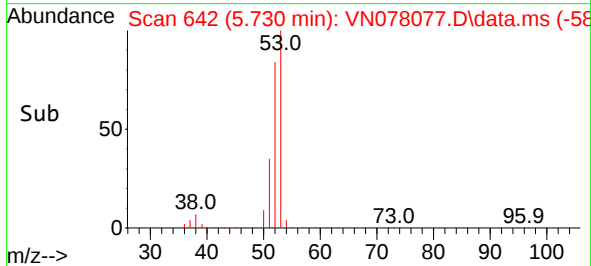
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 521312
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.6 28.9 43.3

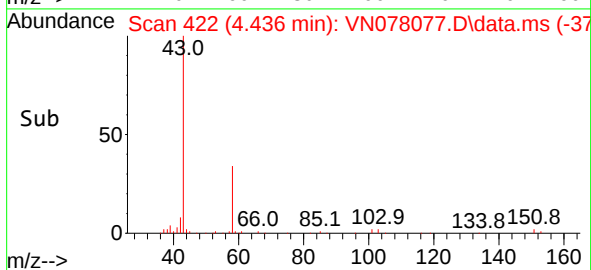
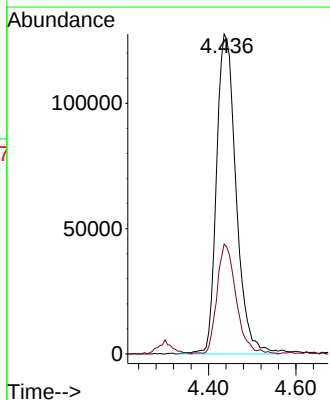
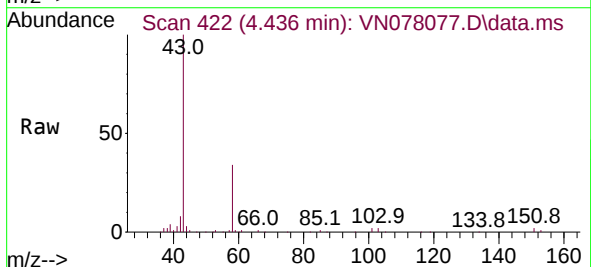
Manual Integrations
APPROVED

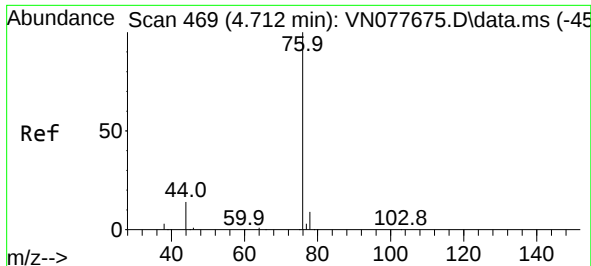
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#16
Acetone
Concen: 224.328 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 43 Resp: 395768
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0





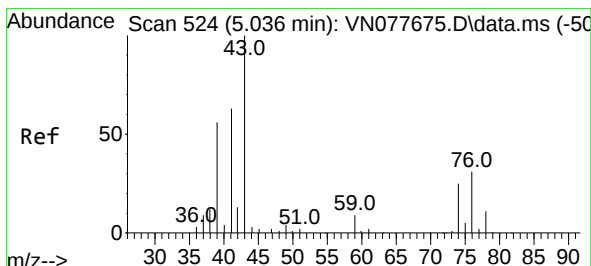
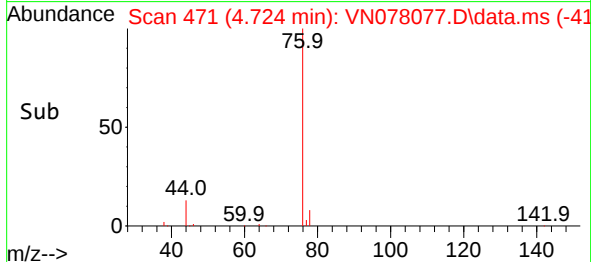
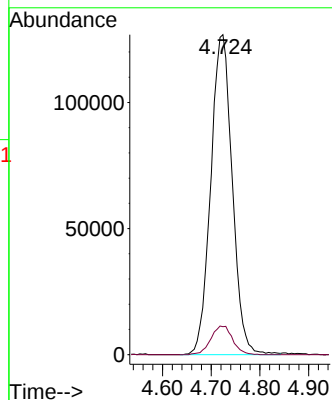
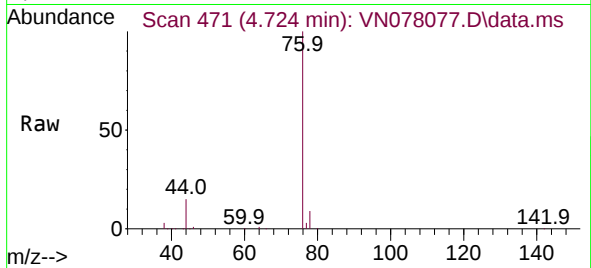
#17
Carbon Disulfide
Concen: 36.587 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 388592
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

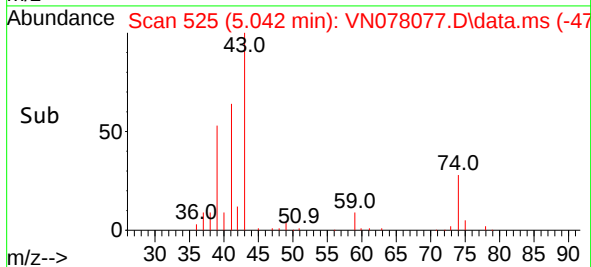
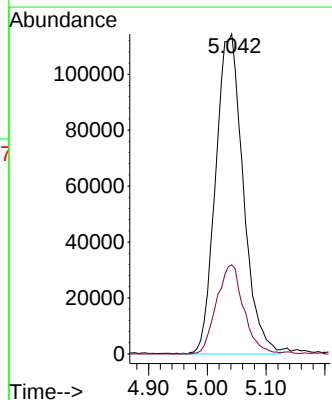
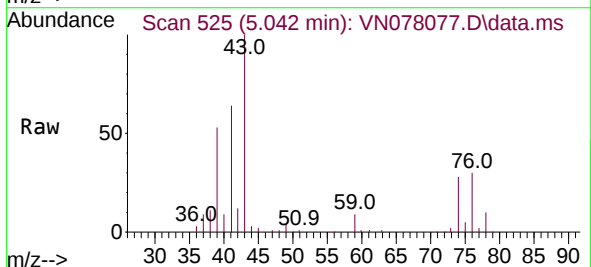
Manual Integrations
APPROVED

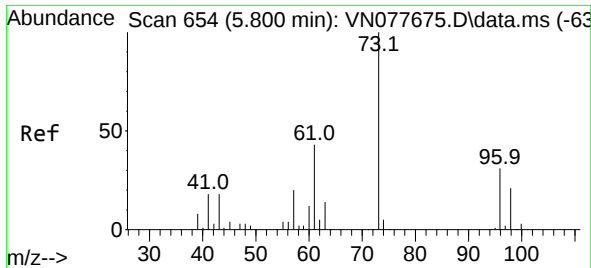
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#18
Methyl Acetate
Concen: 50.375 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

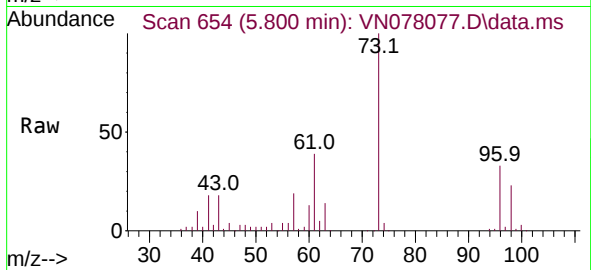
Tgt Ion: 43 Resp: 372840
Ion Ratio Lower Upper
43 100
74 27.5 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 52.085 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

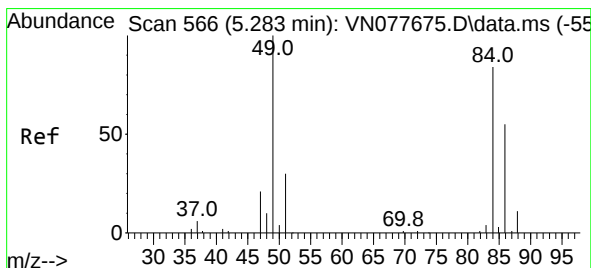
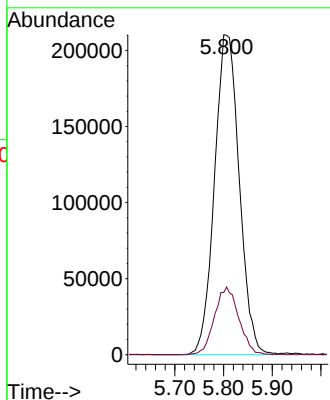
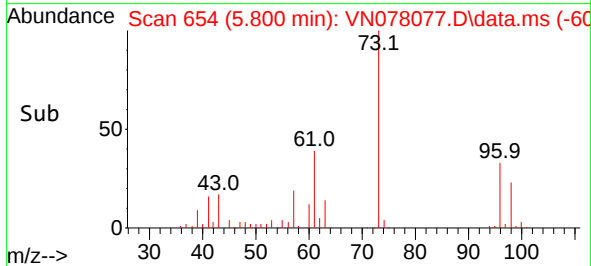
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 743136
Ion Ratio Lower Upper
73 100
57 19.4 15.6 23.4

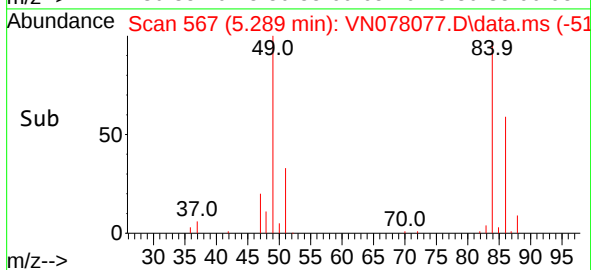
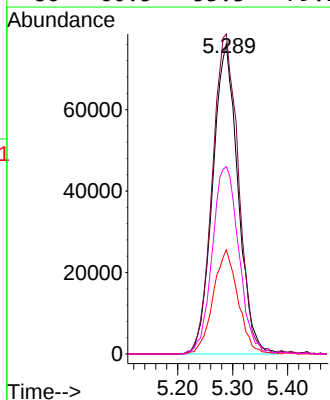
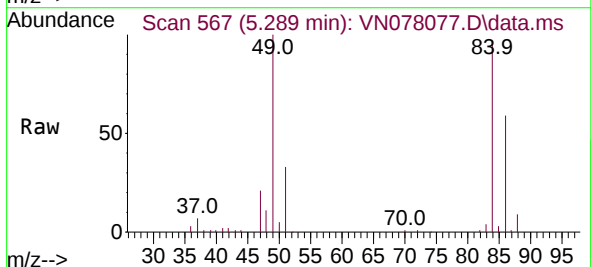
Manual Integrations
APPROVED

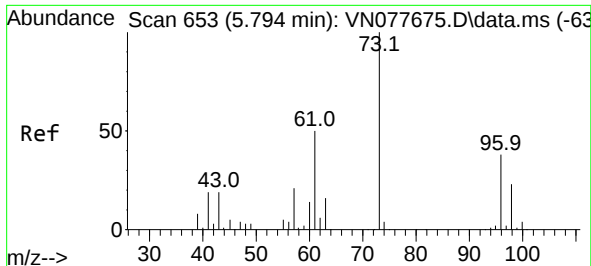
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 53.131 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

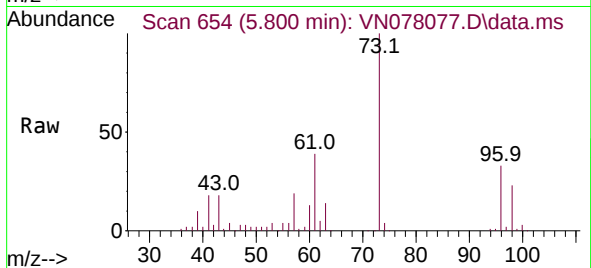
Tgt Ion: 84 Resp: 243405
Ion Ratio Lower Upper
84 100
49 103.3 79.7 119.5
51 33.6 25.2 37.8
86 60.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.554 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

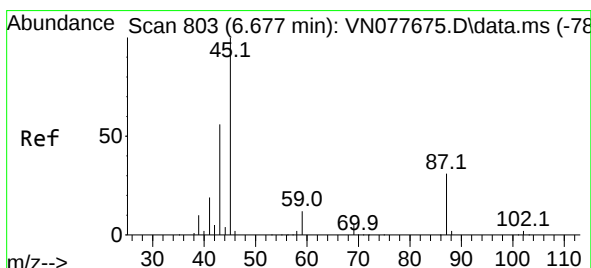
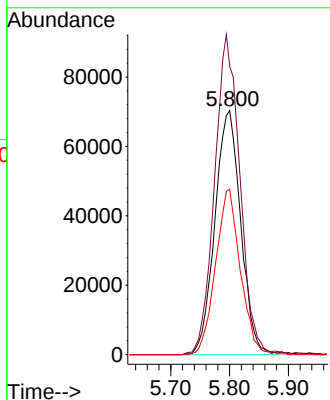
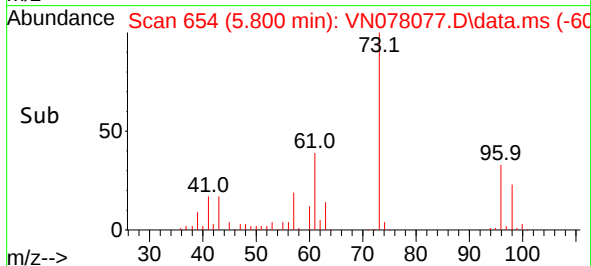
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



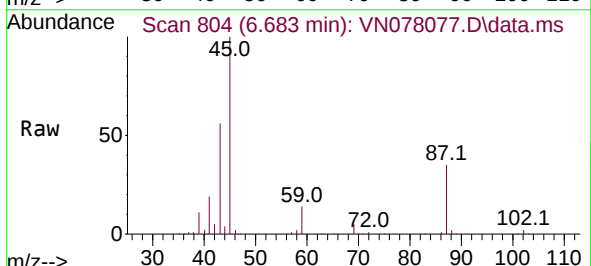
Tgt Ion: 96 Resp: 214988
Ion Ratio Lower Upper
96 100
61 118.1 90.1 135.1
98 67.8 46.4 69.6

Manual Integrations
APPROVED

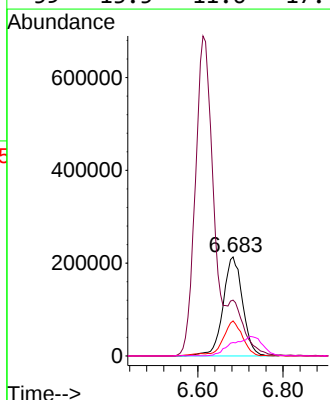
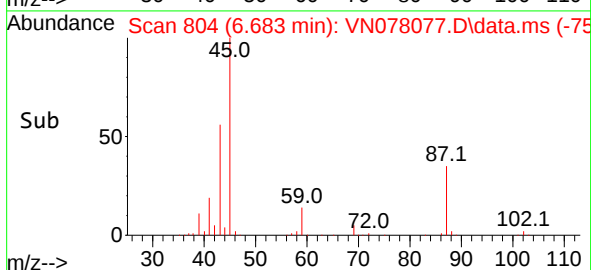
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#22
Diisopropyl ether
Concen: 50.049 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



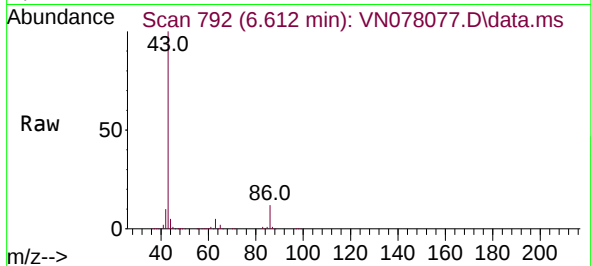
Tgt Ion: 45 Resp: 679315
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 35.3 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 243.314 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00

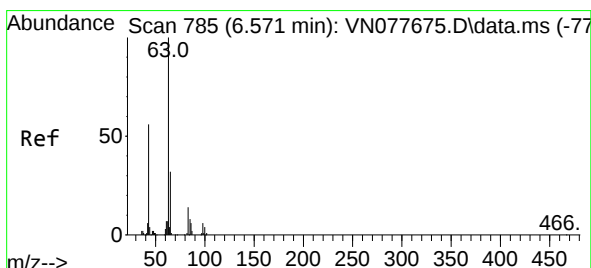
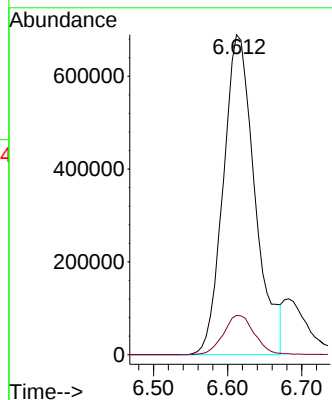
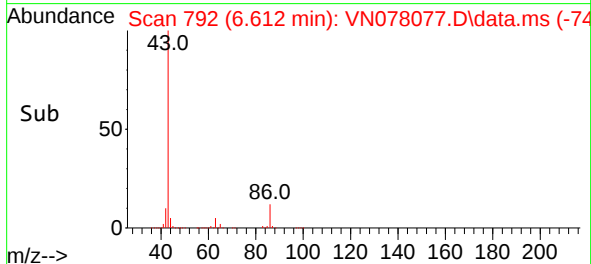
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 204617
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

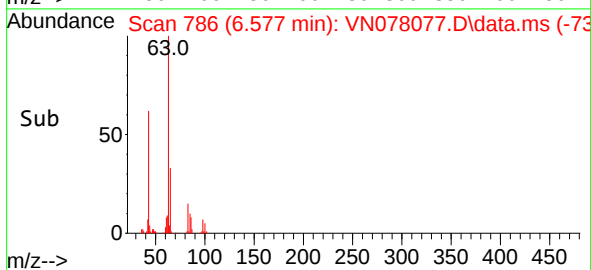
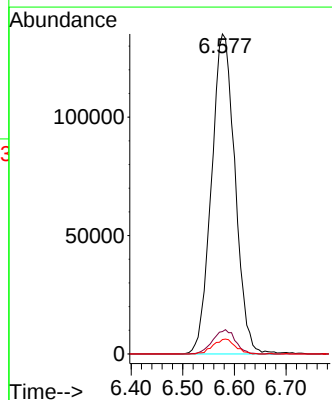
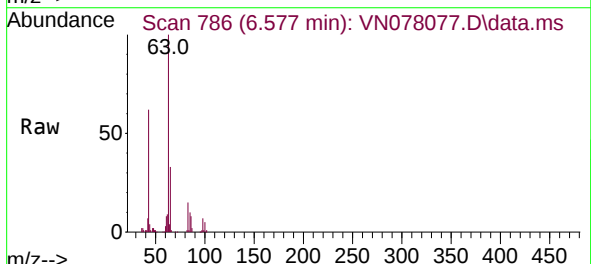
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#24
 1,1-Dichloroethane
 Concen: 51.445 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00

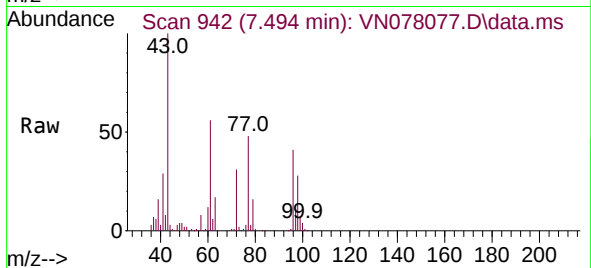
Tgt Ion: 63 Resp: 427793
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 236.357 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

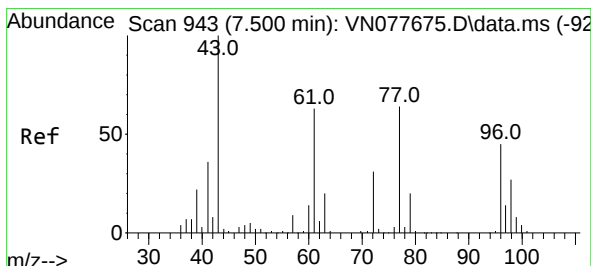
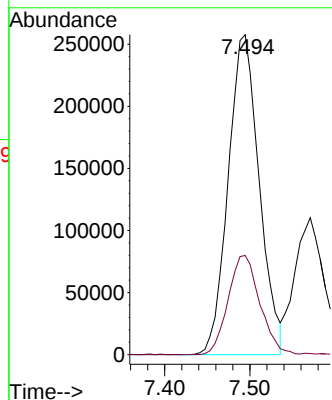
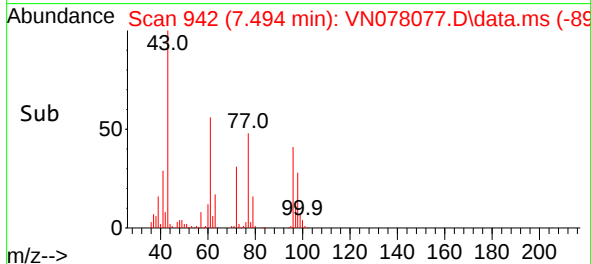
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 65229
Ion Ratio Lower Upper
43 100
72 31.0 30.2 45.2

