

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078035.D
 Acq On : 05 Jun 2023 11:11
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 06 01:56:57 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	365841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	635700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	541108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	272378	49.759	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.520%
35) Dibromofluoromethane	8.177	113	237205	57.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.440%
50) Toluene-d8	10.571	98	827273	51.848	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.853	95	285484	50.661	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	175664	42.191	ug/l	99
3) Chloromethane	2.371	50	190910	42.996	ug/l	99
4) Vinyl Chloride	2.518	62	247964	47.238	ug/l	99
5) Bromomethane	2.959	94	185000	47.652	ug/l	95
6) Chloroethane	3.124	64	183452	48.493	ug/l	98
7) Trichlorofluoromethane	3.506	101	381911	52.205	ug/l	100
8) Diethyl Ether	3.971	74	140286	52.528	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.389	101	218663	54.011	ug/l	97
10) Methyl Iodide	4.600	142	281209	58.243	ug/l	99
11) Tert butyl alcohol	5.530	59	161963	214.392	ug/l	99
12) 1,1-Dichloroethene	4.347	96	195384	50.778	ug/l	87
13) Acrolein	4.183	56	61729	115.936	ug/l	94
14) Allyl chloride	5.030	41	268210	47.449	ug/l	94
15) Acrylonitrile	5.730	53	490757	243.156	ug/l	99
16) Acetone	4.436	43	389254	226.026	ug/l	95
17) Carbon Disulfide	4.718	76	451074	43.507	ug/l	99
18) Methyl Acetate	5.036	43	357936	49.543	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	745242	53.508	ug/l	95
20) Methylene Chloride	5.283	84	250098	56.033	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	223778	51.773	ug/l #	79
22) Diisopropyl ether	6.683	45	697831	52.669	ug/l	95
23) Vinyl Acetate	6.612	43	2021355	246.234	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	443729	54.665	ug/l	98
25) 2-Butanone	7.488	43	608222	225.770	ug/l	90
26) 2,2-Dichloropropane	7.494	77	385110	55.844	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	283760	54.753	ug/l	93
28) Bromochloromethane	7.818	49	170803	48.655	ug/l	94
29) Tetrahydrofuran	7.841	42	398159	225.713	ug/l	86
30) Chloroform	7.971	83	489624	54.834	ug/l	97
31) Cyclohexane	8.265	56	344774	46.342	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	421553	55.529	ug/l	94
36) 1,1-Dichloropropene	8.377	75	342851	56.546	ug/l	97
37) Ethyl Acetate	7.565	43	251428	46.525	ug/l	96
38) Carbon Tetrachloride	8.365	117	378961	61.896	ug/l	97
39) Methylcyclohexane	9.606	83	384020	51.735	ug/l	93
40) Benzene	8.612	78	1018533	56.926	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	145554	50.574	ug/l	92
42) 1,2-Dichloroethane	8.677	62	367292	56.511	ug/l	97
43) Isopropyl Acetate	8.694	43	469279	53.163	ug/l	94
44) Trichloroethene	9.359	130	261814	57.790	ug/l	99
45) 1,2-Dichloropropane	9.624	63	268962	58.934	ug/l	91
46) Dibromomethane	9.712	93	192333	58.895	ug/l	98
47) Bromodichloromethane	9.894	83	385350	61.634	ug/l	96
48) Methyl methacrylate	9.688	41	211668	50.576	ug/l	91
49) 1,4-Dioxane	9.700	88	80030	1012.452	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	1362195	259.616	ug/l	94
52) Toluene	10.635	92	647945	58.170	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	400686	60.518	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	439996	60.304	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	260609	58.924	ug/l	96
56) Ethyl methacrylate	10.876	69	371647	55.576	ug/l	91
57) 1,3-Dichloropropane	11.171	76	436506	57.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	687377	208.938	ug/l	92
59) 2-Hexanone	11.200	43	930229	239.690	ug/l	92
60) Dibromochloromethane	11.365	129	292726	64.112	ug/l	100
61) 1,2-Dibromoethane	11.476	107	263734	59.773	ug/l	97
64) Tetrachloroethene	11.106	164	217812	57.560	ug/l	97
65) Chlorobenzene	11.894	112	692328	59.019	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	272969	67.251	ug/l	98
67) Ethyl Benzene	11.971	91	1249102	59.419	ug/l	98
68) m/p-Xylenes	12.076	106	963326	120.940	ug/l	100
69) o-Xylene	12.406	106	474416	60.563	ug/l	99
70) Styrene	12.418	104	772458	62.075	ug/l	98
71) Bromoform	12.582	173	186120	68.930	ug/l #	100
73) Isopropylbenzene	12.700	105	1226760	58.925	ug/l	99
74) N-amyl acetate	12.500	43	371339	48.255	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	354345	55.326	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	427640	70.702	ug/l	74
77) Bromobenzene	12.988	156	272236	57.300	ug/l	97
78) n-propylbenzene	13.041	91	1429969	58.261	ug/l	100
79) 2-Chlorotoluene	13.129	91	830413	56.699	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1035671	59.189	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	108654	57.422	ug/l	96
82) 4-Chlorotoluene	13.229	91	815601	55.970	ug/l	99
83) tert-Butylbenzene	13.441	119	886836	58.057	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1027730	59.722	ug/l	99
85) sec-Butylbenzene	13.623	105	1265912	58.313	ug/l	99
86) p-Isopropyltoluene	13.735	119	1028550	59.430	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	494565	56.288	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	477657	54.784	ug/l	100
89) n-Butylbenzene	14.059	91	868233	54.542	ug/l	99
90) Hexachloroethane	14.341	117	191461	67.341	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	486001	59.209	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58357	47.063	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	207663	43.293	ug/l	97
94) Hexachlorobutadiene	15.511	225	113334	56.907	ug/l	99
95) Naphthalene	15.647	128	590265	35.751	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	212917	45.336	ug/l	98

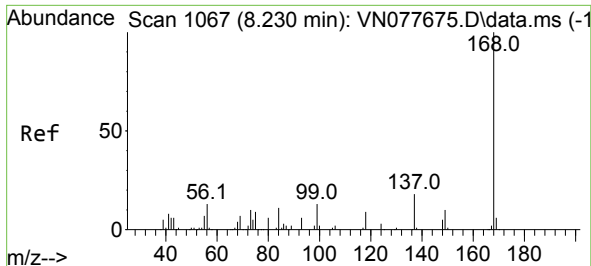
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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