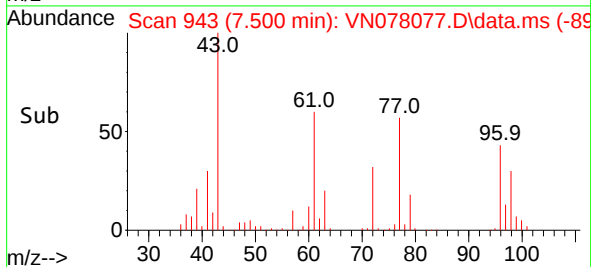
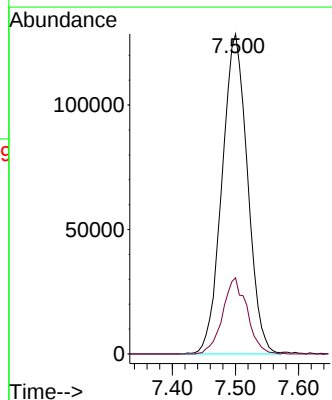
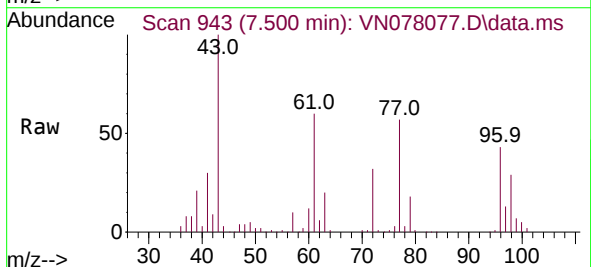
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#26
2,2-Dichloropropane
Concen: 51.073 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

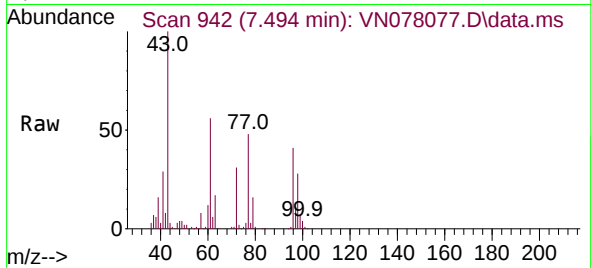
Tgt Ion: 77 Resp: 360814
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 51.259 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

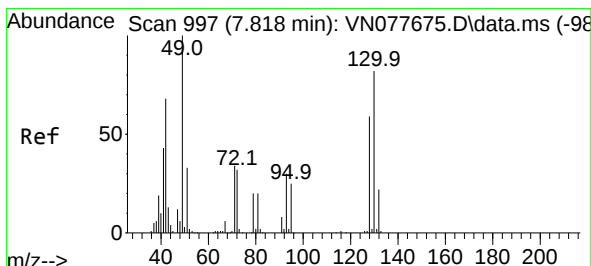
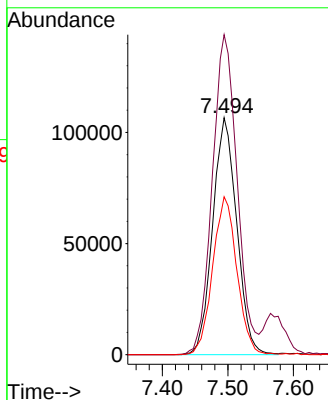
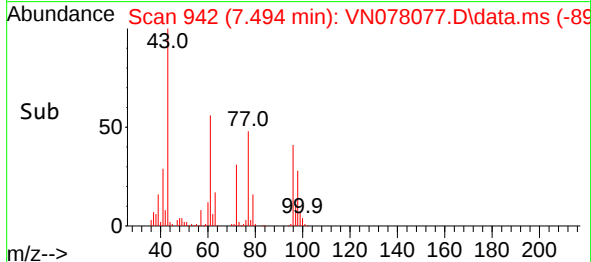
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 272140
Ion Ratio Lower Upper
96 100
61 139.4 0.0 255.2
98 67.1 0.0 128.8

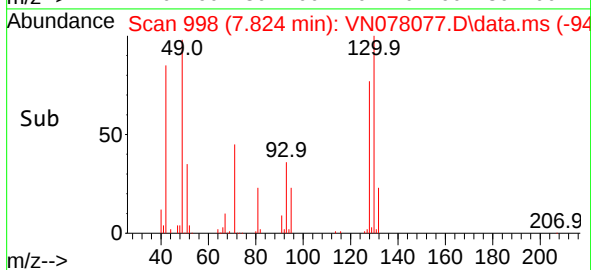
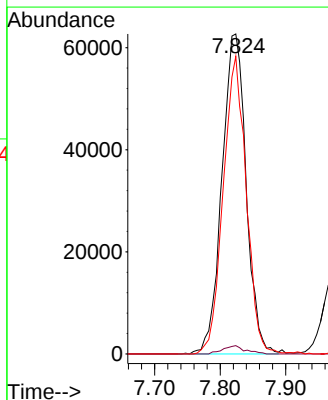
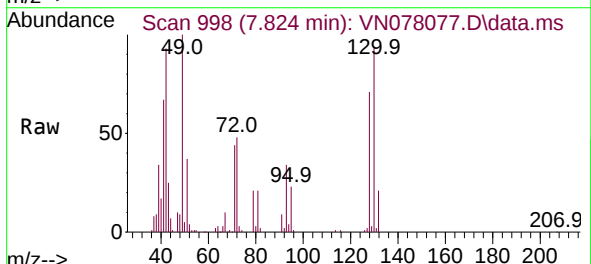
Manual Integrations
APPROVED

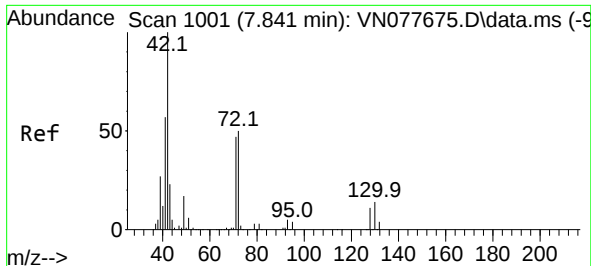
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#28
Bromochloromethane
Concen: 44.628 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 49 Resp: 160496
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 88.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 233.179 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

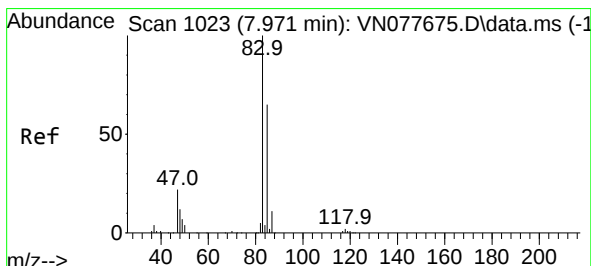
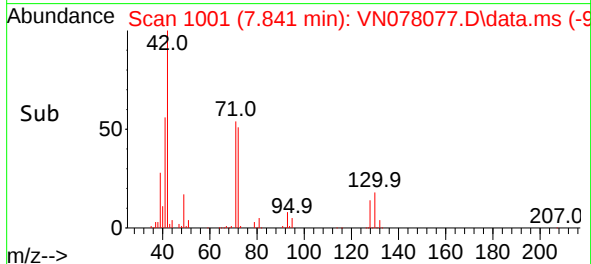
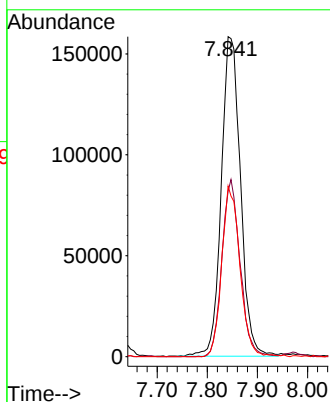
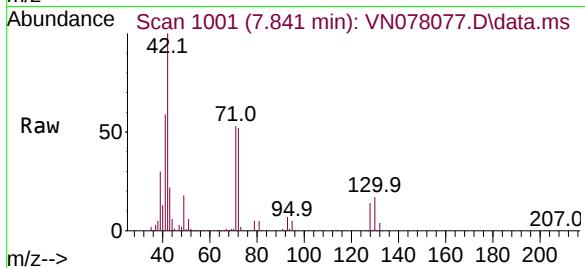
Tgt Ion:	42	Resp:	42137
Ion Ratio	Lower	Upper	
42	100		
72	52.4	49.8	74.6
71	50.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#30

Chloroform

Concen: 51.181 ug/l

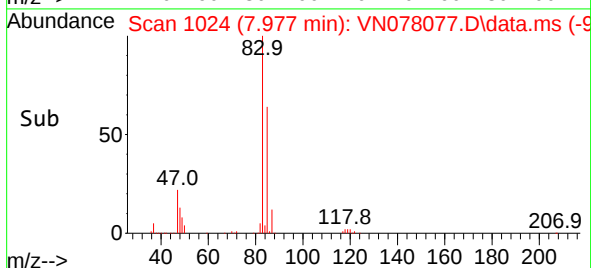
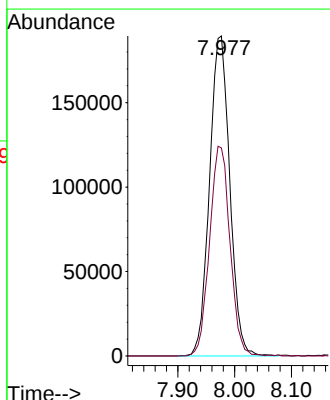
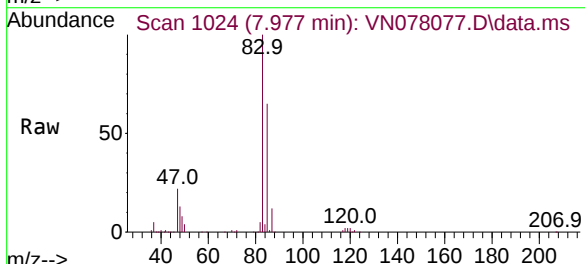
RT: 7.977 min Scan# 1024

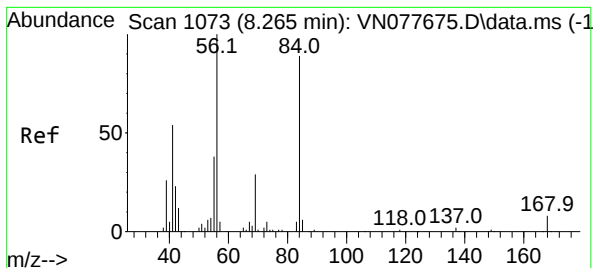
Delta R.T. 0.006 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

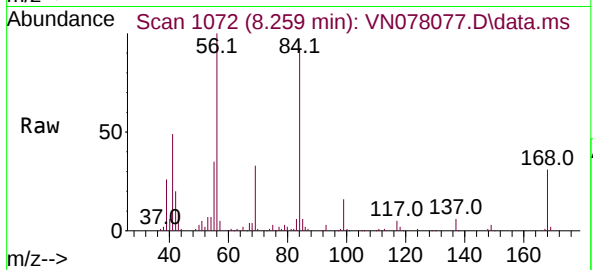
Tgt Ion:	83	Resp:	468171
Ion Ratio	Lower	Upper	
83	100		
85	65.0	55.4	83.0





#31
Cyclohexane
Concen: 39.769 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

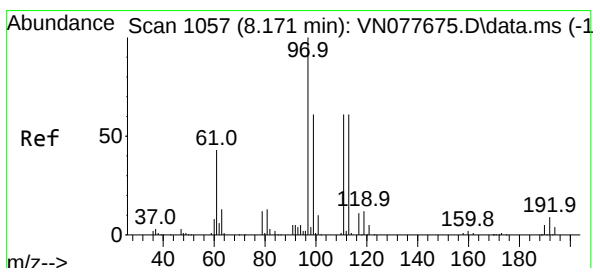
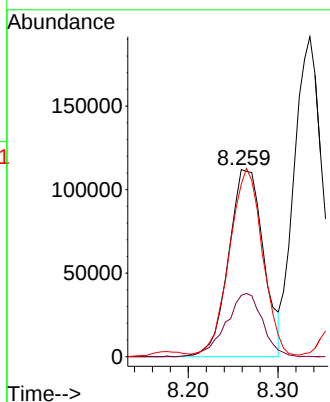
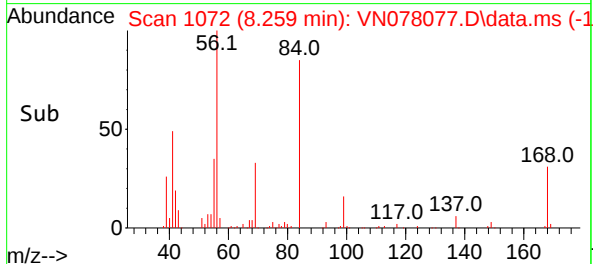
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



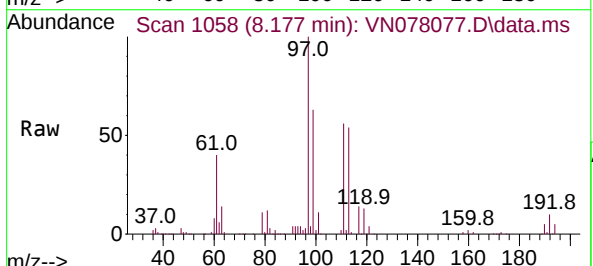
Tgt Ion: 56 Resp: 30310
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 89.8 81.8 122.6

Manual Integrations
APPROVED

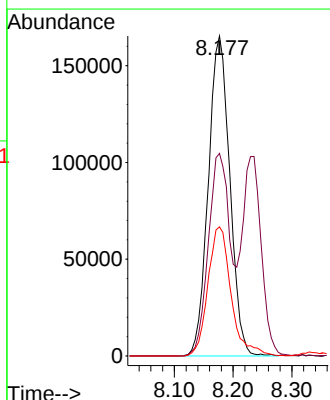
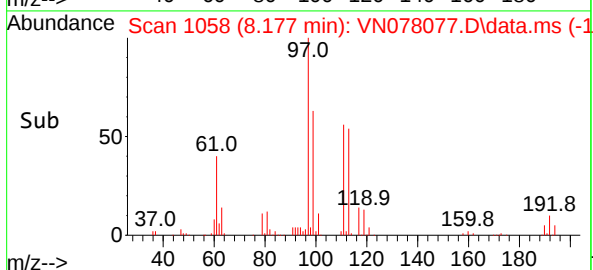
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

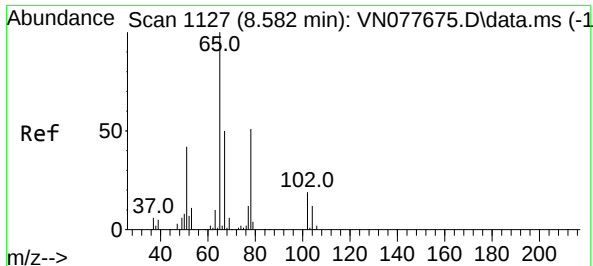


#32
1,1,1-Trichloroethane
Concen: 53.967 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



Tgt Ion: 97 Resp: 419705
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 43.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 43.327 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 242964

Ion Ratio Lower Upper

65 100

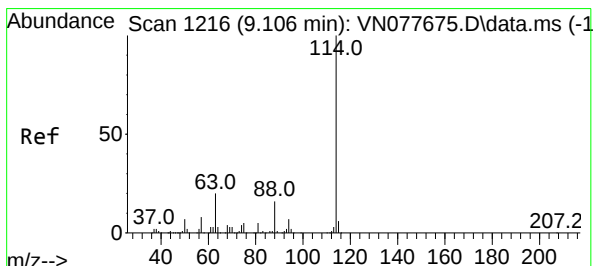
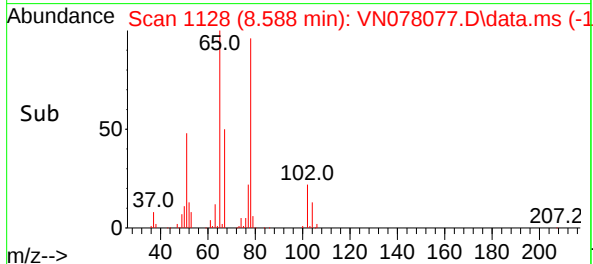
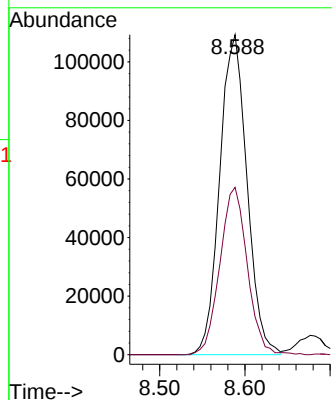
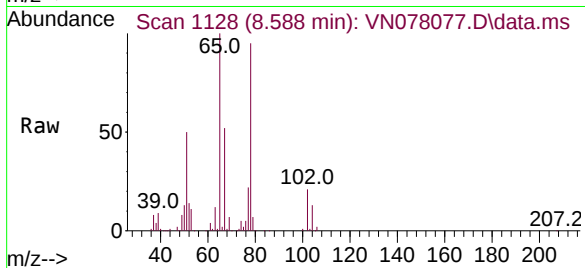
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

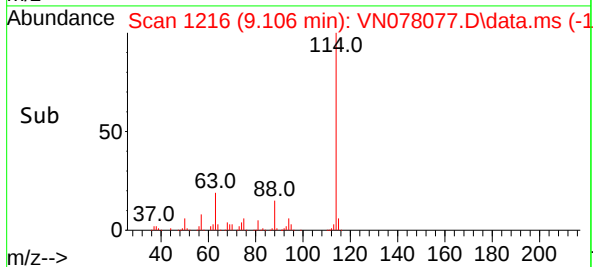
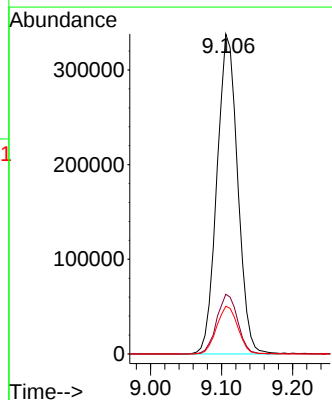
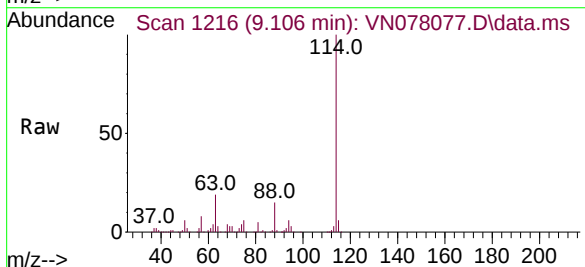
Tgt Ion:114 Resp: 683721

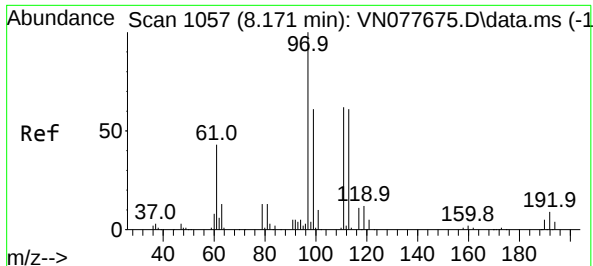
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.375 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 22013

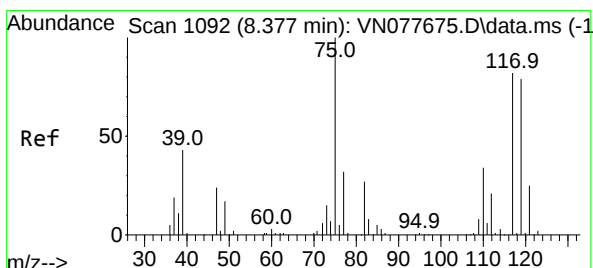
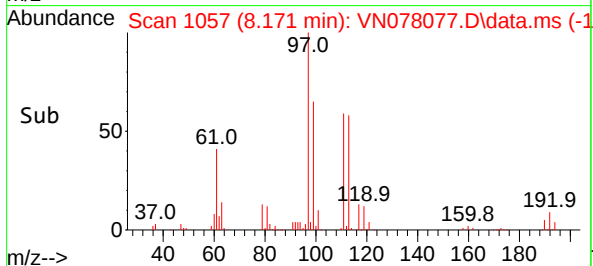
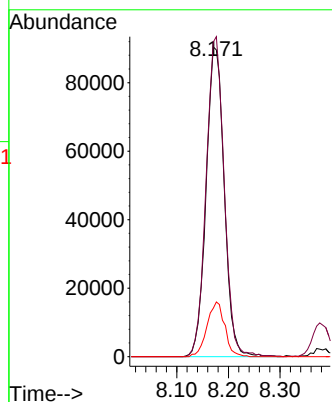
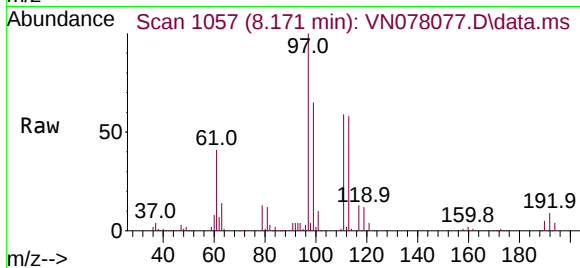
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/07/2023

Supervised By : Mahesh Dadoda 06/07/2023



#36

1,1-Dichloropropene

Concen: 49.504 ug/l

RT: 8.377 min Scan# 1092

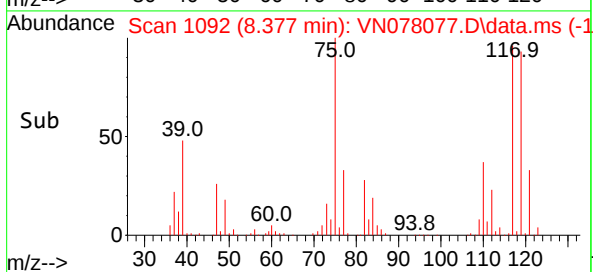
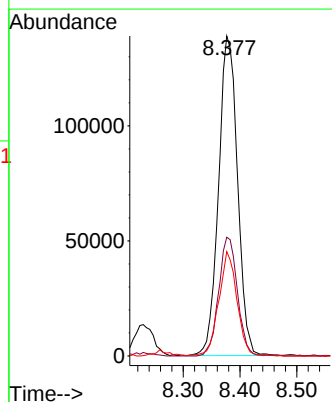
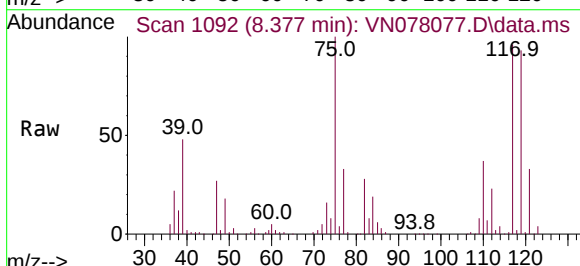
Delta R.T. -0.000 min

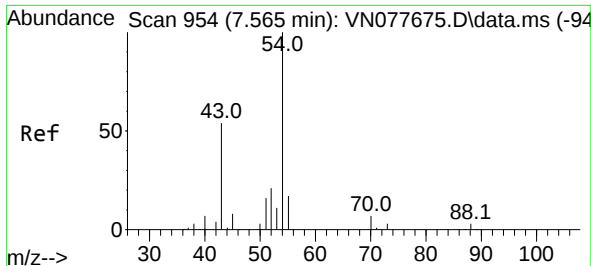
Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Tgt Ion: 75 Resp: 322824

Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.1	57.3
77	31.0	25.0	37.4





#37

Ethyl Acetate

Concen: 47.569 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 27648

Ion Ratio Lower Upper

43 100

61 14.8 13.2 19.8

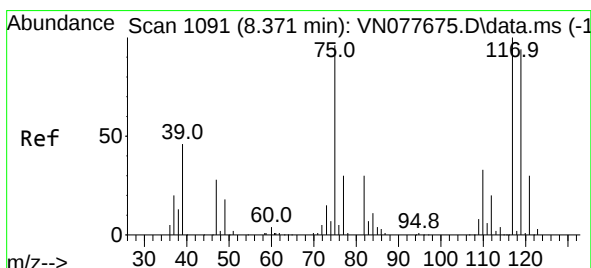
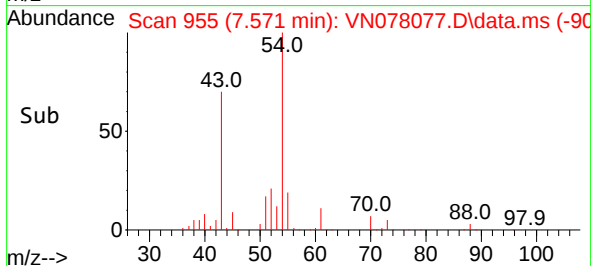
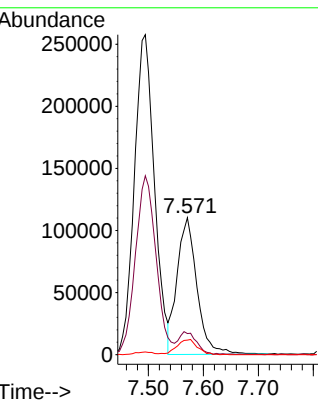
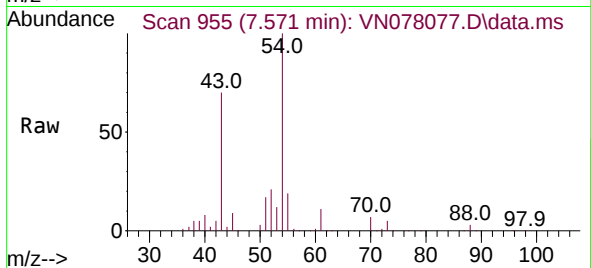
70 11.6 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#38

Carbon Tetrachloride

Concen: 53.948 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

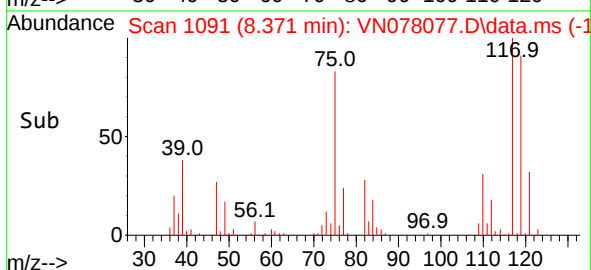
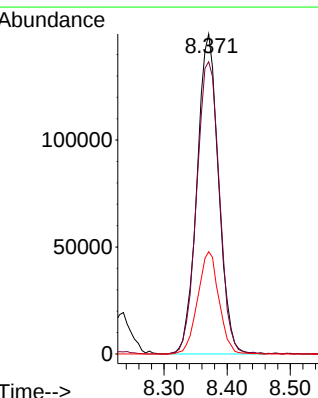
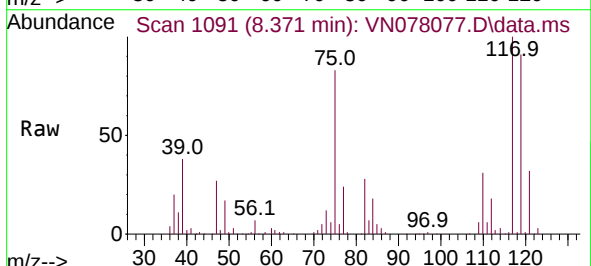
Tgt Ion:117 Resp: 355250

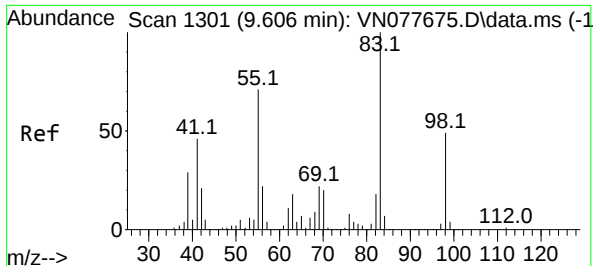
Ion Ratio Lower Upper

117 100

119 91.3 77.3 115.9

121 31.9 23.3 34.9





#39

Methylcyclohexane

Concen: 39.519 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 31550

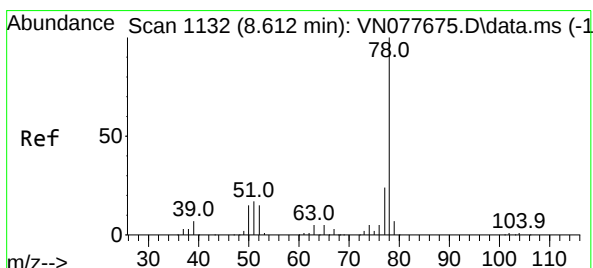
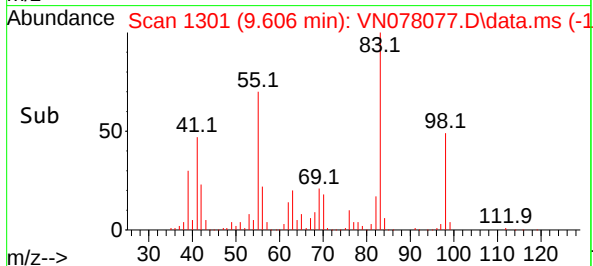
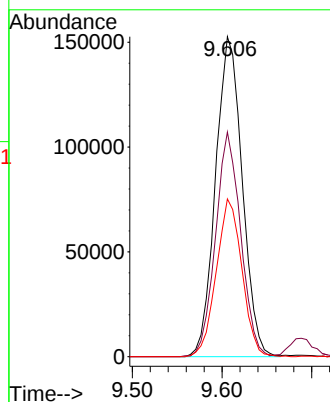
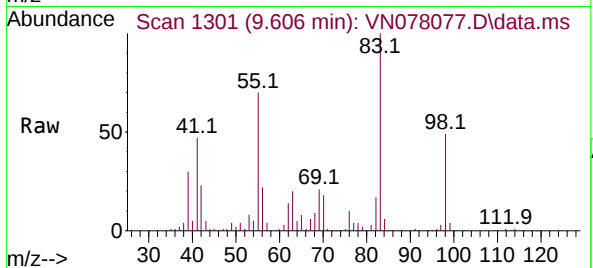
Ion	Ratio	Lower	Upper
83	100		
55	70.2	49.1	73.7
98	49.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#40

Benzene

Concen: 51.993 ug/l

RT: 8.618 min Scan# 1133

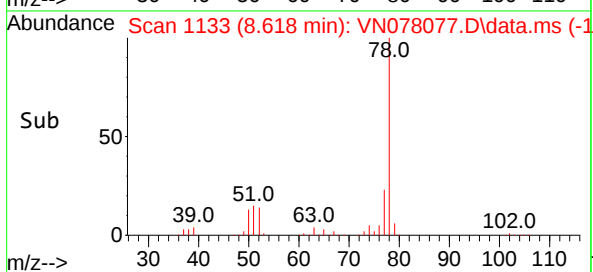
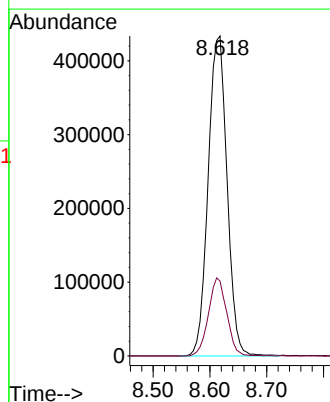
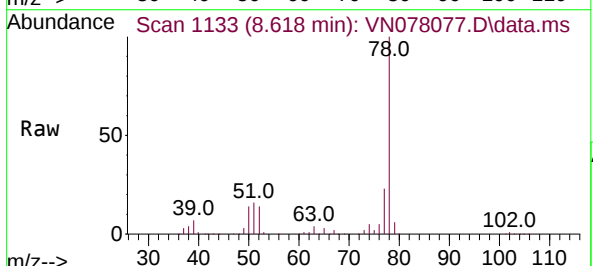
Delta R.T. 0.006 min

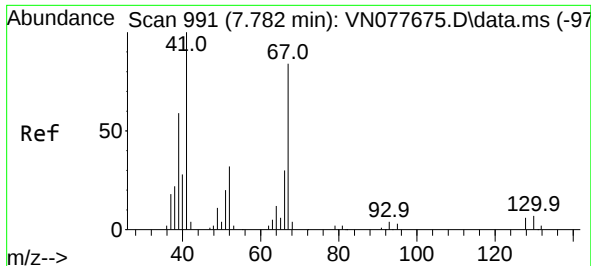
Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Tgt Ion: 78 Resp: 1000538

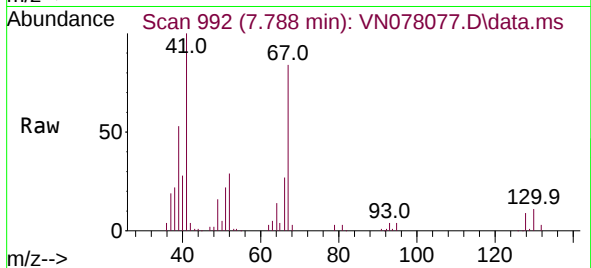
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





#41
Methacrylonitrile
Concen: 50.784 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

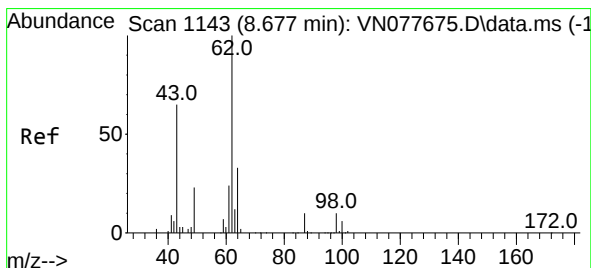
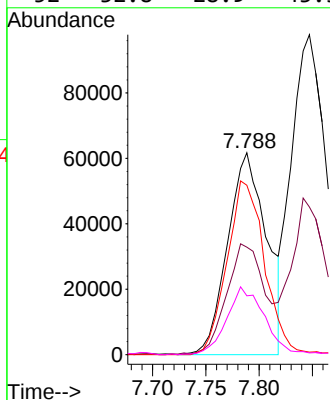
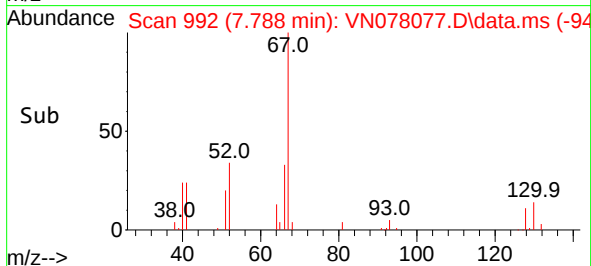
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 157199
Ion Ratio Lower Upper
41 100
39 52.1 42.6 64.0
67 83.4 77.5 116.3
52 32.8 28.9 43.3

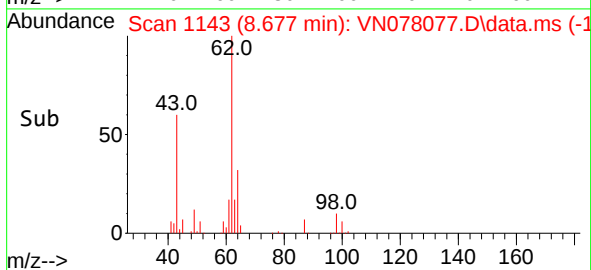
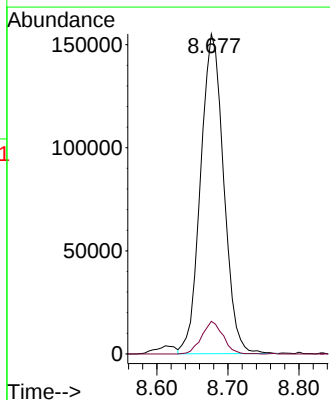
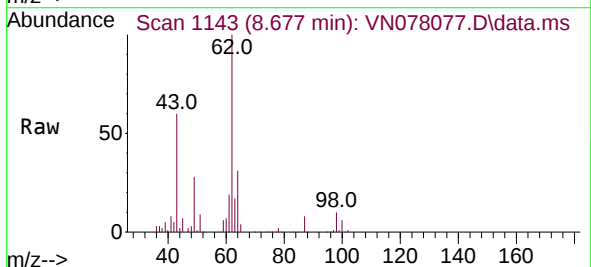
Manual Integrations
APPROVED

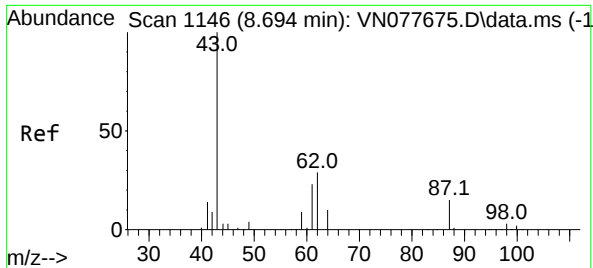
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#42
1,2-Dichloroethane
Concen: 50.215 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

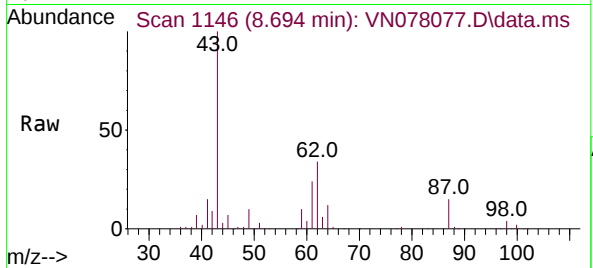
Tgt Ion: 62 Resp: 351024
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 55.969 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

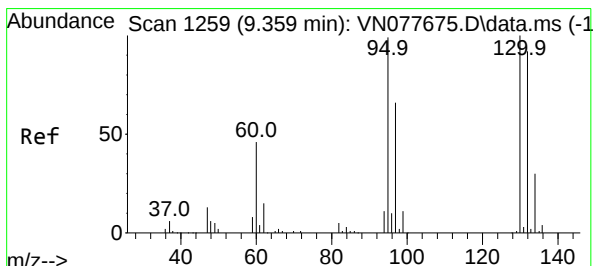
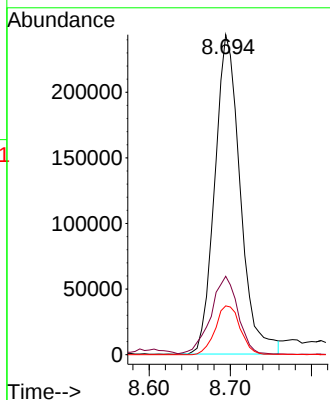
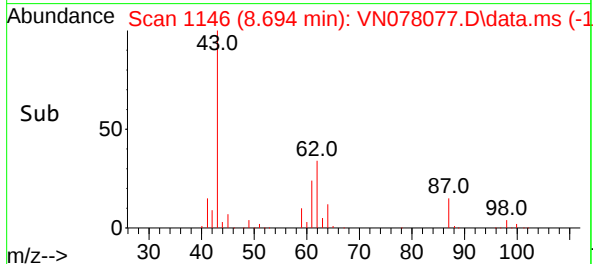
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



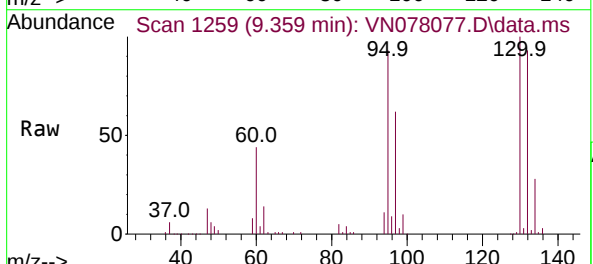
Tgt Ion: 43 Resp: 531372
Ion Ratio Lower Upper
43 100
61 26.2 24.7 37.1
87 15.0 14.6 21.8

Manual Integrations
APPROVED

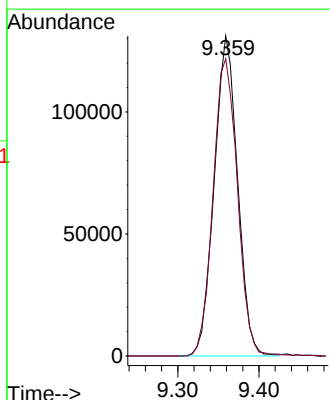
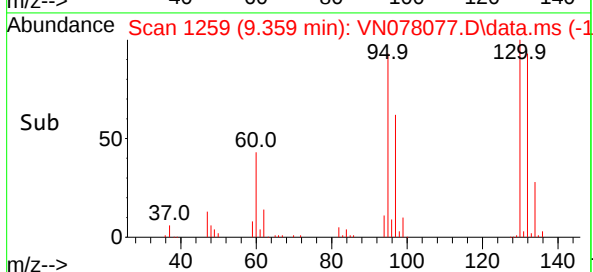
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

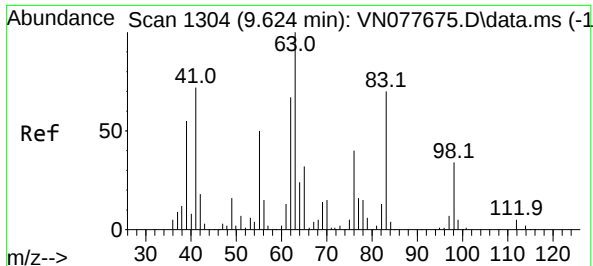


#44
Trichloroethene
Concen: 53.832 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



Tgt Ion:130 Resp: 262307
Ion Ratio Lower Upper
130 100
95 92.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.594 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 25816

Ion Ratio Lower Upper

63 100

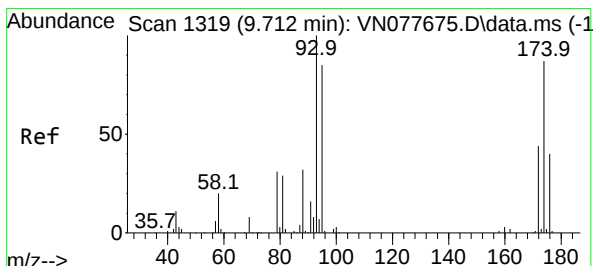
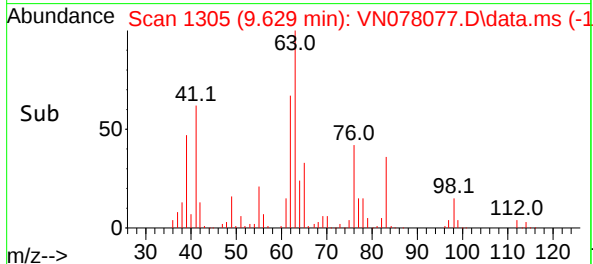
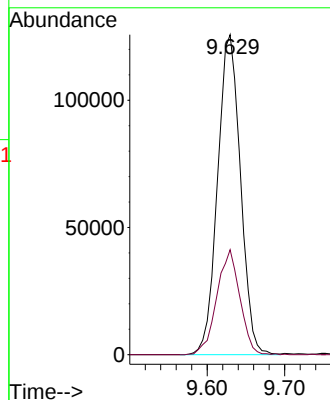
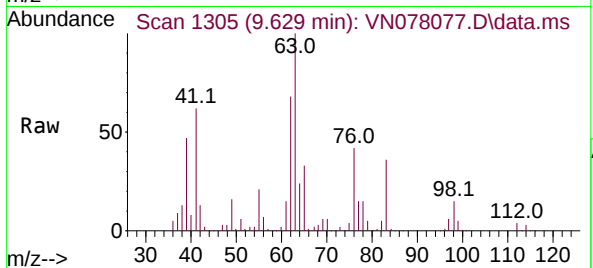
65 32.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#46

Dibromomethane

Concen: 53.140 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

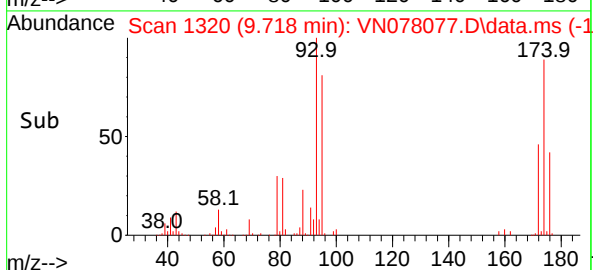
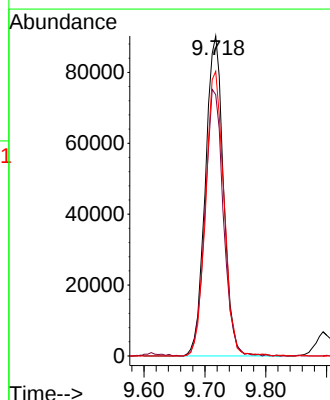
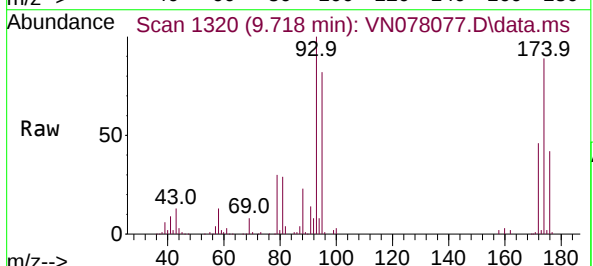
Tgt Ion: 93 Resp: 186648