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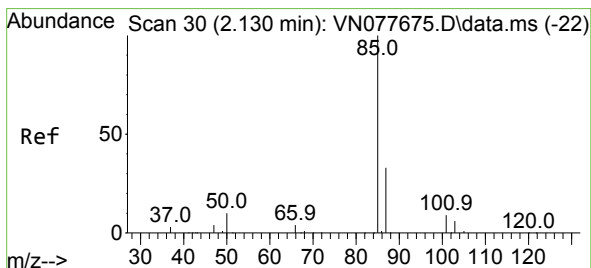
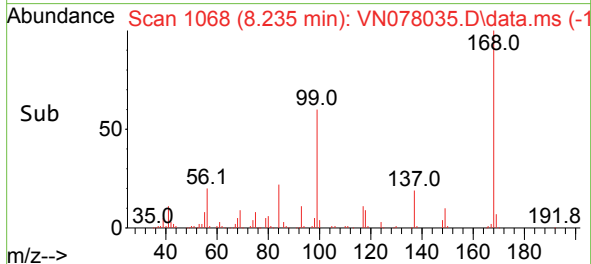
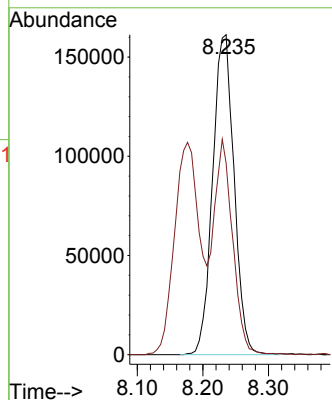
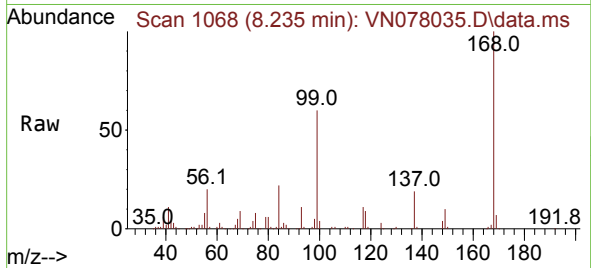
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

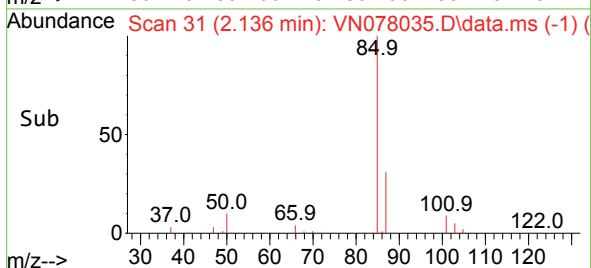
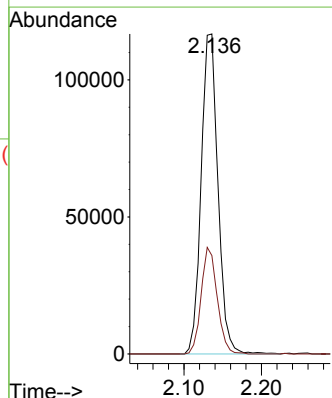
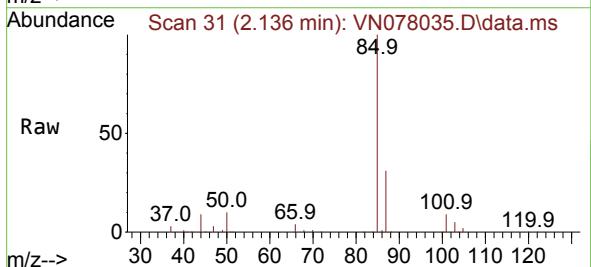
Instrument :
MSVOA_N
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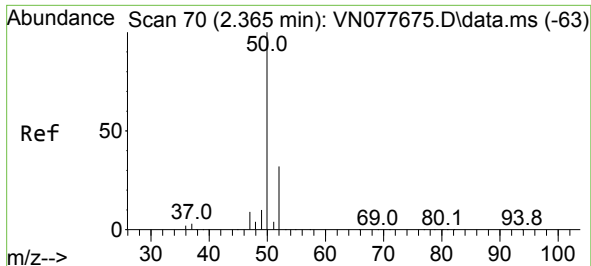
Tgt Ion:168 Resp: 365841
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 42.191 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 85 Resp: 175664
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4

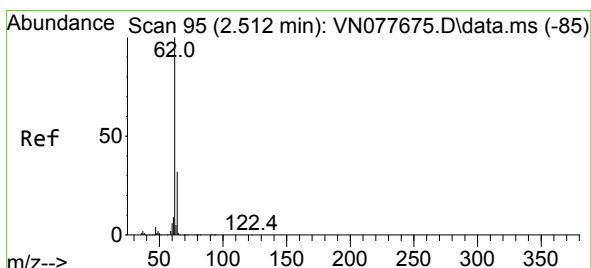
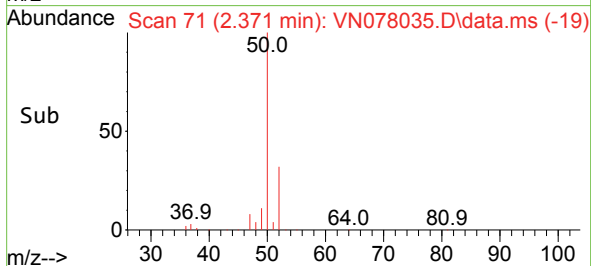
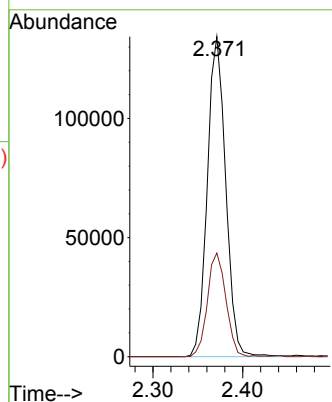
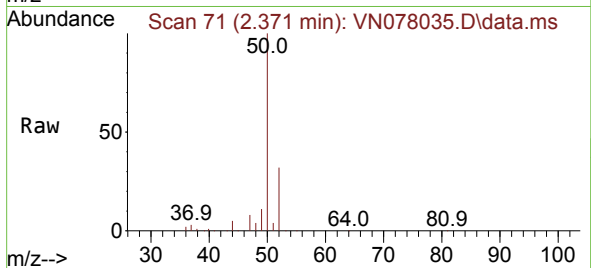




#3
Chloromethane
Concen: 42.996 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

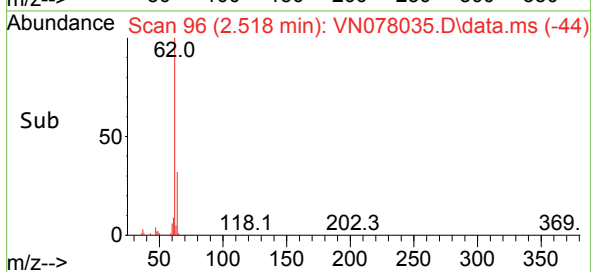
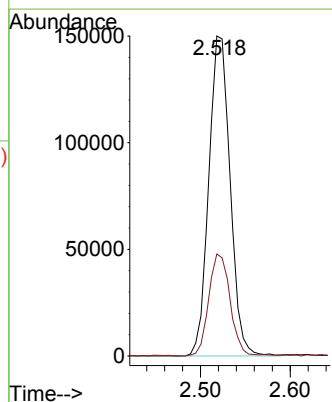
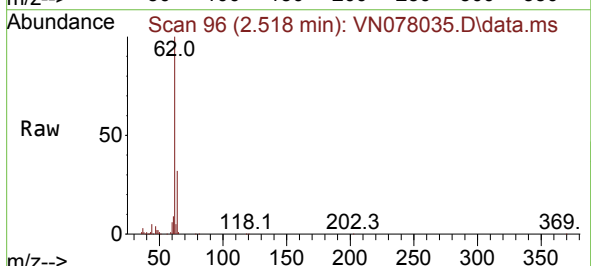
Instrument :
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ClientSampleId :
VSTDCCC050

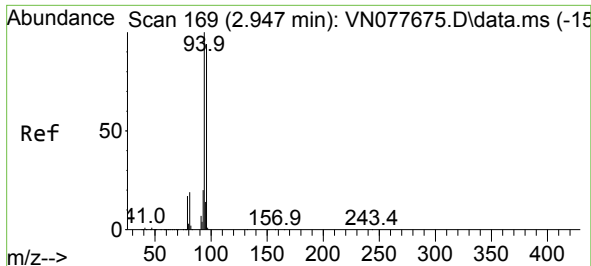
Tgt Ion: 50 Resp: 190910
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 47.238 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 62 Resp: 247964
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

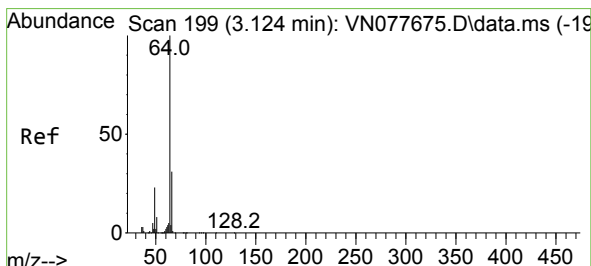
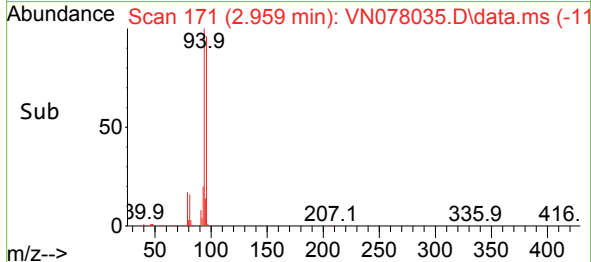
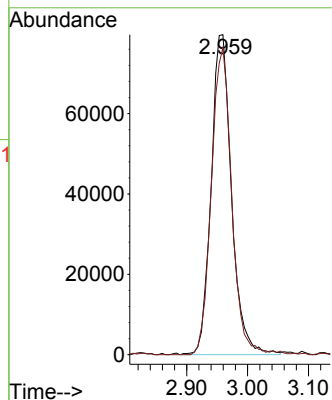
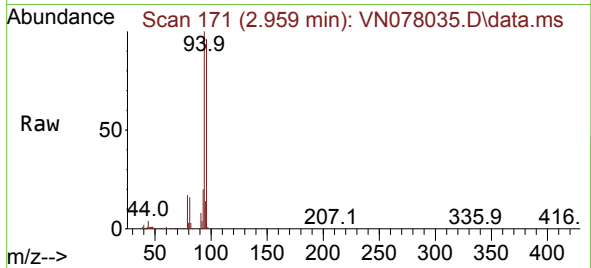




#5
Bromomethane
Concen: 47.652 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

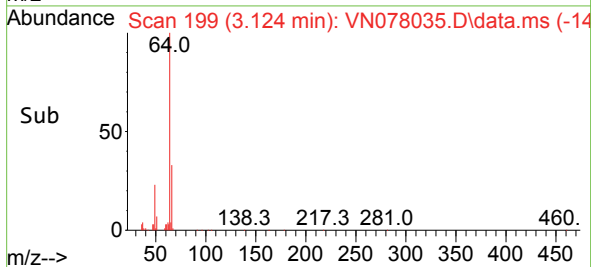
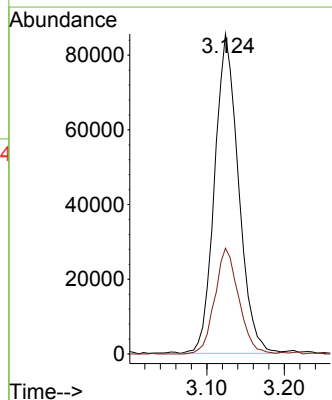
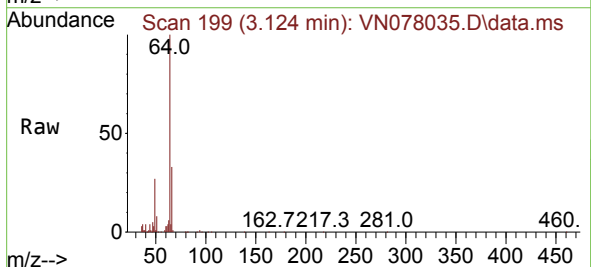
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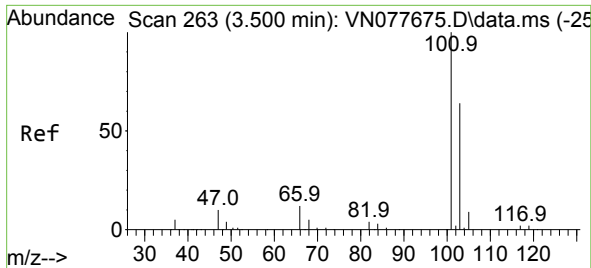
Tgt Ion: 94 Resp: 185000
Ion Ratio Lower Upper
94 100
96 95.9 73.1 109.7



#6
Chloroethane
Concen: 48.493 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 64 Resp: 183452
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.2

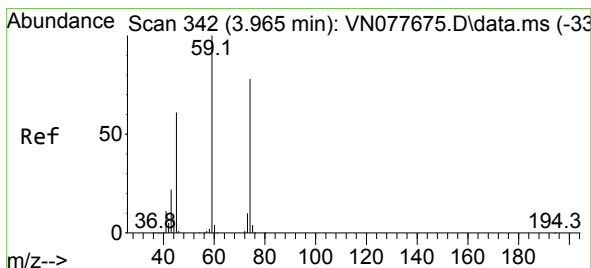
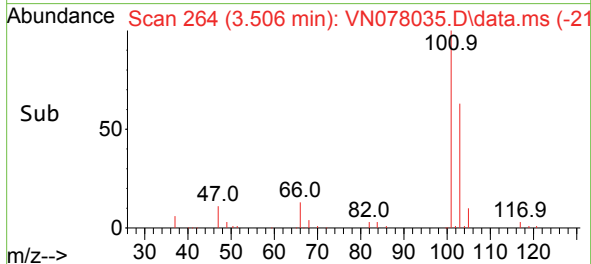
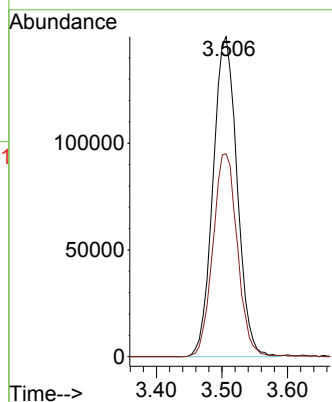
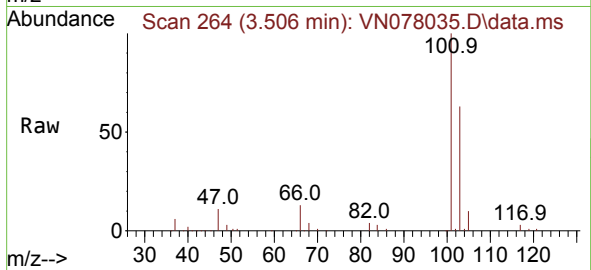