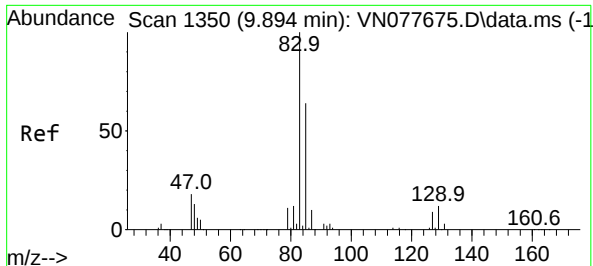
Ion Ratio Lower Upper

93 100

95 84.0 63.8 95.8

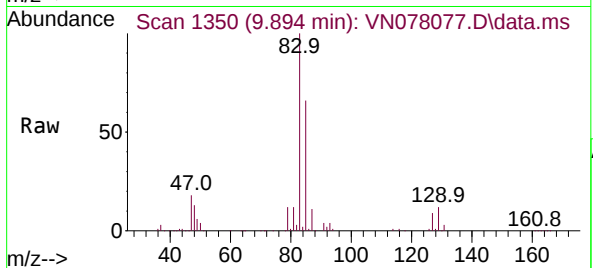
174 89.3 65.6 98.4





#47
Bromodichloromethane
Concen: 56.445 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

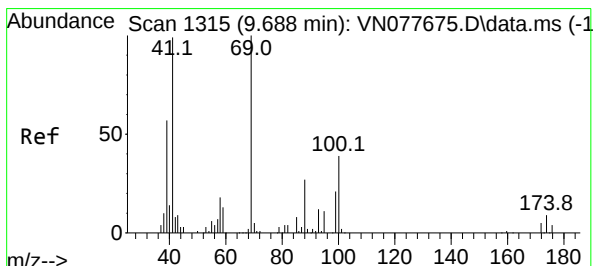
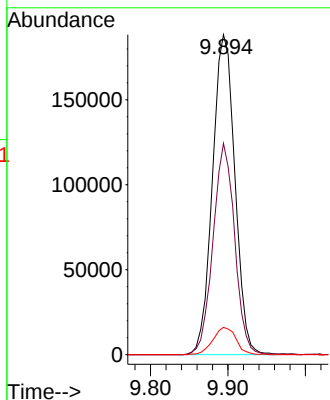
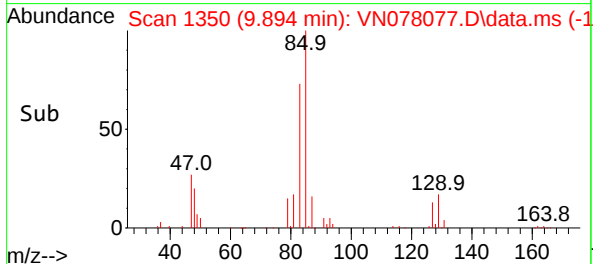
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 37956
Ion Ratio Lower Upper
83 100
85 66.0 49.6 74.4
127 8.6 7.0 10.6

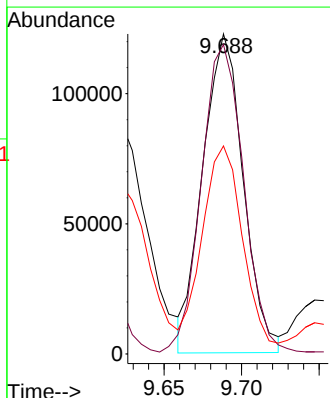
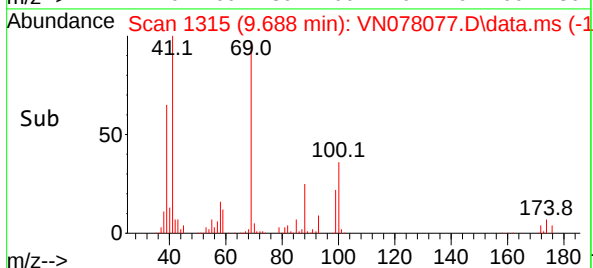
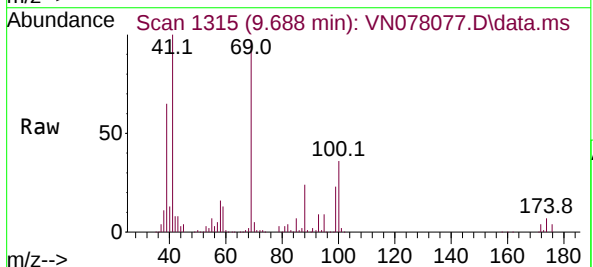
Manual Integrations
APPROVED

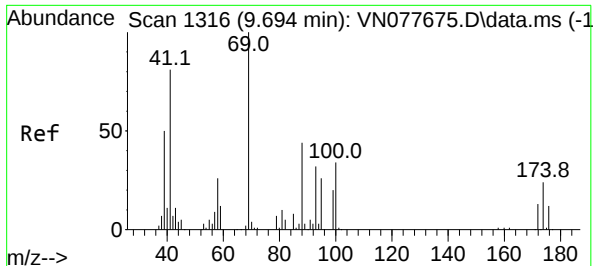
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#48
Methyl methacrylate
Concen: 49.478 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 41 Resp: 222713
Ion Ratio Lower Upper
41 100
69 102.7 90.4 135.6
39 66.1 54.6 81.8





#49

1,4-Dioxane

Concen: 1128.764 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078077.D

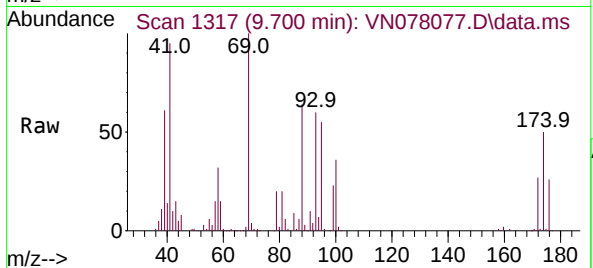
Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



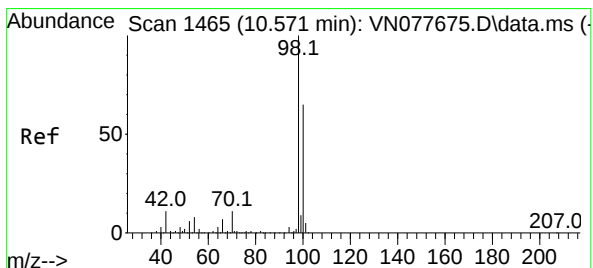
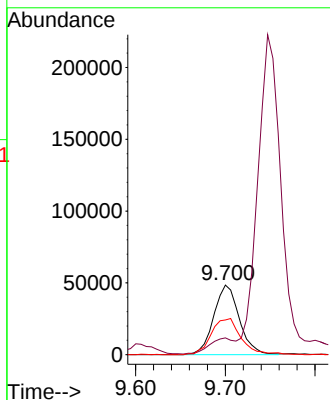
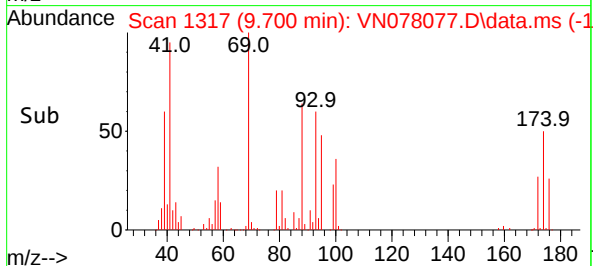
Tgt Ion:	88	Resp:	95964
Ion	Ratio	Lower	Upper
88	100		
43	23.0	17.0	25.6
58	60.6	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#50

Toluene-d8

Concen: 45.670 ug/l

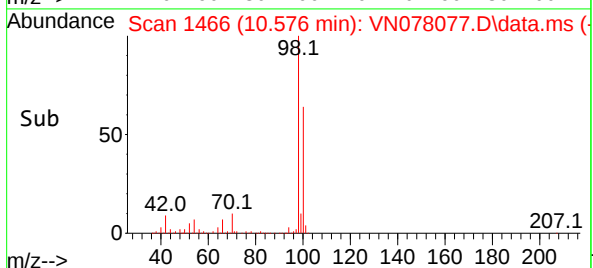
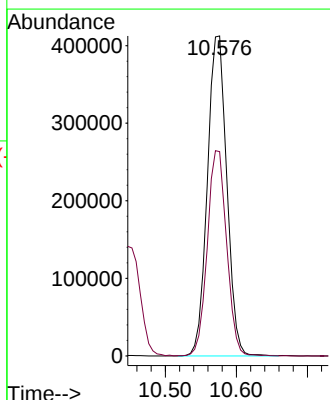
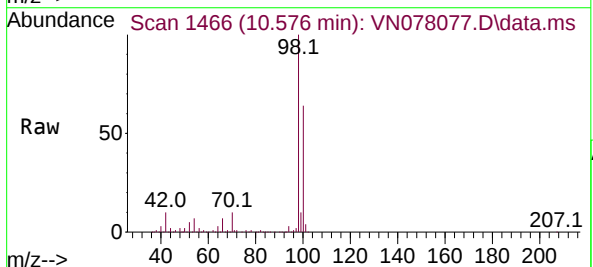
RT: 10.576 min Scan# 1466

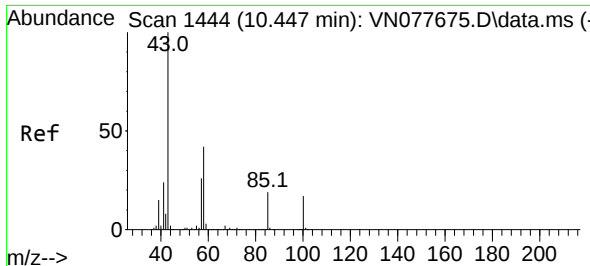
Delta R.T. 0.005 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Tgt Ion:	98	Resp:	783733
Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0





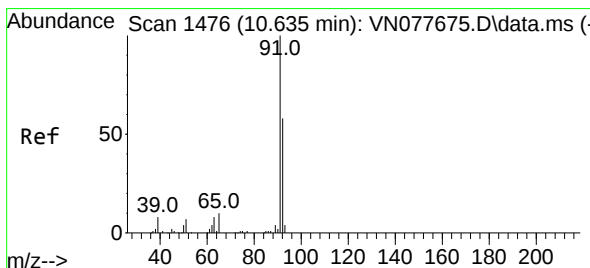
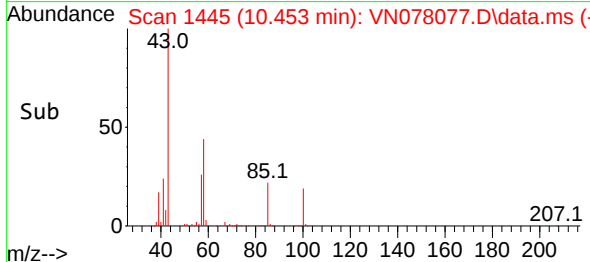
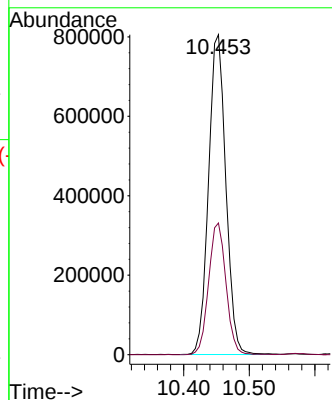
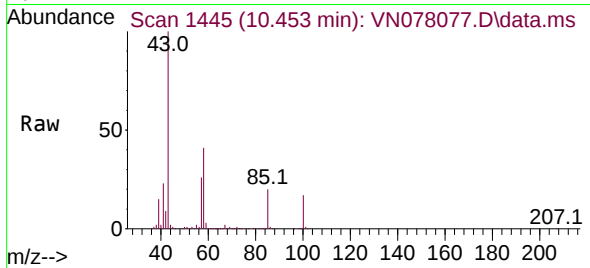
#51
4-Methyl-2-Pentanone
Concen: 261.097 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1473450
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

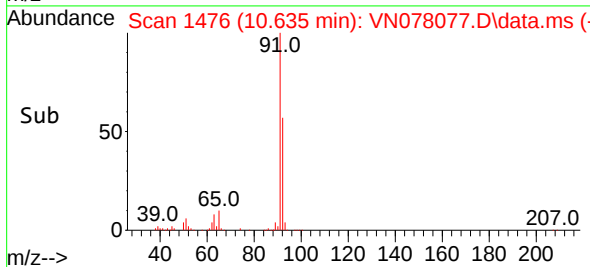
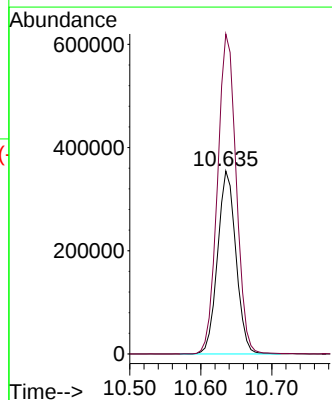
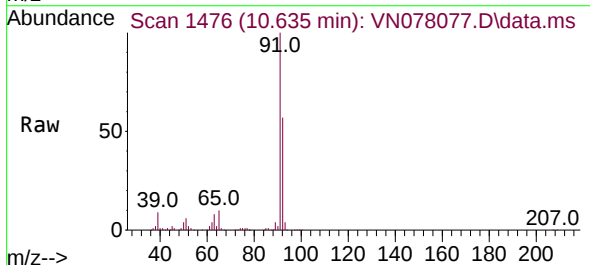
Manual Integrations
APPROVED

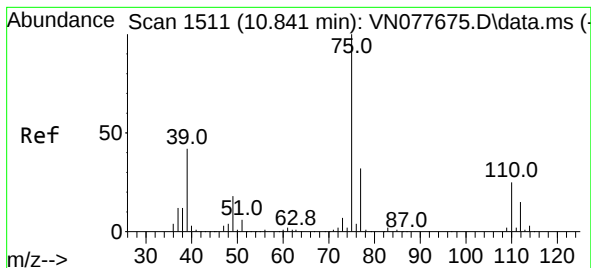
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#52
Toluene
Concen: 52.891 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 92 Resp: 633645
Ion Ratio Lower Upper
92 100
91 178.6 137.4 206.0





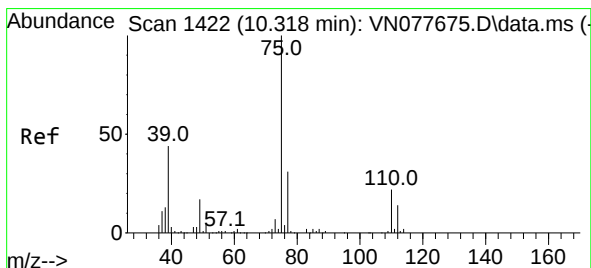
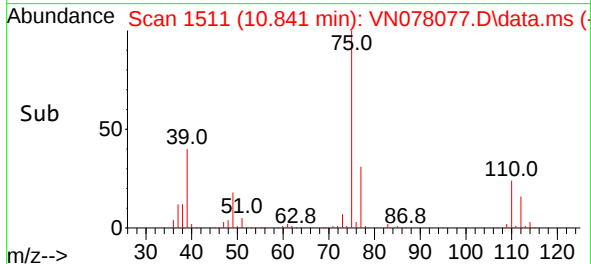
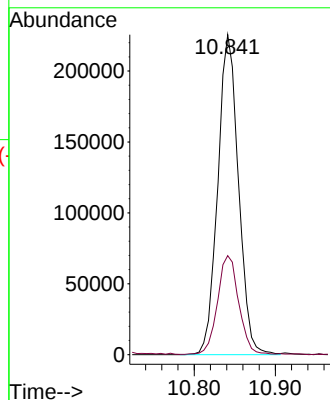
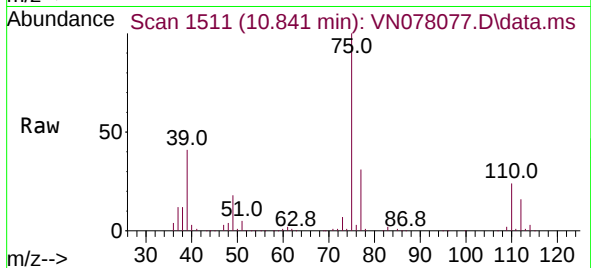
#53
 t-1,3-Dichloropropene
 Concen: 56.178 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 400048
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0

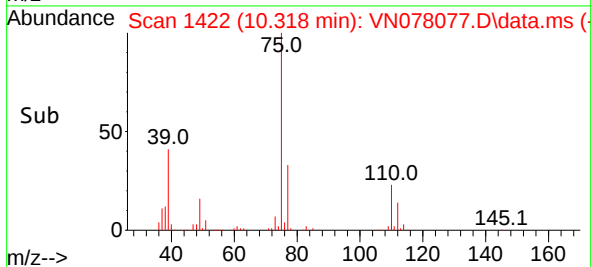
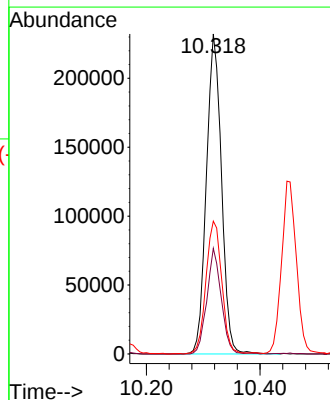
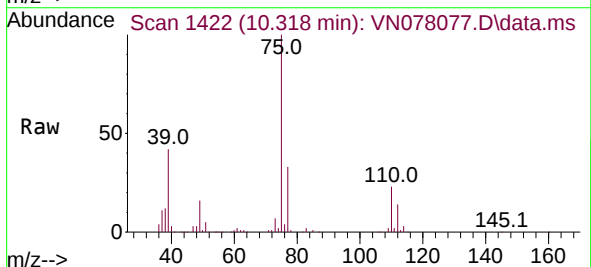
Manual Integrations
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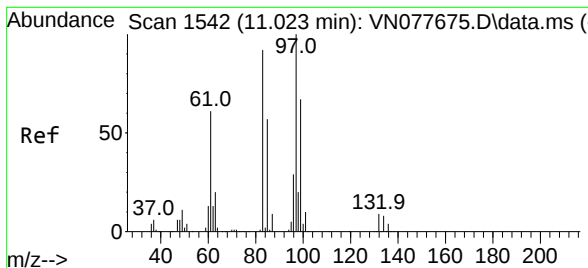
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.275 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00

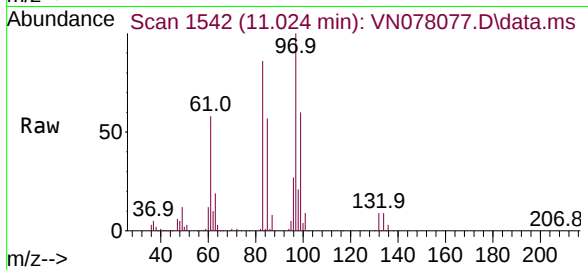
Tgt Ion: 75 Resp: 425921
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.1 39.1
 39 41.4 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 55.806 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

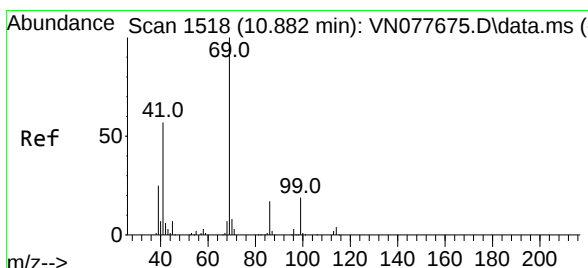
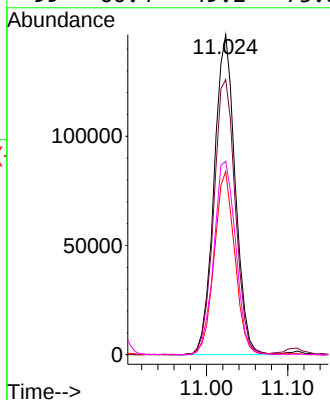
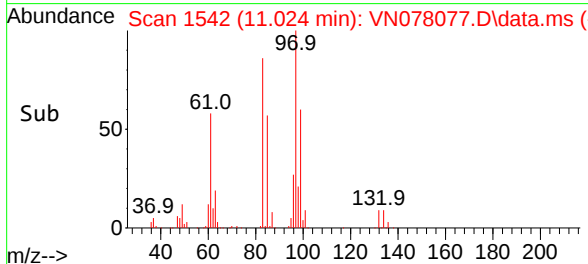
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



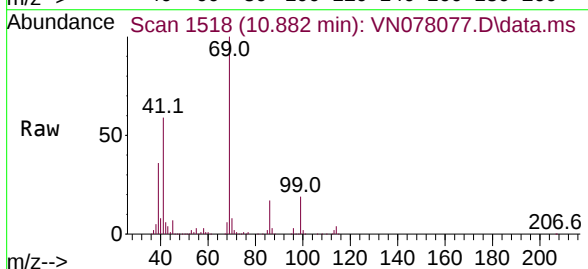
Tgt Ion:	97	Resp:	265462
Ion Ratio	100	Lower	Upper
97	100		
83	86.0	65.1	97.7
85	57.2	43.4	65.2
99	60.4	49.2	73.8