#7
Trichlorofluoromethane
Concen: 52.205 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

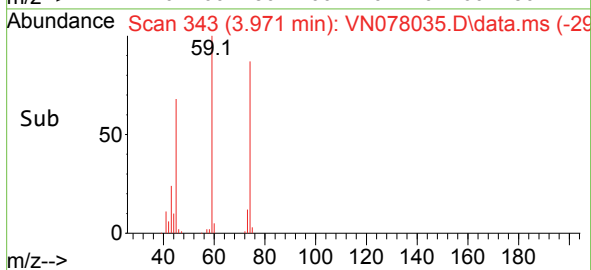
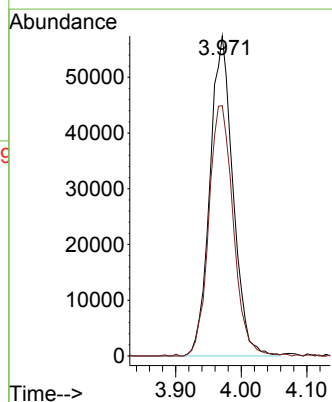
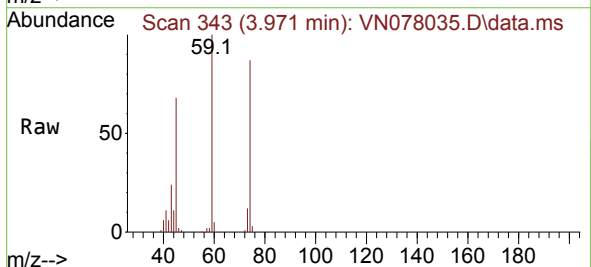
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ClientSampleId :
VSTDCCC050

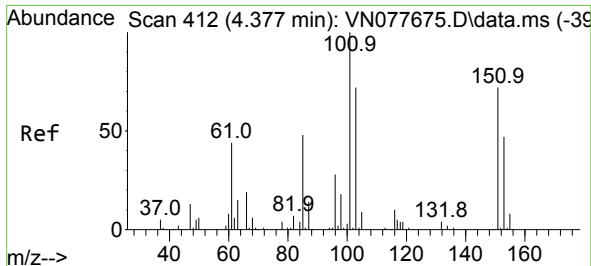
Tgt Ion:101 Resp: 381911
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1



#8
Diethyl Ether
Concen: 52.528 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 74 Resp: 140286
Ion Ratio Lower Upper
74 100
45 83.1 34.4 103.3

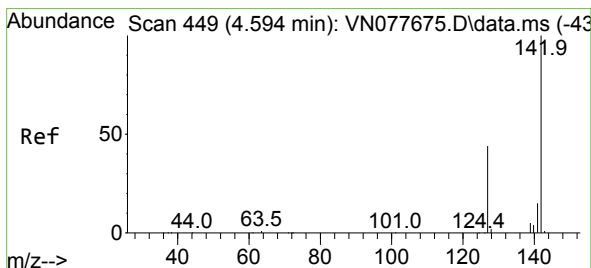
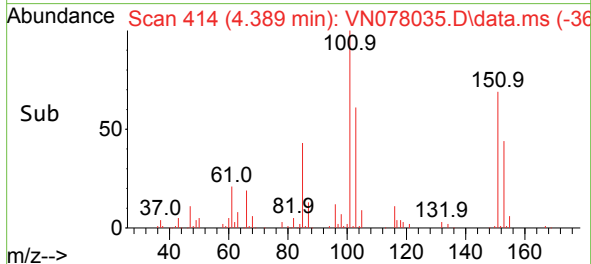
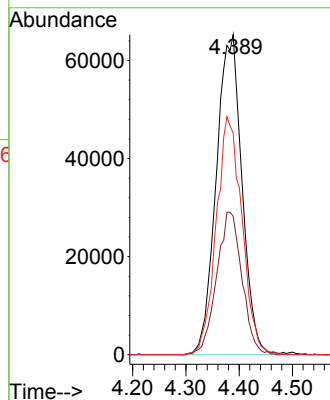
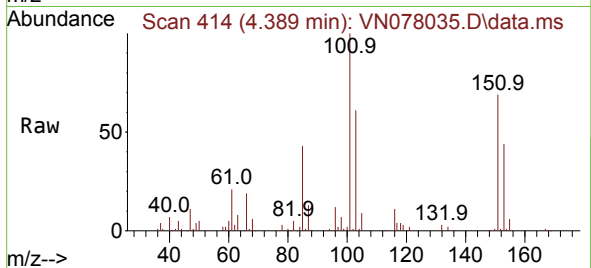




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.011 ug/l
RT: 4.389 min Scan# 41
Delta R.T. 0.012 min
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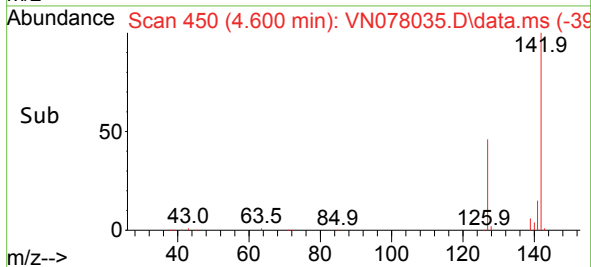
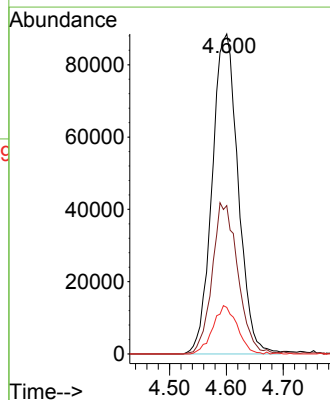
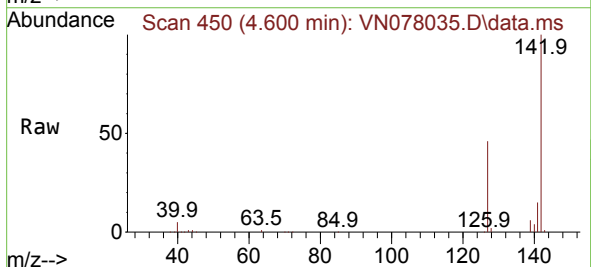
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

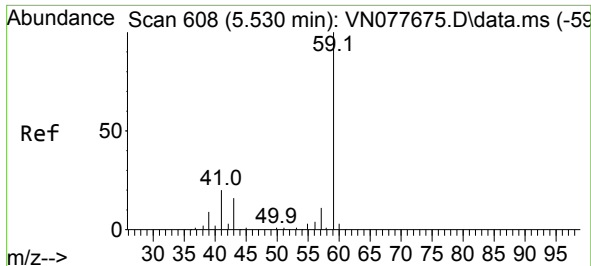
Tgt Ion:101 Resp: 218663
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 74.3 57.6 86.4



#10
Methyl Iodide
Concen: 58.243 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion:142 Resp: 281209
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.5 11.4 17.0

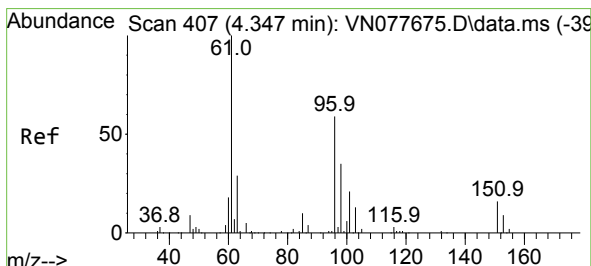
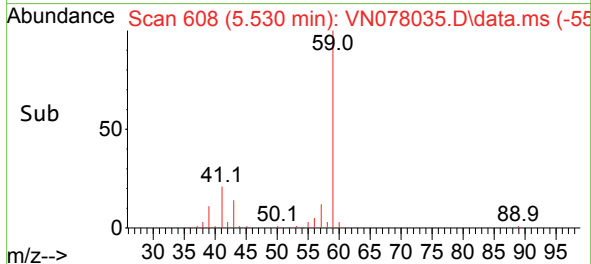
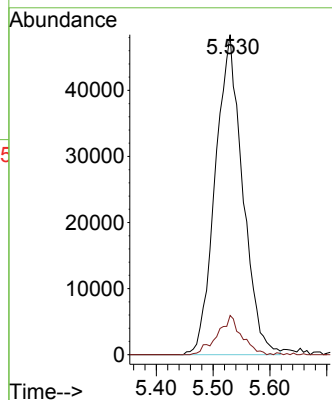
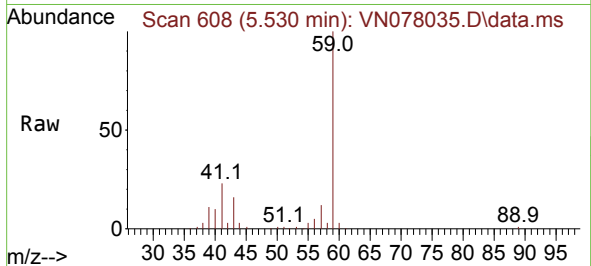




#11
Tert butyl alcohol
Concen: 214.392 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

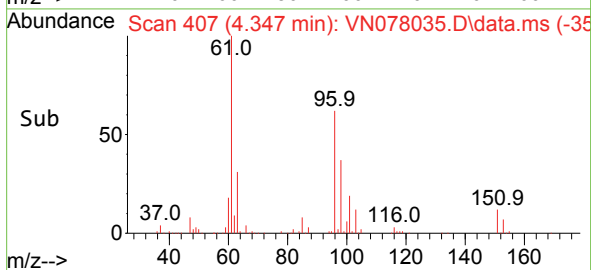
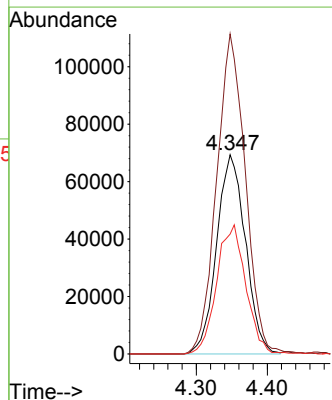
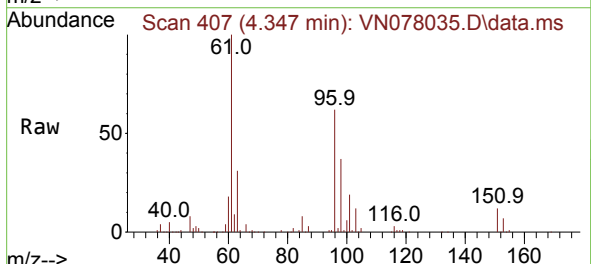
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

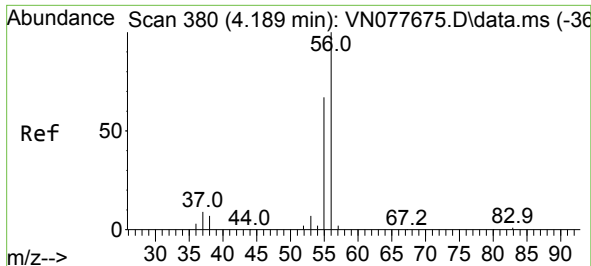
Tgt Ion: 59 Resp: 161963
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.778 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 96 Resp: 195384
Ion Ratio Lower Upper
96 100
61 160.6 112.7 169.1
98 60.2 51.2 76.8

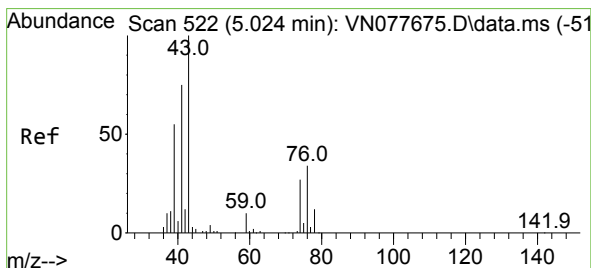
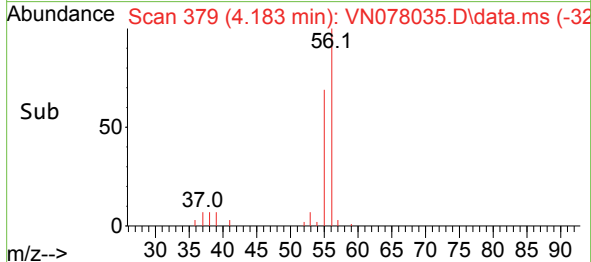
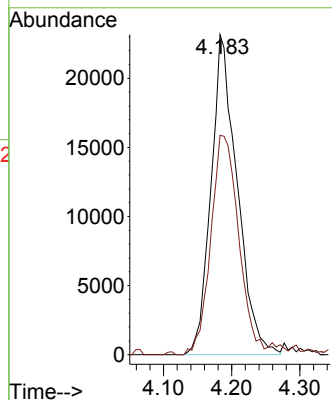
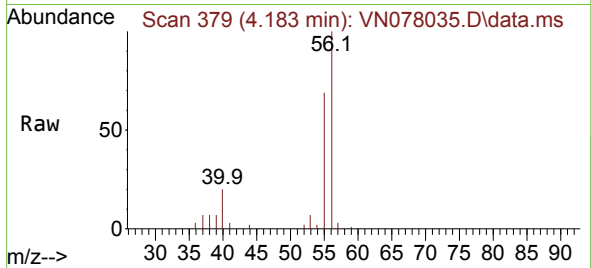