Manual Integrations
APPROVED

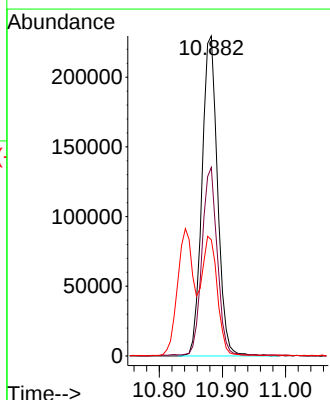
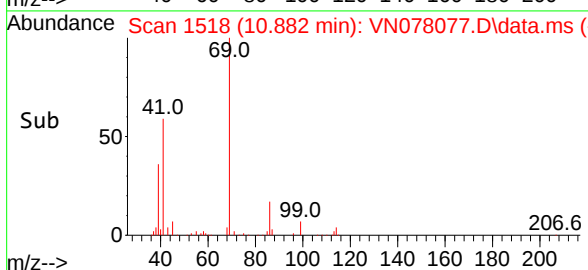
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

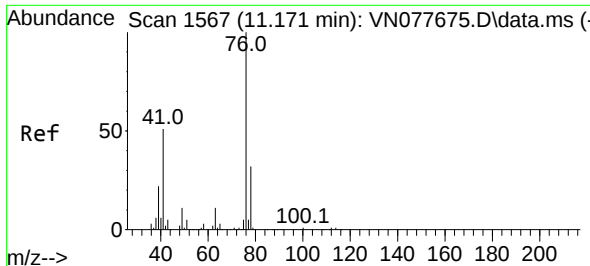


#56
Ethyl methacrylate
Concen: 54.659 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



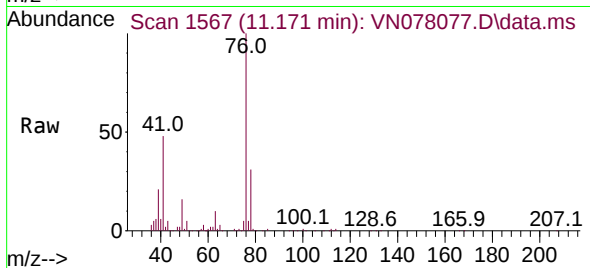
Tgt Ion:	69	Resp:	393126
Ion Ratio	100	Lower	Upper
69	100		
41	57.8	39.6	59.4
39	37.3	28.6	43.0





#57
1,3-Dichloropropane
Concen: 54.528 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

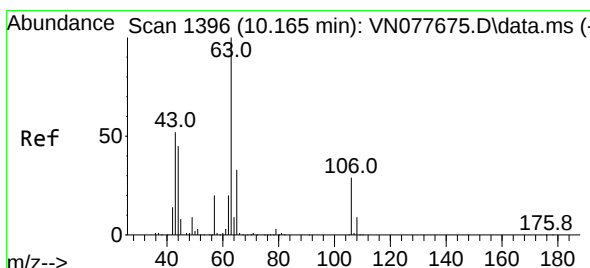
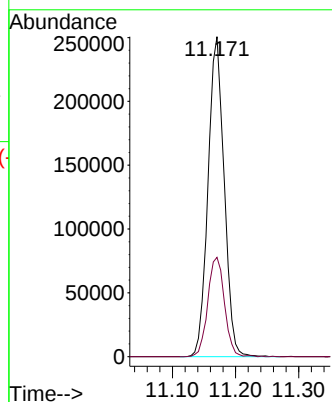
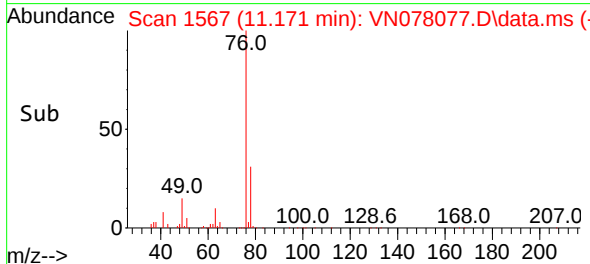
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



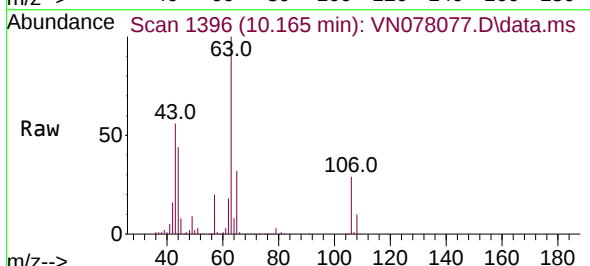
Tgt Ion: 76 Resp: 444670
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

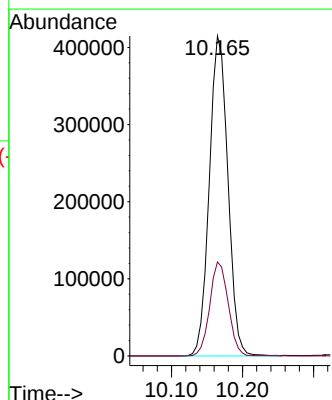
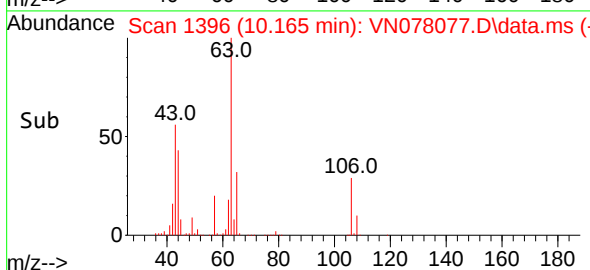
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

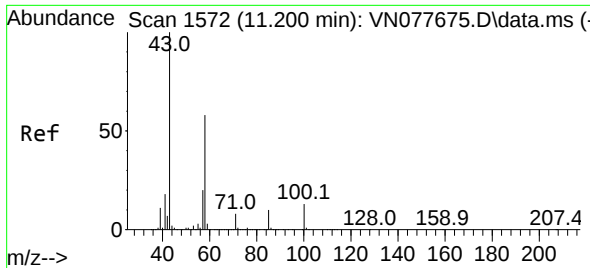


#58
2-Chloroethyl Vinyl ether
Concen: 213.127 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



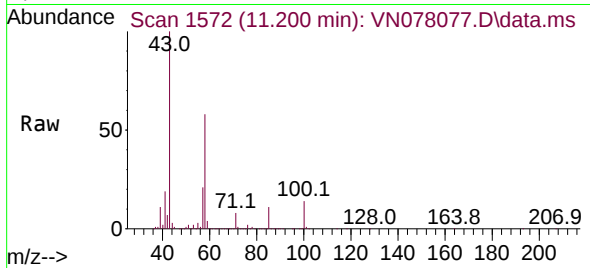
Tgt Ion: 63 Resp: 754122
Ion Ratio Lower Upper
63 100
106 29.1 26.2 39.4





#59
2-Hexanone
Concen: 247.476 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

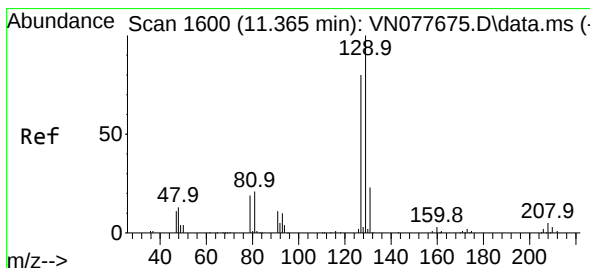
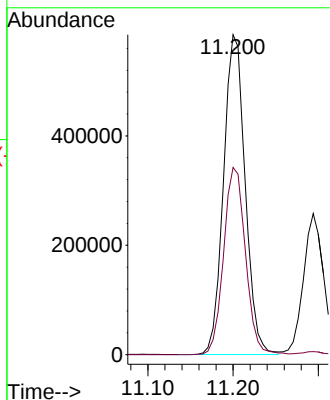
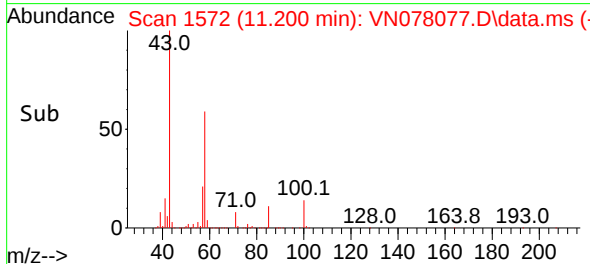
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 103299
Ion Ratio Lower Upper
43 100
58 59.2 31.7 95.1

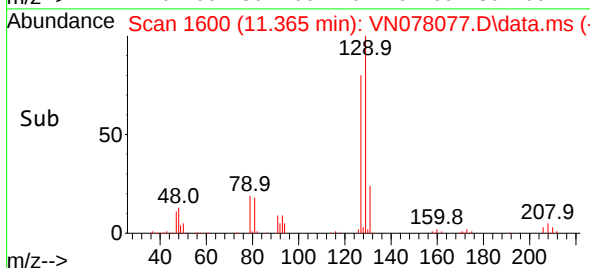
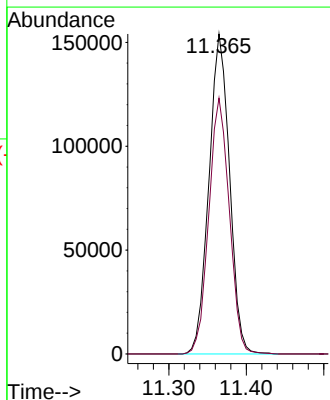
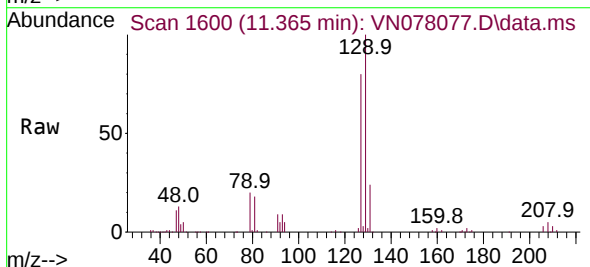
Manual Integrations
APPROVED

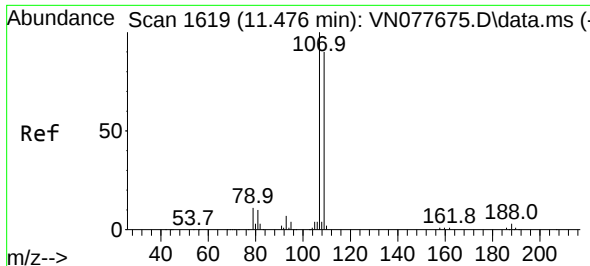
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#60
Dibromochloromethane
Concen: 57.969 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

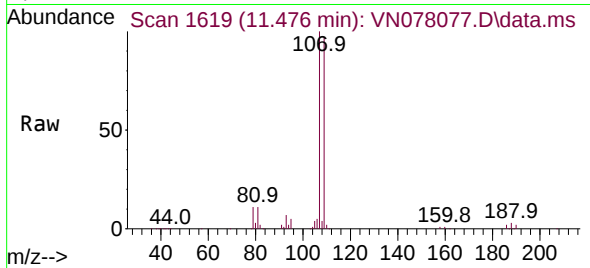
Tgt Ion:129 Resp: 284674
Ion Ratio Lower Upper
129 100
127 79.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.529 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

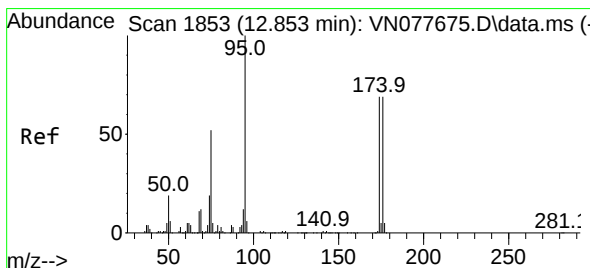
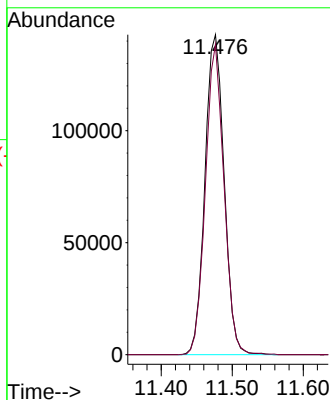
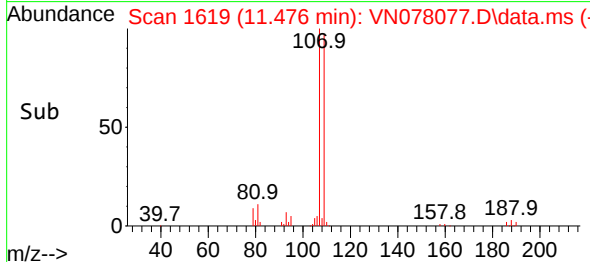
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



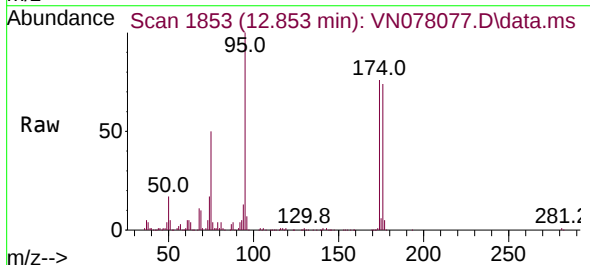
Tgt Ion:107 Resp: 268263
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

Manual Integrations
APPROVED

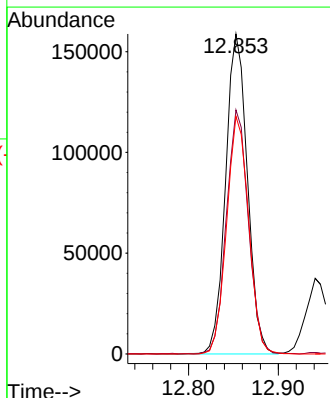
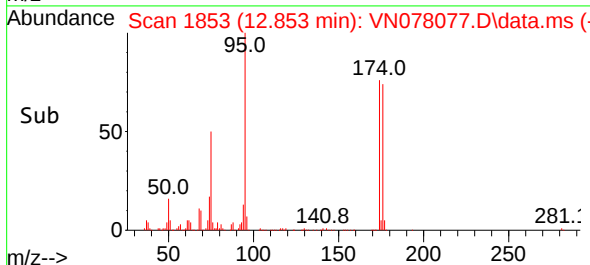
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

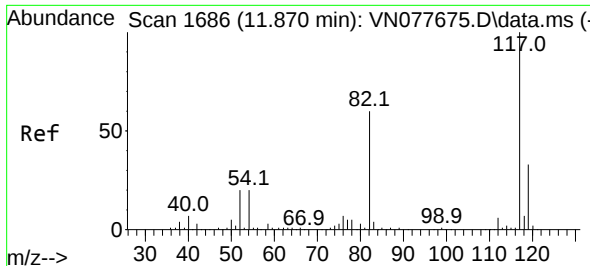


#62
4-Bromofluorobenzene
Concen: 44.091 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



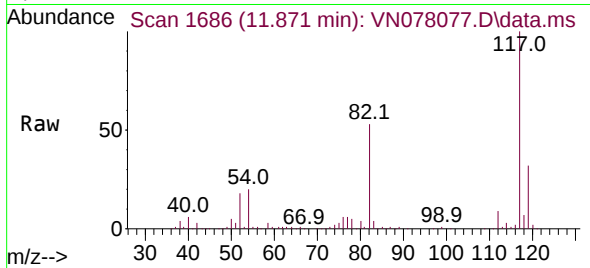
Tgt Ion: 95 Resp: 267230
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 75.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

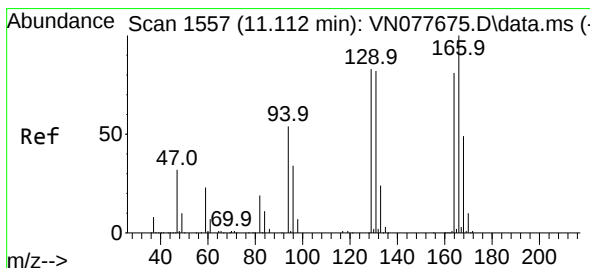
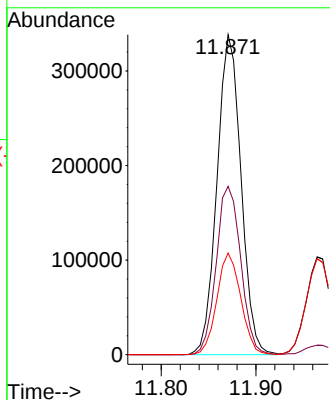
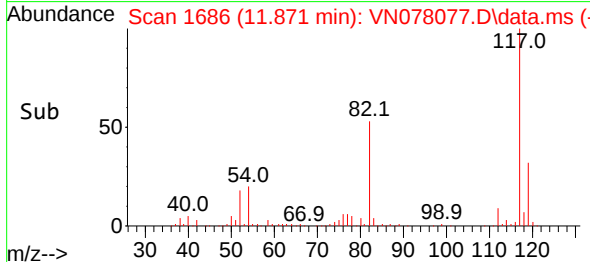
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 59670
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 31.7 25.6 38.4

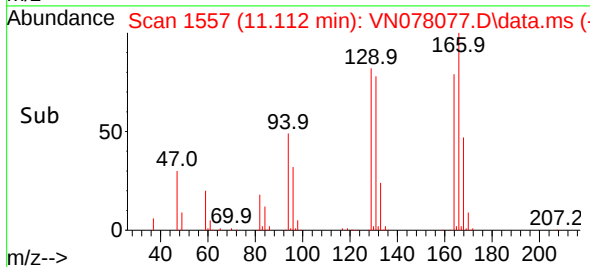
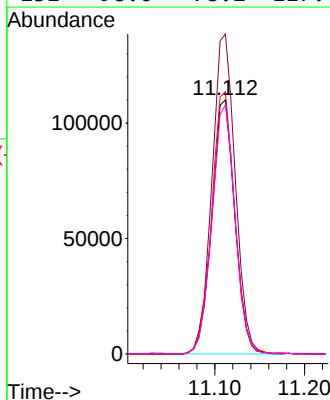
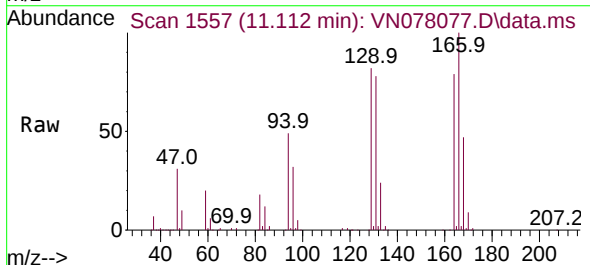
Manual Integrations
APPROVED

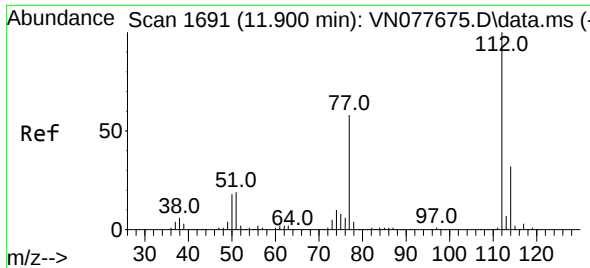
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#64
Tetrachloroethene
Concen: 46.855 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion:164 Resp: 195518
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 103.1 82.4 123.6
131 98.0 78.2 117.4





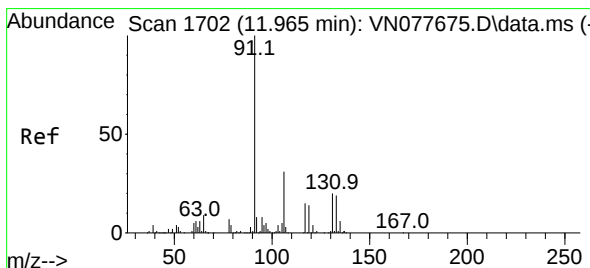
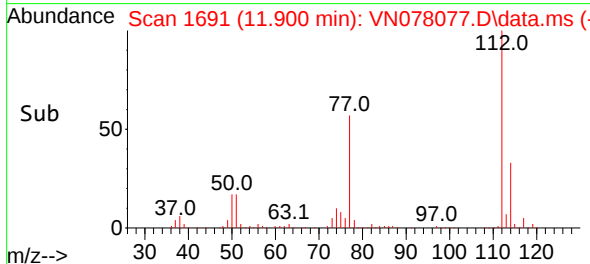
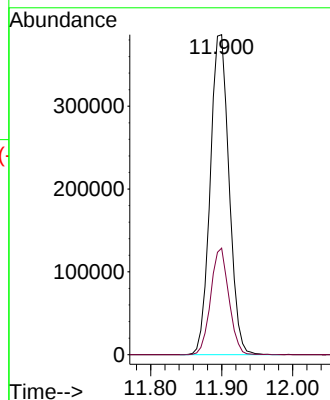
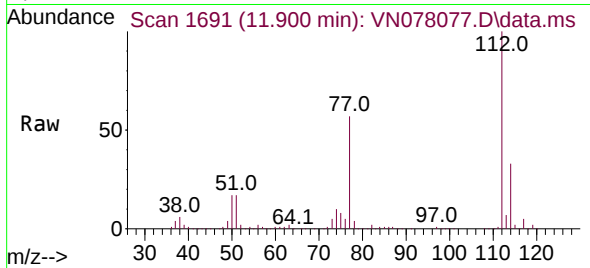
#65
Chlorobenzene
Concen: 54.991 ug/l
RT: 11.900 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 711340
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

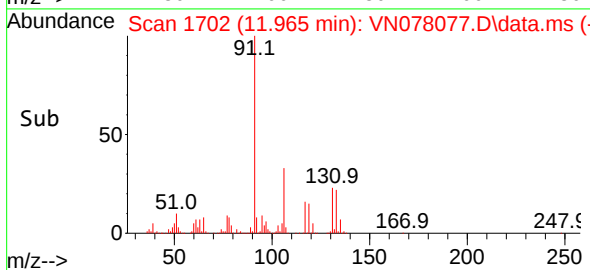
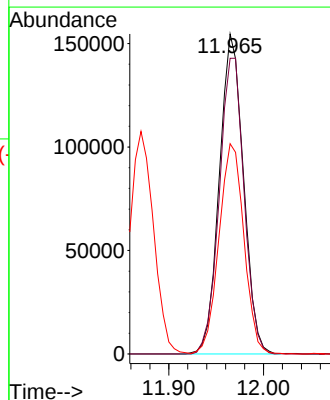
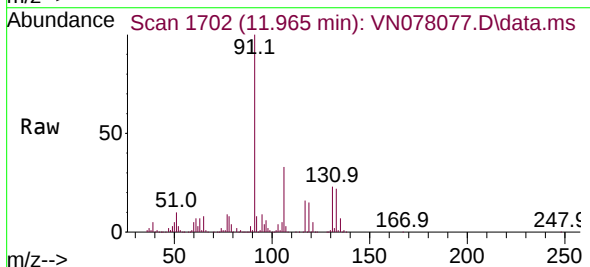
Manual Integrations
APPROVED