#13
Acrolein
Concen: 115.936 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

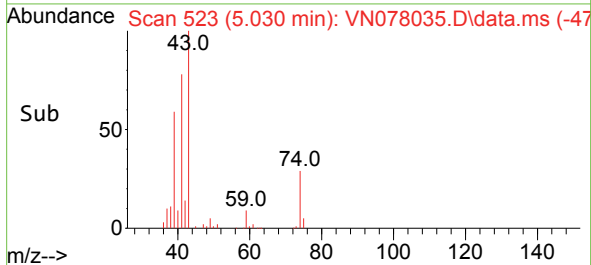
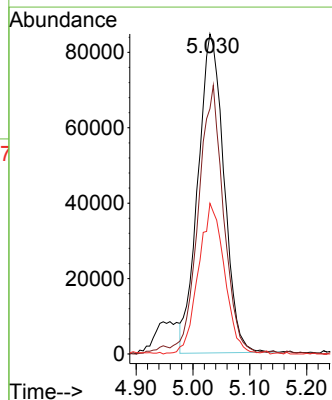
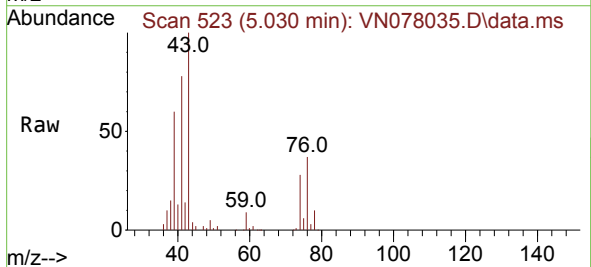
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

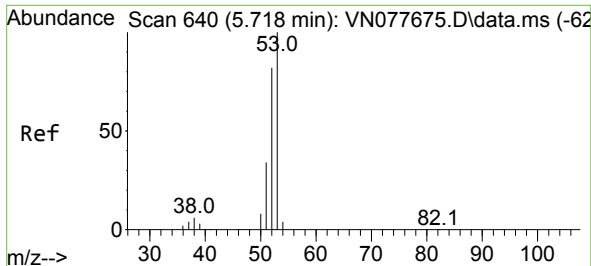
Tgt Ion: 56 Resp: 61729
Ion Ratio Lower Upper
56 100
55 73.1 54.5 81.7



#14
Allyl chloride
Concen: 47.449 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 41 Resp: 268210
Ion Ratio Lower Upper
41 100
39 80.5 58.8 88.2
76 47.4 39.1 58.7

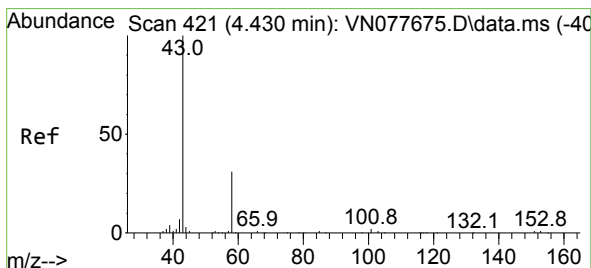
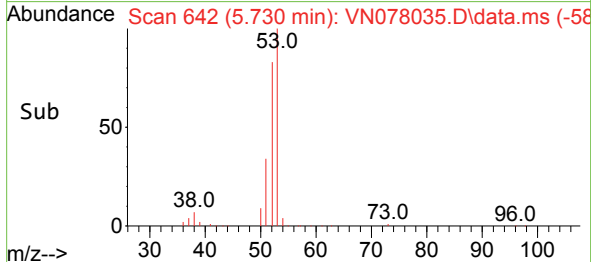
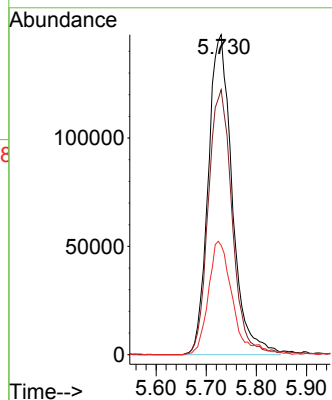
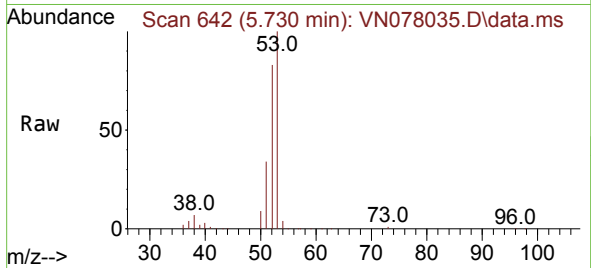




#15
Acrylonitrile
Concen: 243.156 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

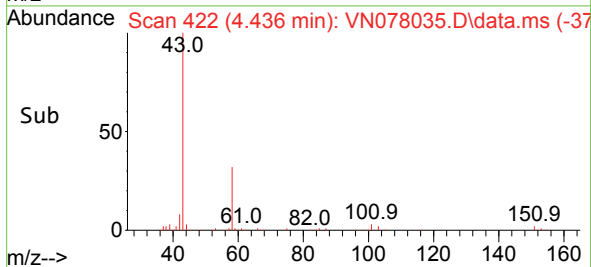
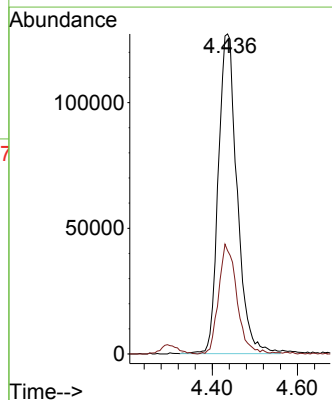
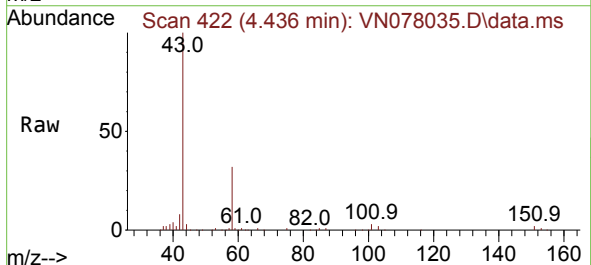
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

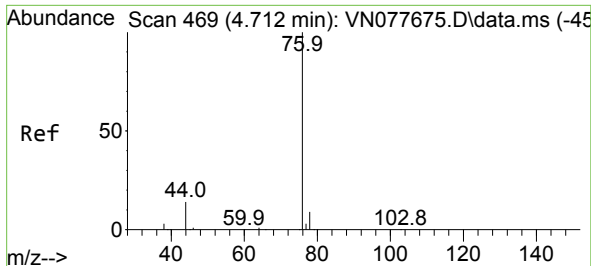
Tgt Ion: 53 Resp: 490757
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 226.026 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 43 Resp: 389254
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

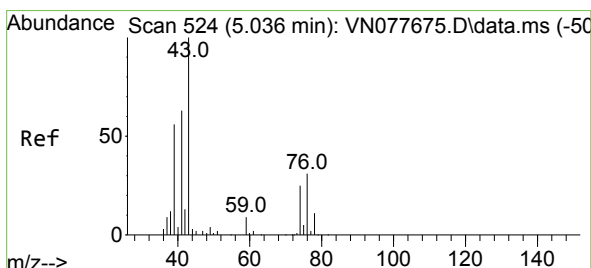
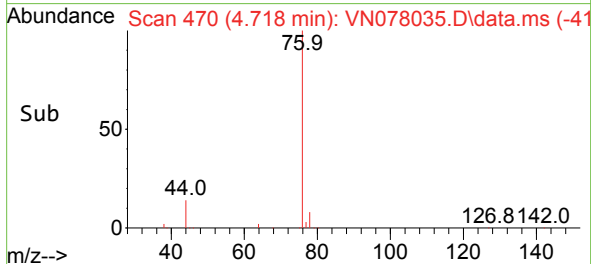
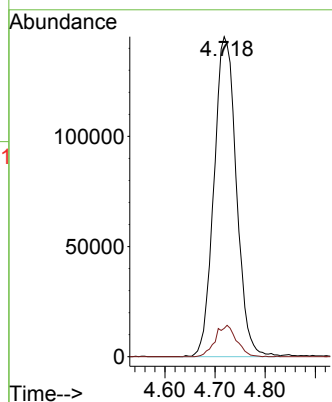
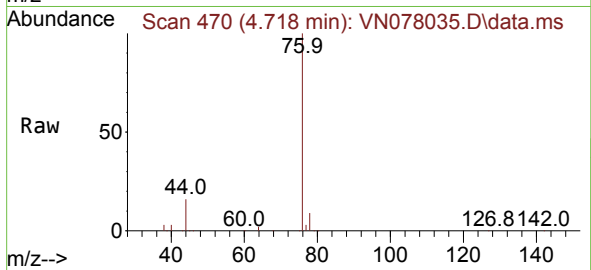




#17
Carbon Disulfide
Concen: 43.507 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

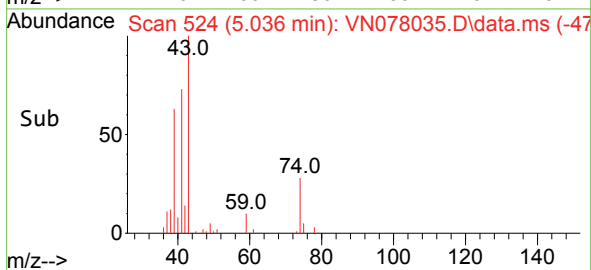
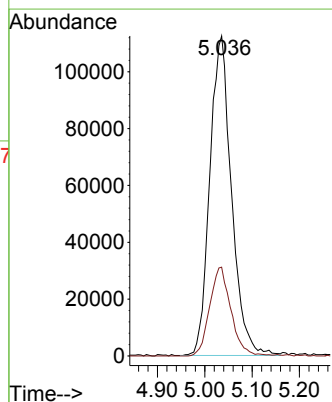
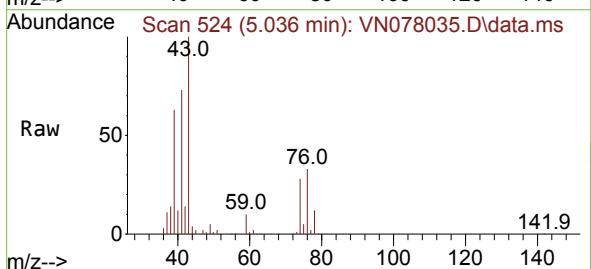
Instrument :
MSVOA_N
ClientSampleId :
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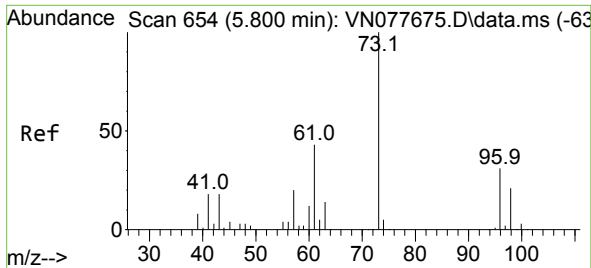
Tgt Ion: 76 Resp: 451074
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 49.543 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 43 Resp: 357936
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4

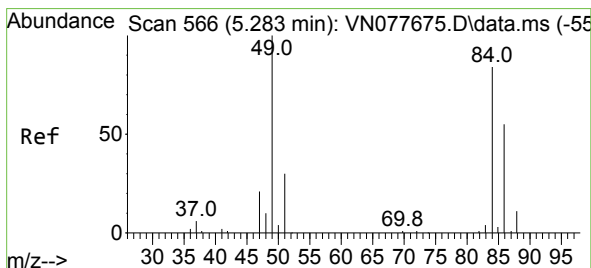
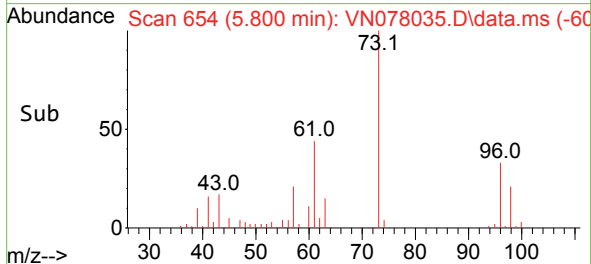
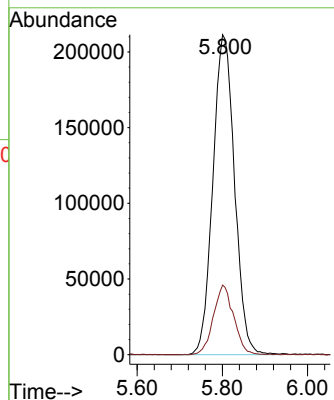
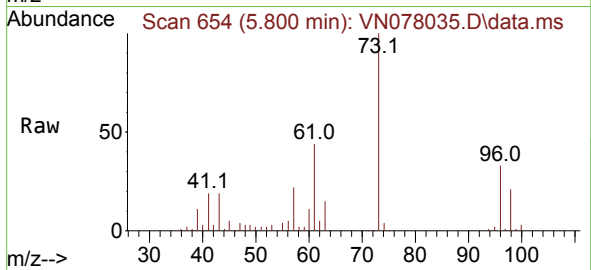




#19
Methyl tert-butyl Ether
Concen: 53.508 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