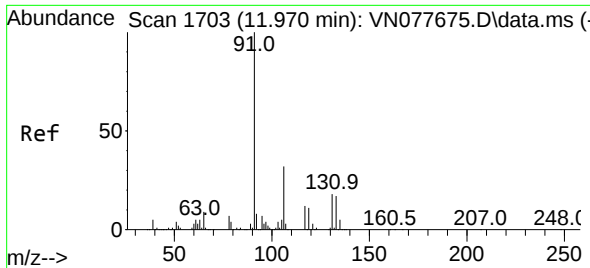
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 61.049 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

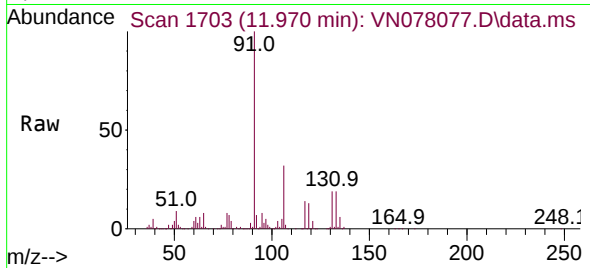
Tgt Ion:131 Resp: 273253
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 68.1 34.1 102.2





#67
Ethyl Benzene
Concen: 53.212 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

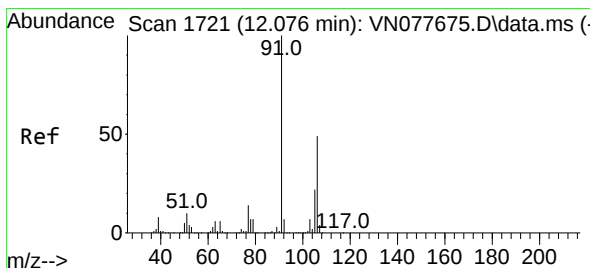
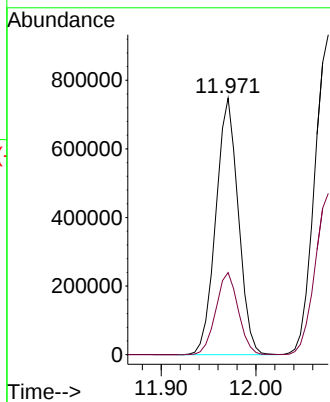
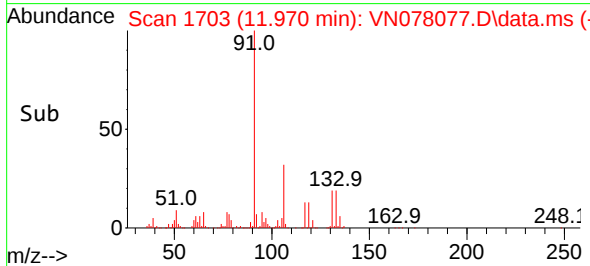
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



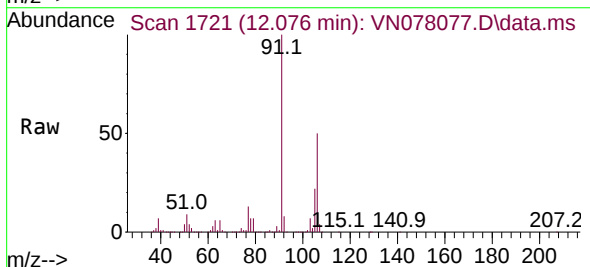
Tgt Ion: 91 Resp: 1233539
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

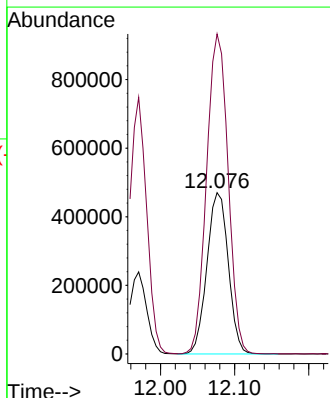
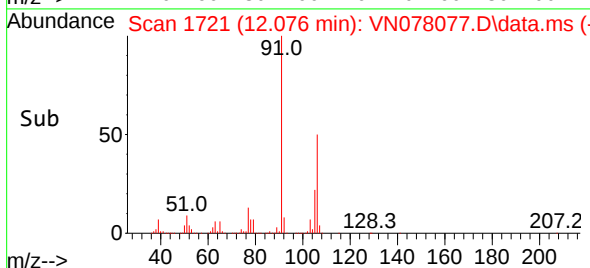
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

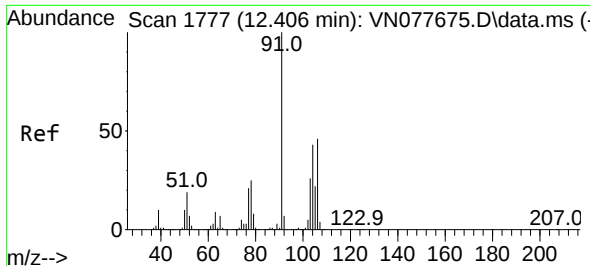


#68
m/p-Xylenes
Concen: 107.194 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



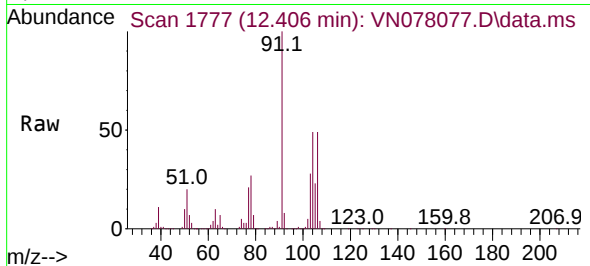
Tgt Ion:106 Resp: 941563
Ion Ratio Lower Upper
106 100
91 199.8 159.6 239.4





#69
o-Xylene
Concen: 54.688 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

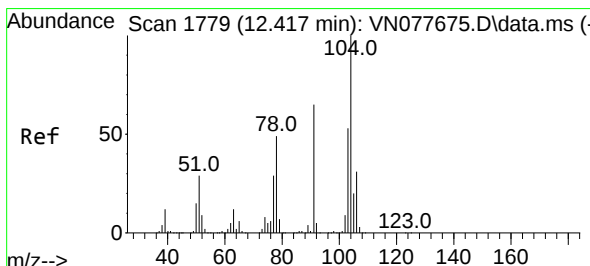
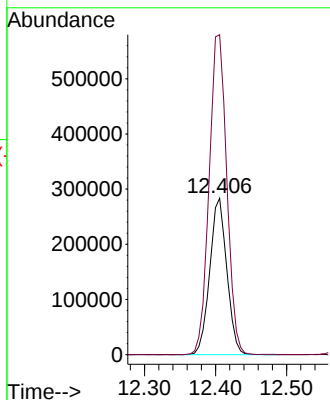
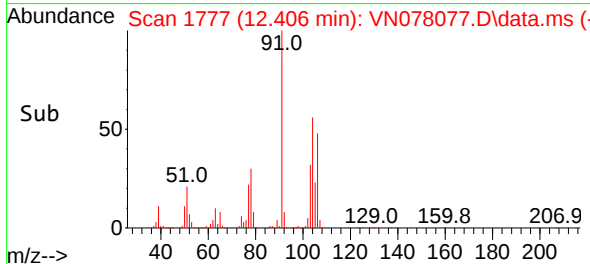
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 472409
Ion Ratio Lower Upper
106 100
91 211.9 105.2 315.5

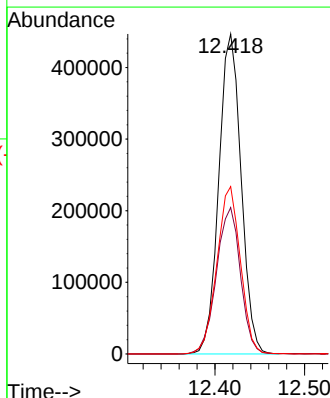
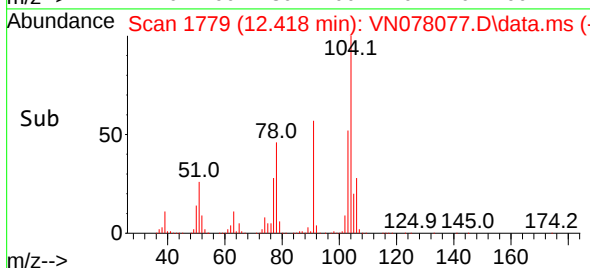
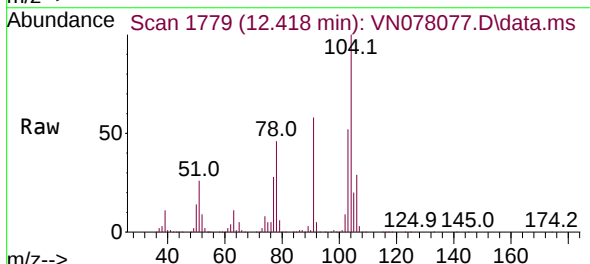
Manual Integrations
APPROVED

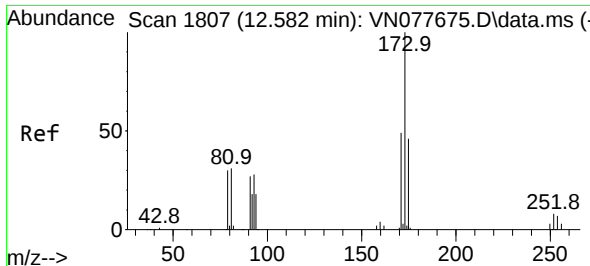
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#70
Styrene
Concen: 56.294 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

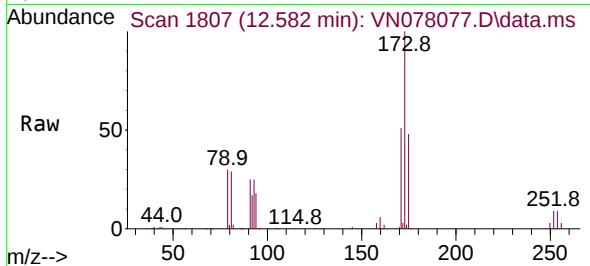
Tgt Ion:104 Resp: 772493
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 55.2 43.2 64.8





#71
Bromoform
Concen: 62.156 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

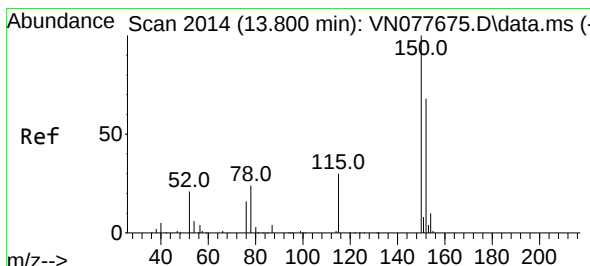
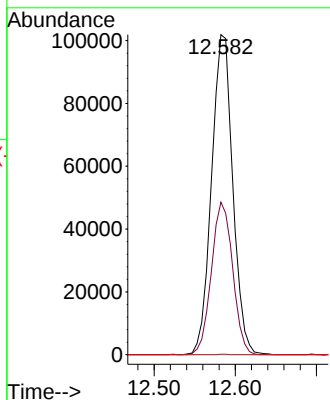
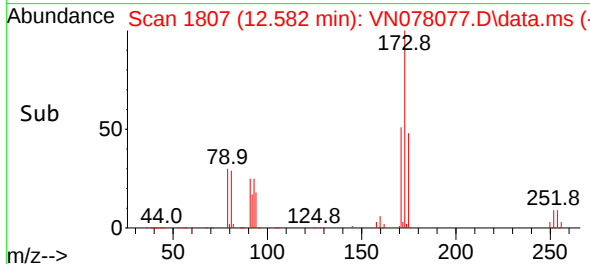
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



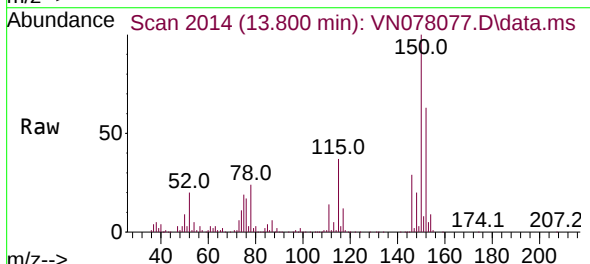
Tgt Ion:173 Resp: 185072
Ion Ratio Lower Upper
173 100
175 47.8 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

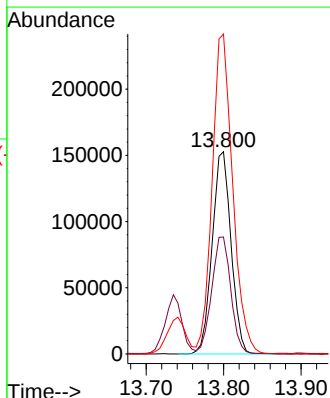
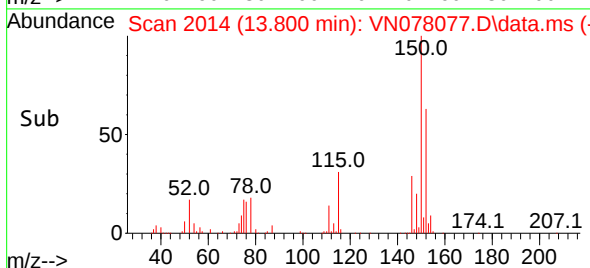
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

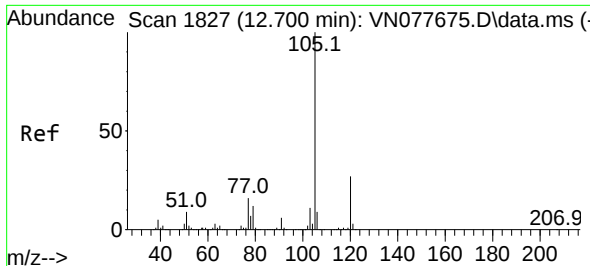


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



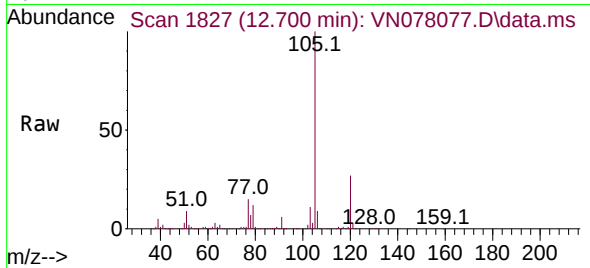
Tgt Ion:152 Resp: 258520
Ion Ratio Lower Upper
152 100
115 58.1 32.3 96.8
150 171.5 0.0 355.8





#73
Isopropylbenzene
Concen: 52.215 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

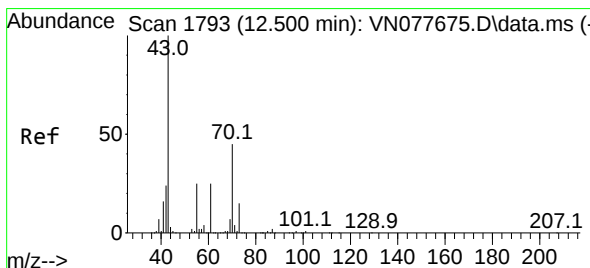
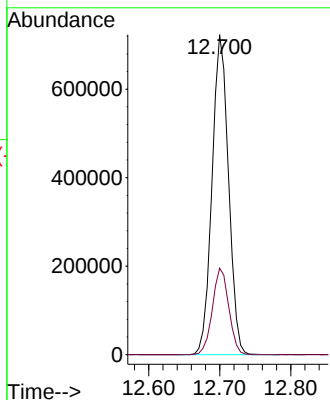
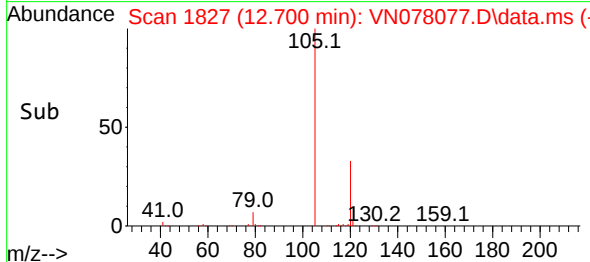
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



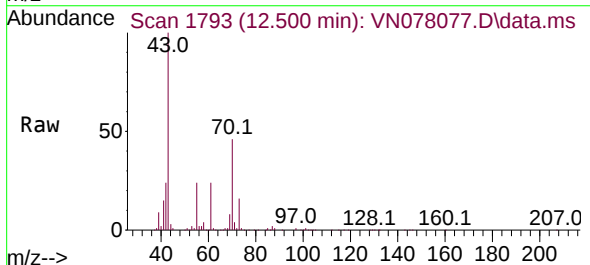
Tgt Ion:105 Resp: 1163580
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

Manual Integrations
APPROVED

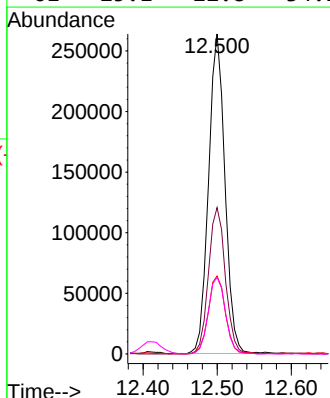
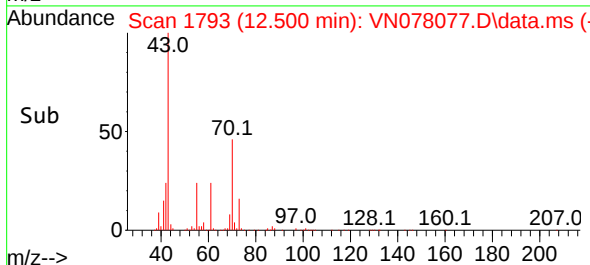
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

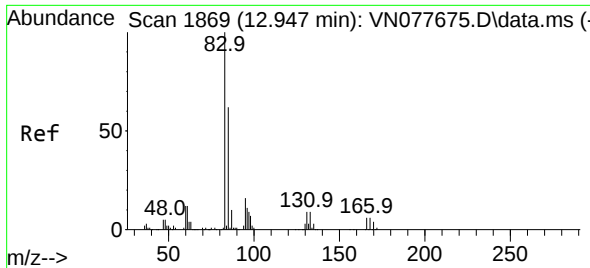


#74
N-ethyl acetate
Concen: 49.168 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



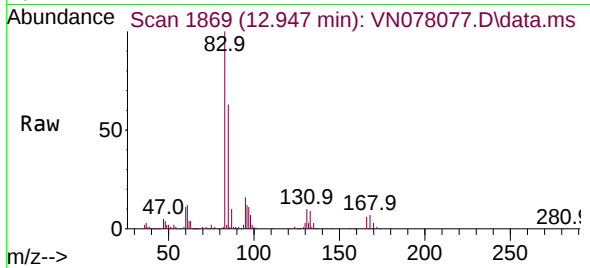
Tgt Ion: 43 Resp: 404998
Ion Ratio Lower Upper
43 100
70 47.3 43.4 65.2
55 25.6 21.4 32.0
61 25.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.242 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

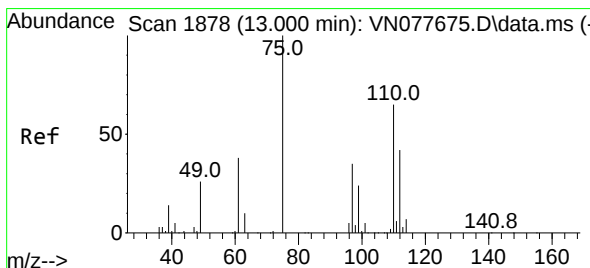
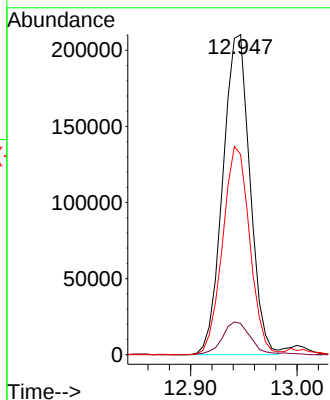
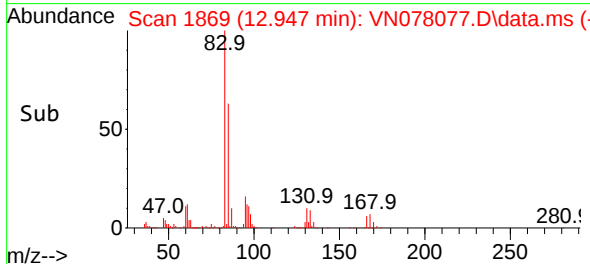
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 371859
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 65.0 31.9 95.7

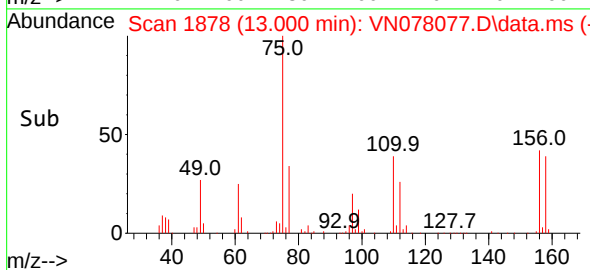
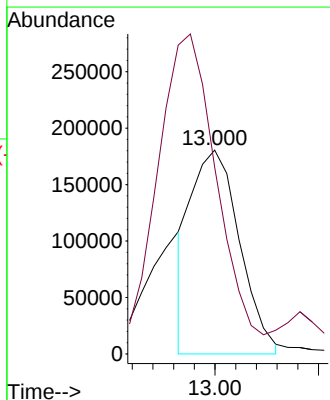
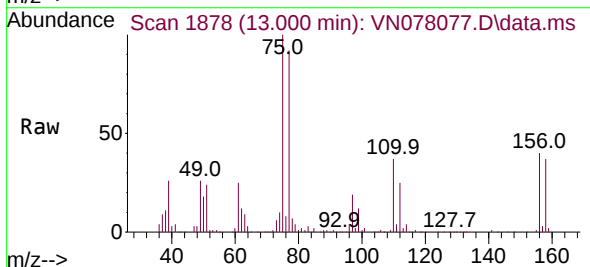
Manual Integrations
APPROVED

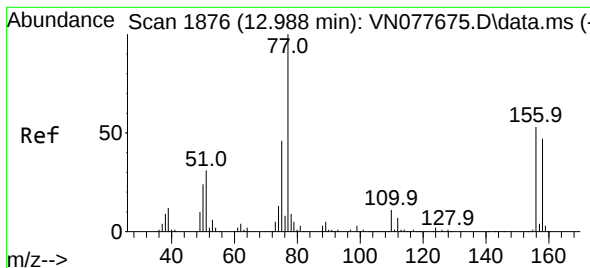
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#76
1,2,3-Trichloropropane
Concen: 45.481 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 75 Resp: 294459
Ion Ratio Lower Upper
75 100
77 194.5 84.5 253.5





#77

Bromobenzene

Concen: 53.298 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078077.D

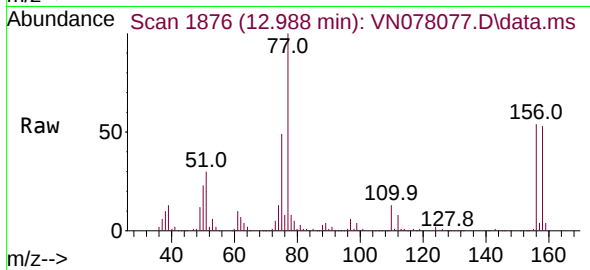
Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 271045

Ion Ratio Lower Upper

156 100

77 211.3 107.7 323.3

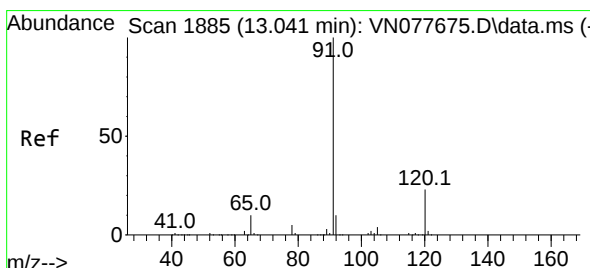
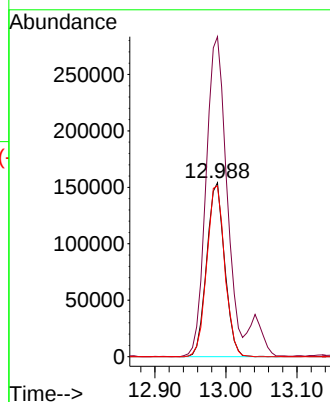
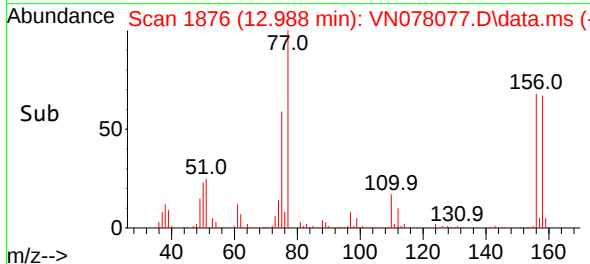
158 98.5 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#78

n-propylbenzene

Concen: 48.824 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078077.D

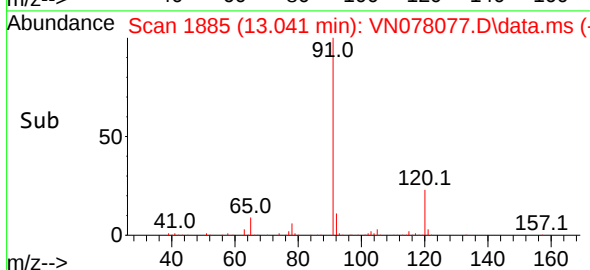
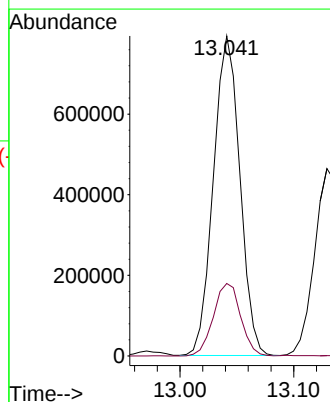
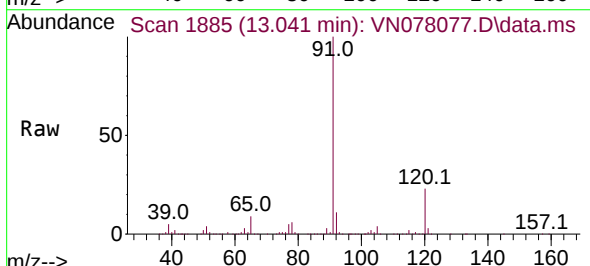
Acq: 06 Jun 2023 18:00

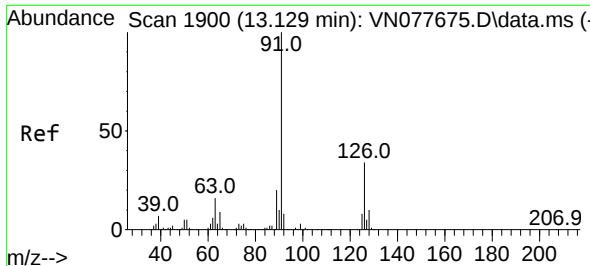
Tgt Ion: 91 Resp: 1282700

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





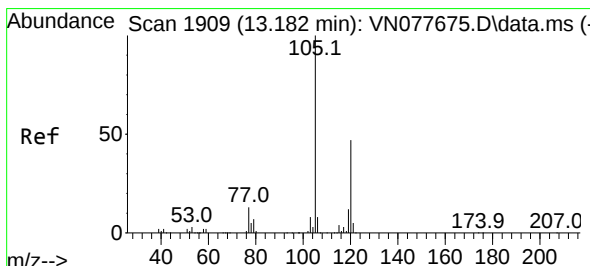
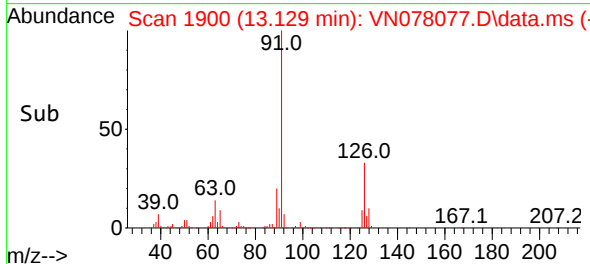
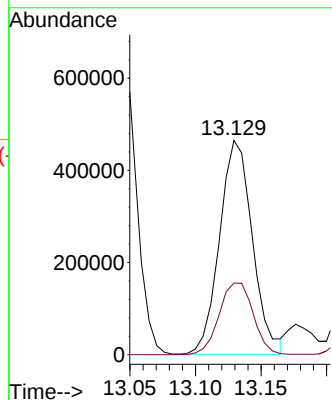
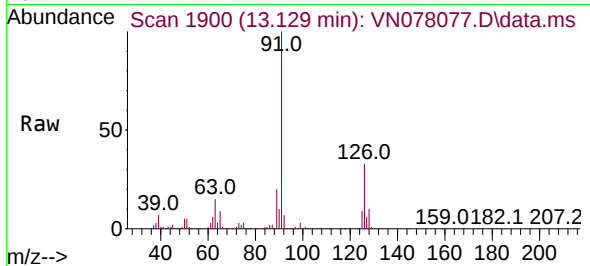
#79
2-Chlorotoluene
Concen: 51.675 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 81010
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

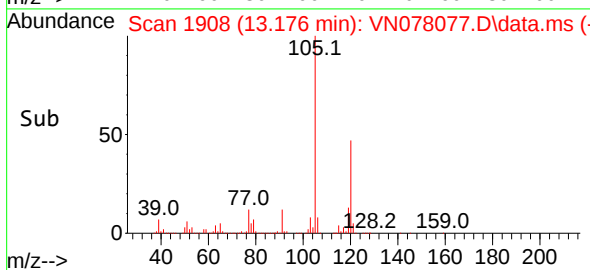
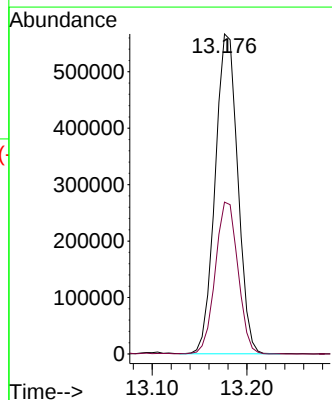
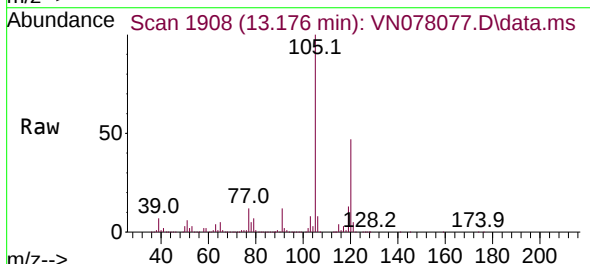
Manual Integrations
APPROVED

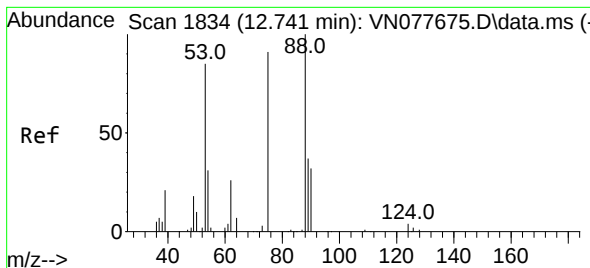
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.125 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

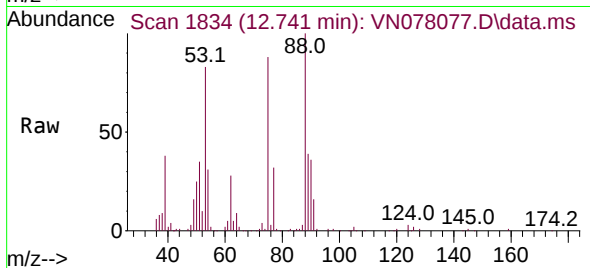
Tgt Ion:105 Resp: 938801
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.299 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

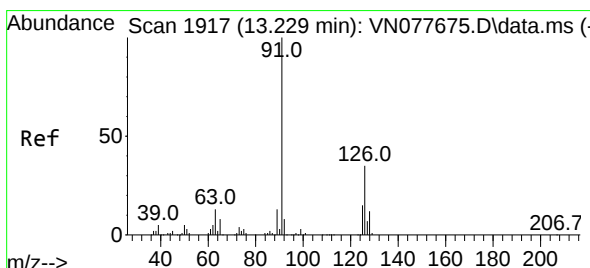
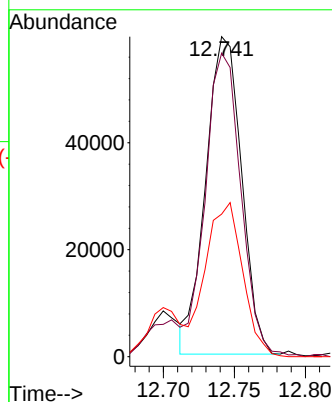
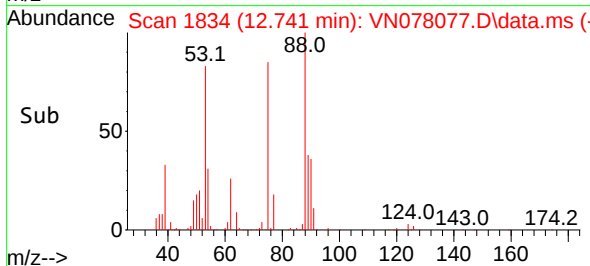
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 103902
Ion Ratio Lower Upper
75 100
53 106.3 67.4 101.2
89 49.8 38.8 58.2

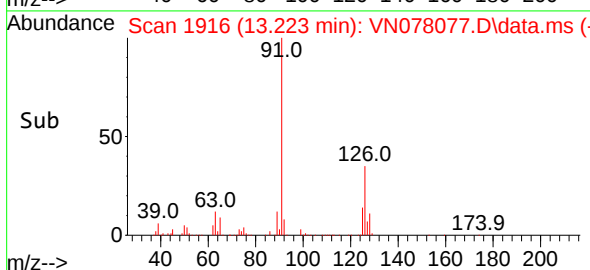
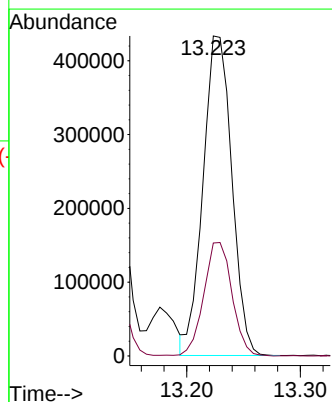
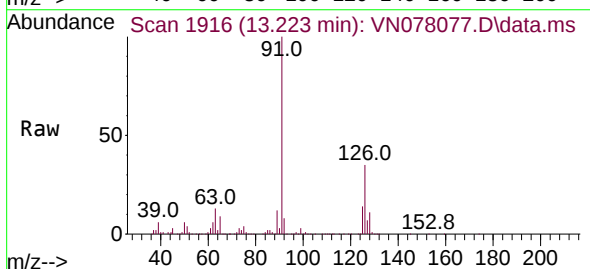
Manual Integrations
APPROVED

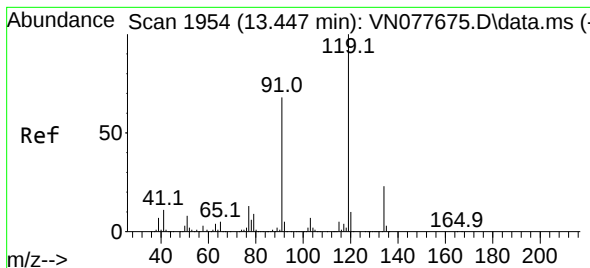
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#82
4-Chlorotoluene
Concen: 48.939 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 91 Resp: 763355
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0





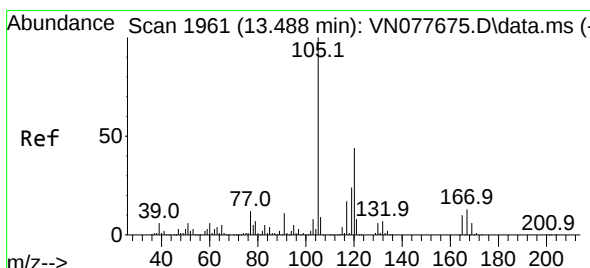
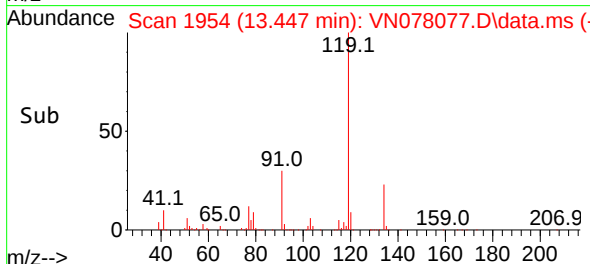
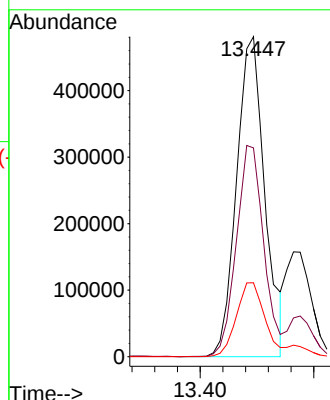
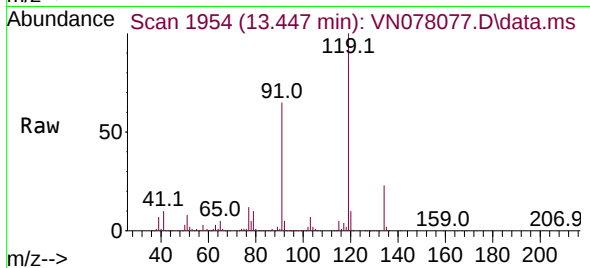
#83
tert-Butylbenzene
Concen: 50.752 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 829814
Ion Ratio Lower Upper
119 100
91 64.1 33.9 101.7
134 23.6 13.2 39.6

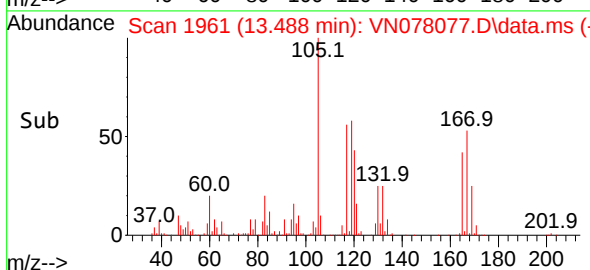
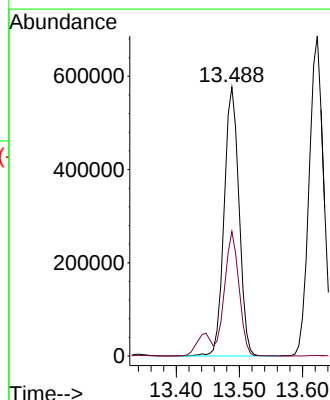
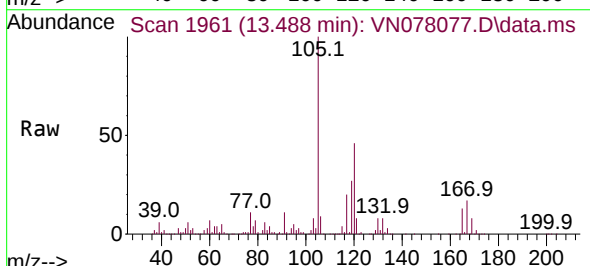
Manual Integrations
APPROVED

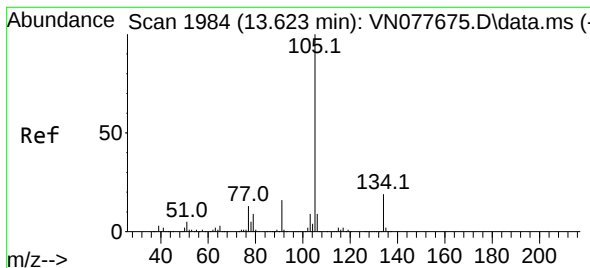
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.165 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion:105 Resp: 942454
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





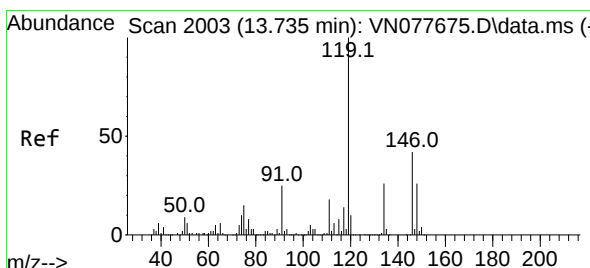
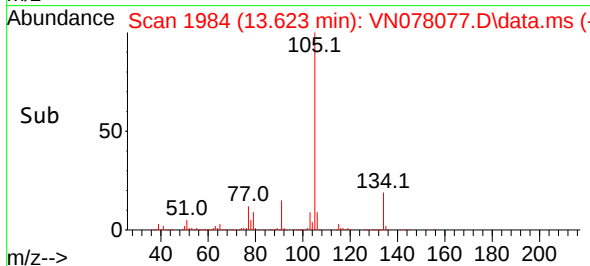
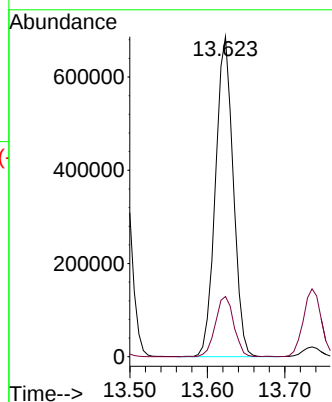
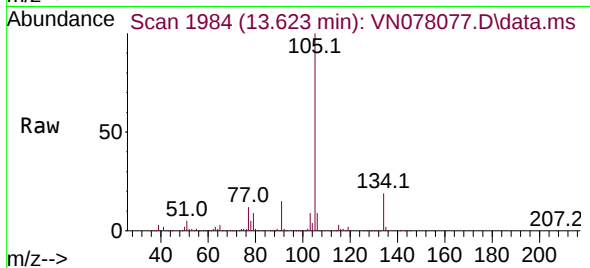
#85
 sec-Butylbenzene
 Concen: 46.896 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 108972
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

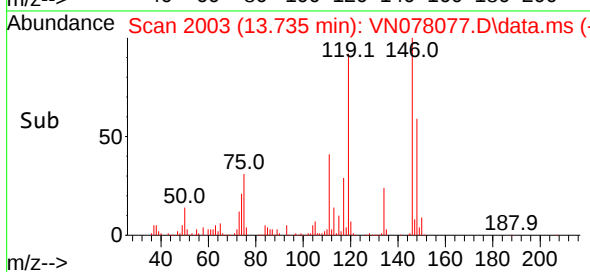
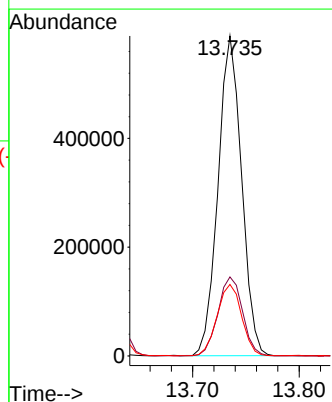
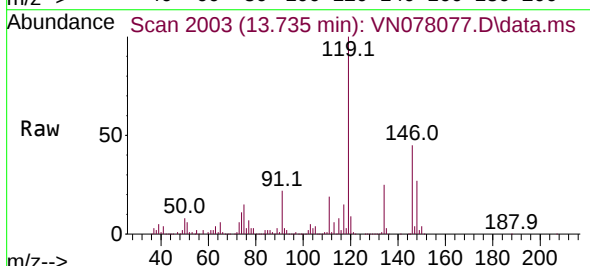
Manual Integrations
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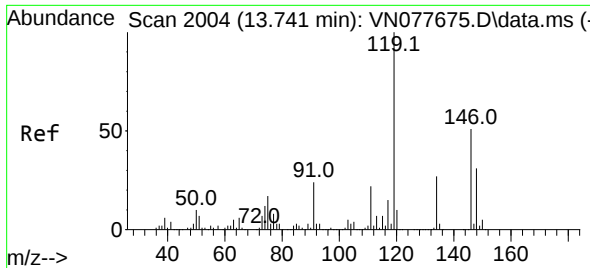
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#86
 p-Isopropyltoluene
 Concen: 48.670 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00

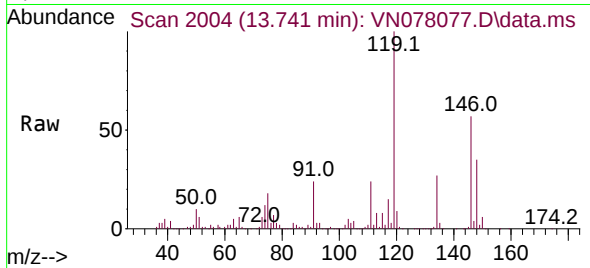
Tgt Ion:119 Resp: 901626
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 49.804 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00

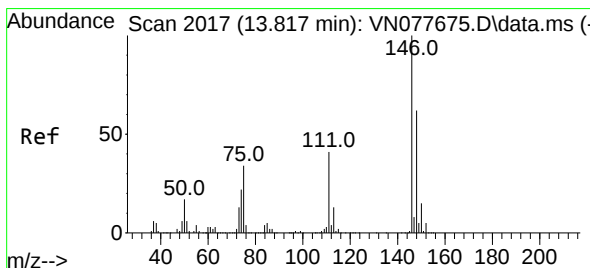
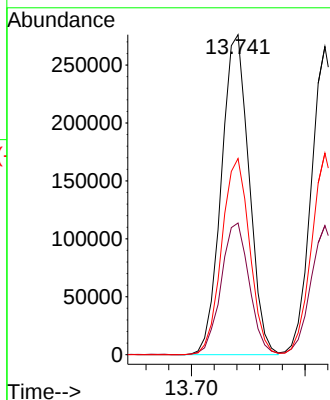
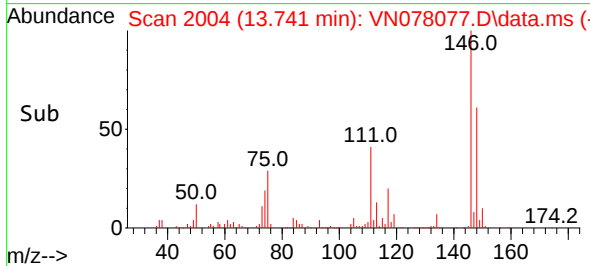
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



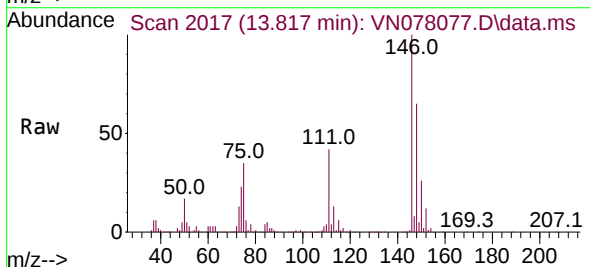
Tgt Ion:146 Resp: 46840
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.3
 148 61.7 32.0 96.0

Manual Integrations
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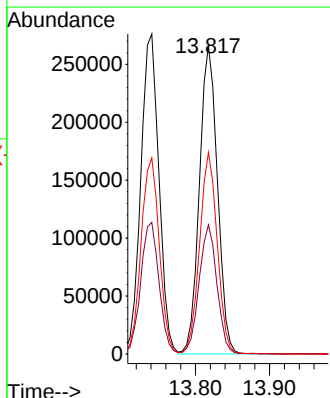
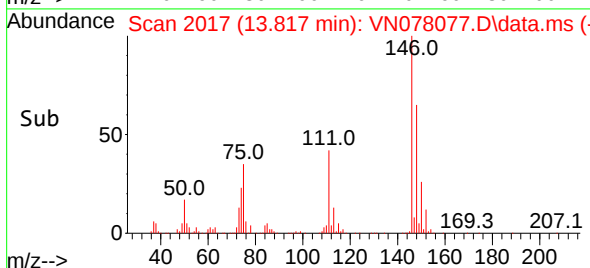
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

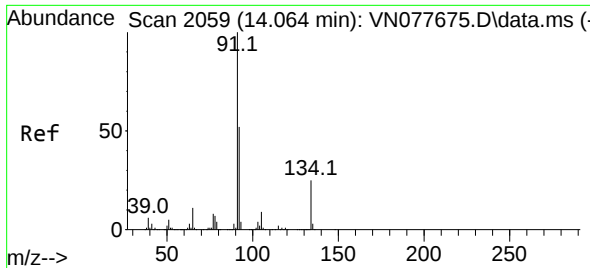


#88
 1,4-Dichlorobenzene
 Concen: 48.154 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN078077.D
 Acq: 06 Jun 2023 18:00



Tgt Ion:146 Resp: 449406
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.8
 148 63.9 31.6 94.8





#89
n-Butylbenzene
Concen: 41.847 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

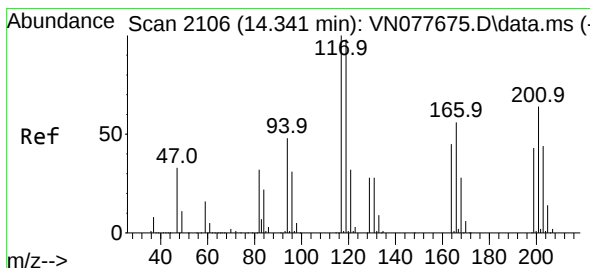
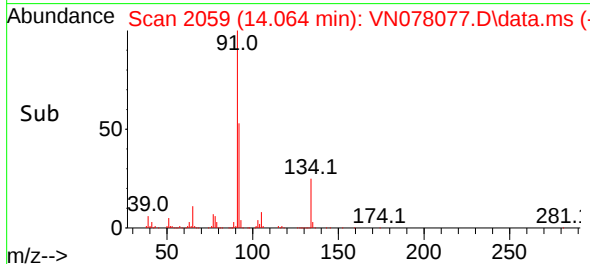
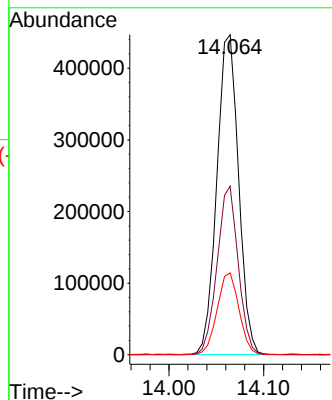
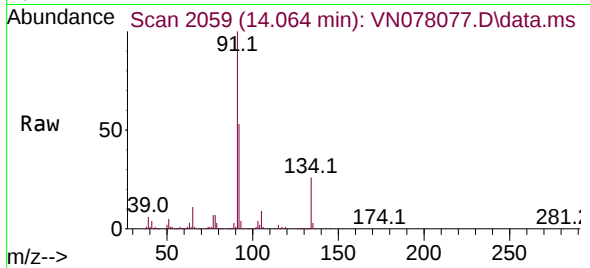
VSTDCCC050EC

Tgt Ion: 91 Resp: 713034
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 25.8 12.6 37.6

Manual Integrations

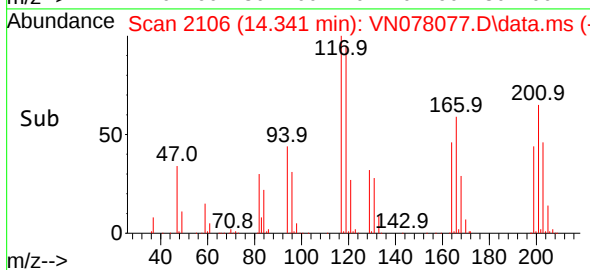
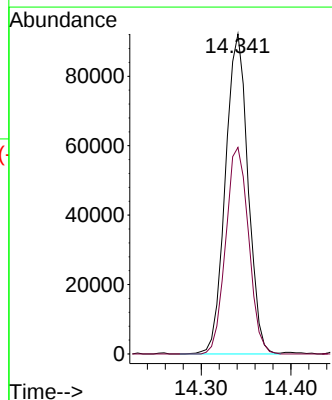
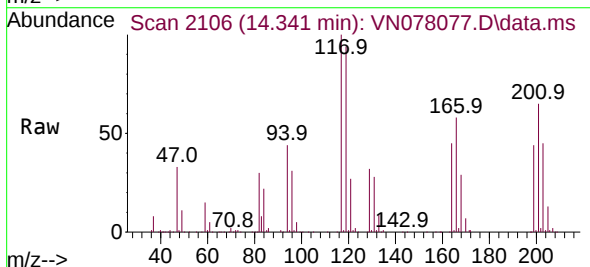
APPROVED

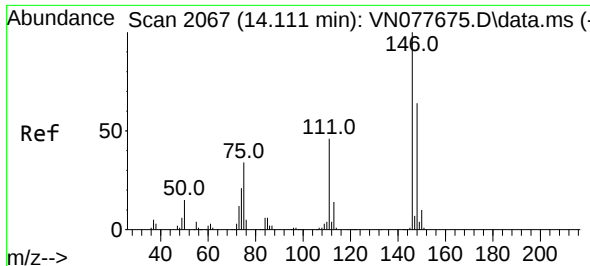
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#90
Hexachloroethane
Concen: 52.967 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion:117 Resp: 161193
Ion Ratio Lower Upper
117 100
201 65.4 29.3 88.0





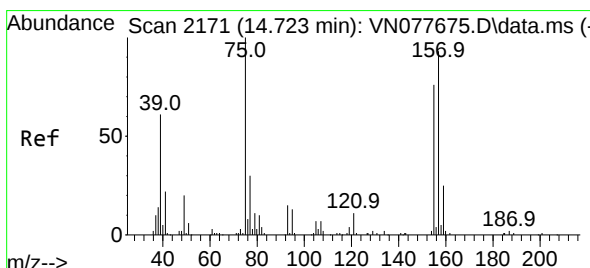
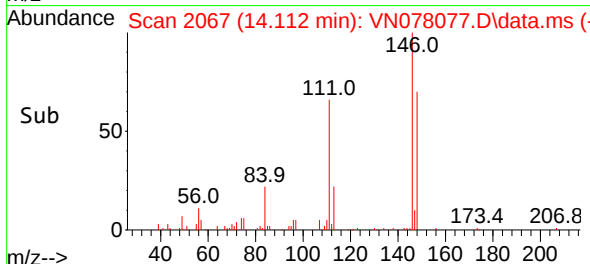
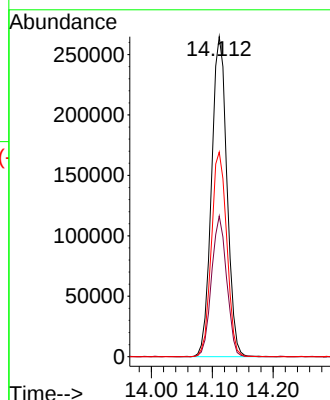
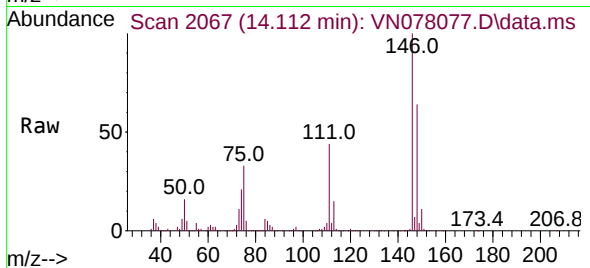
#91
1,2-Dichlorobenzene
Concen: 53.026 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 465890
Ion Ratio Lower Upper
146 100
111 43.0 22.0 66.0
148 63.7 31.8 95.3

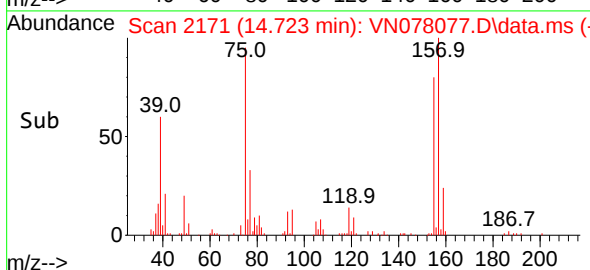
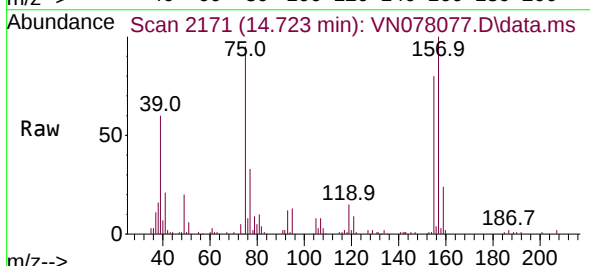
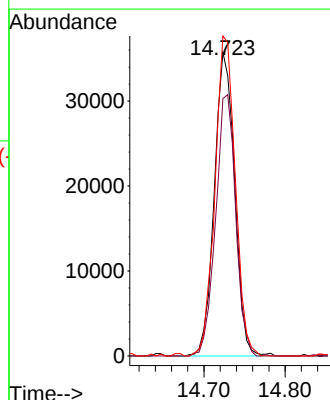
Manual Integrations
APPROVED

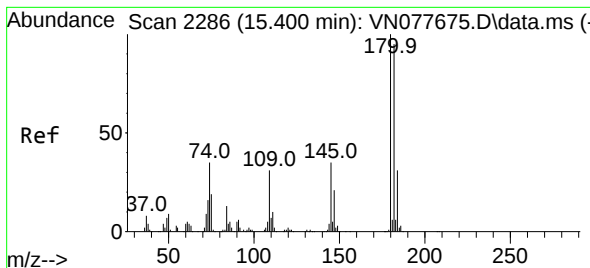
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.894 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

Tgt Ion: 75 Resp: 62240
Ion Ratio Lower Upper
75 100
155 84.7 39.1 117.2
157 105.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 35.489 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 18221

Ion Ratio Lower Upper

180 100

182 94.3 46.1 138.2

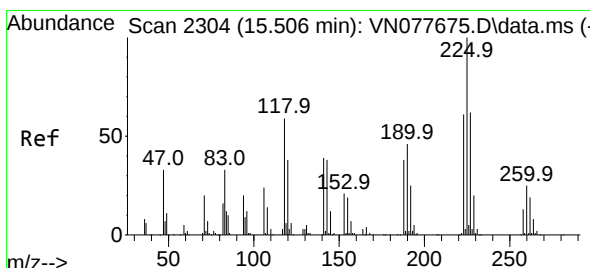
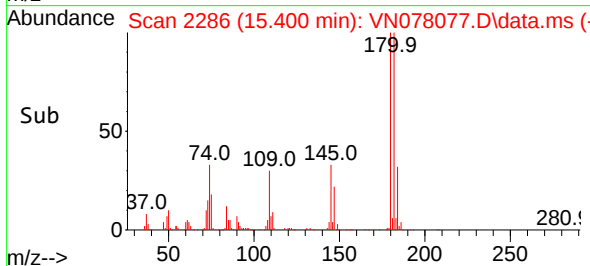
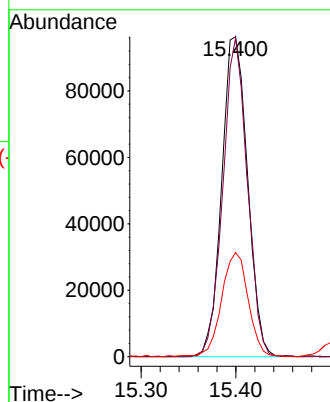
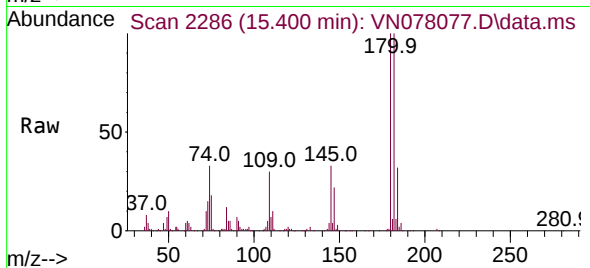
145 33.7 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#94

Hexachlorobutadiene

Concen: 41.816 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078077.D

Acq: 06 Jun 2023 18:00

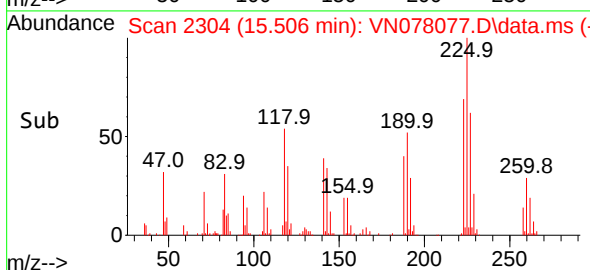
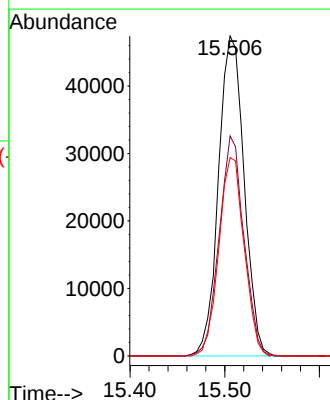
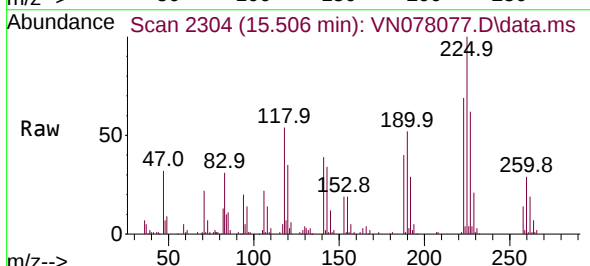
Tgt Ion:225 Resp: 89141

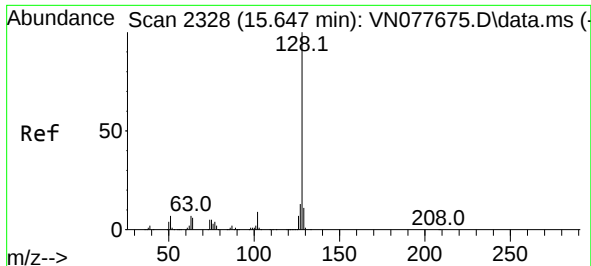
Ion Ratio Lower Upper

225 100

223 66.3 31.3 93.8

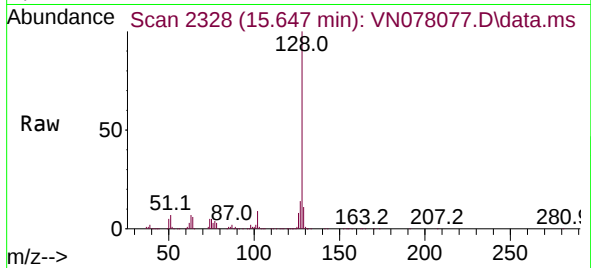
227 61.2 31.9 95.9





#95
Naphthalene
Concen: 33.132 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00

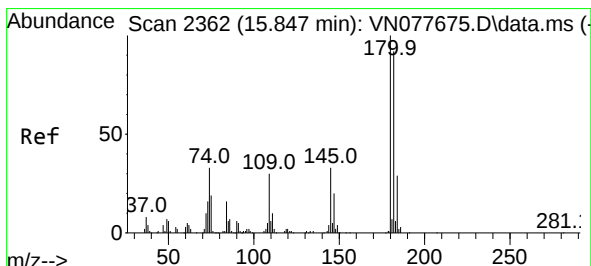
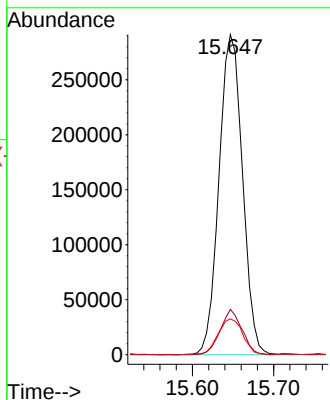
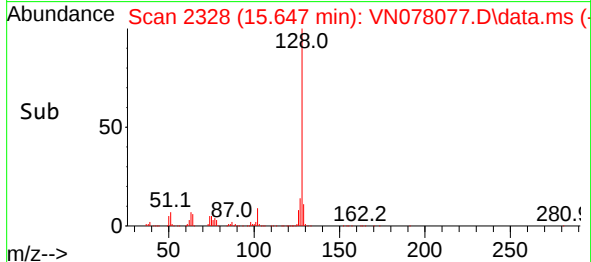
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



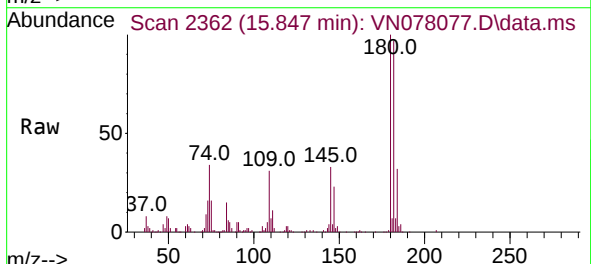
Tgt Ion:128 Resp: 585529
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 37.393 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078077.D
Acq: 06 Jun 2023 18:00



Tgt Ion:180 Resp: 187974
Ion Ratio Lower Upper
180 100
182 96.2 46.2 138.6
145 35.4 17.5 52.6