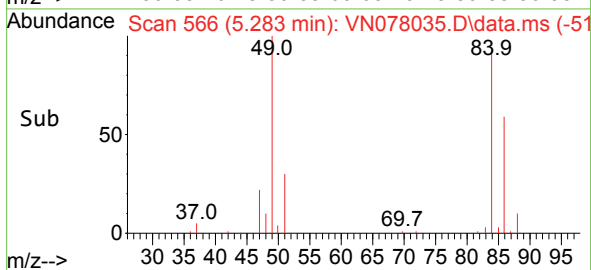
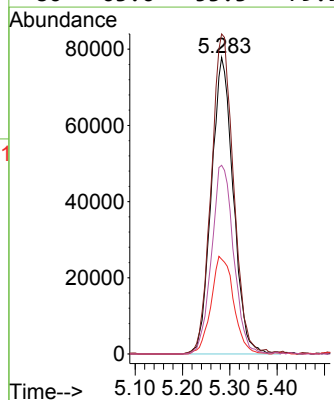
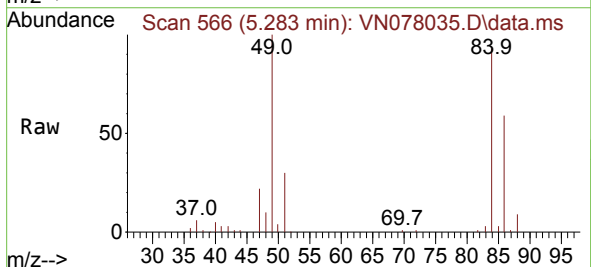
Instrument :
MSVOA_N
ClientSampleId :
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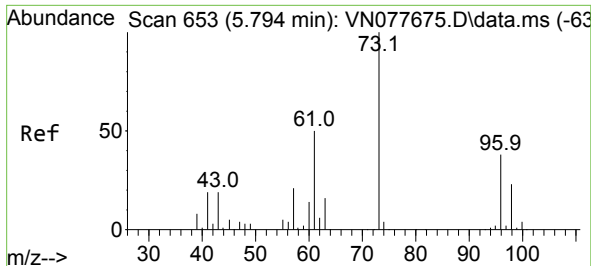
Tgt Ion: 73 Resp: 745242
Ion Ratio Lower Upper
73 100
57 21.8 15.6 23.4



#20
Methylene Chloride
Concen: 56.033 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 84 Resp: 250098
Ion Ratio Lower Upper
84 100
49 107.9 79.7 119.5
51 32.0 25.2 37.8
86 63.6 53.3 79.9

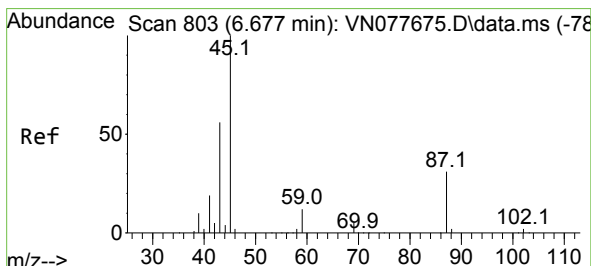
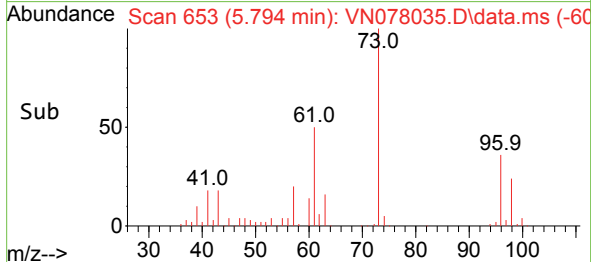
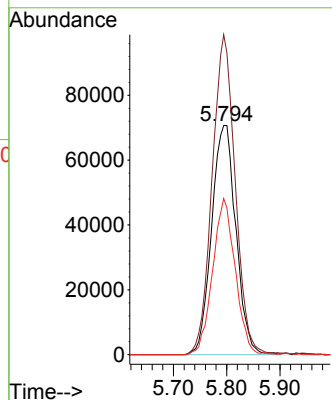
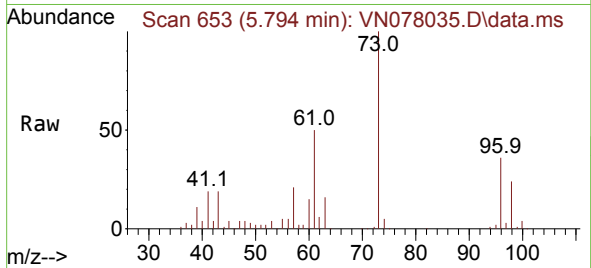




#21
trans-1,2-Dichloroethene
Concen: 51.773 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

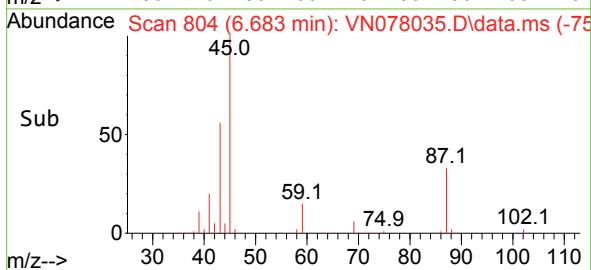
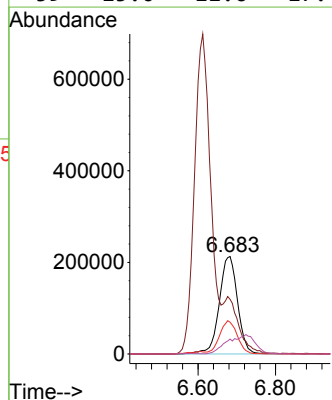
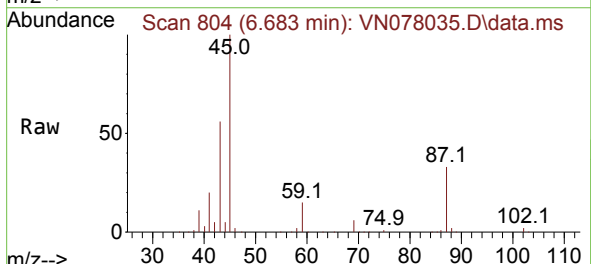
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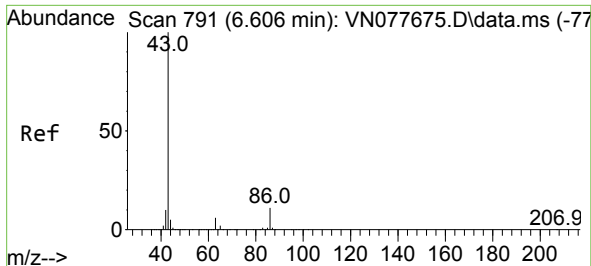
Tgt Ion: 96 Resp: 223778
Ion Ratio Lower Upper
96 100
61 139.6 90.1 135.1#
98 68.1 46.4 69.6



#22
Diisopropyl ether
Concen: 52.669 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 45 Resp: 697831
Ion Ratio Lower Upper
45 100
43 55.6 45.5 68.3
87 32.4 31.8 47.8
59 15.0 11.6 17.4

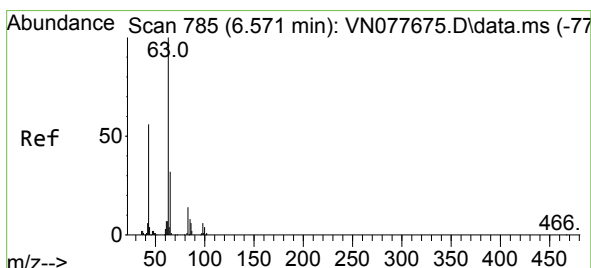
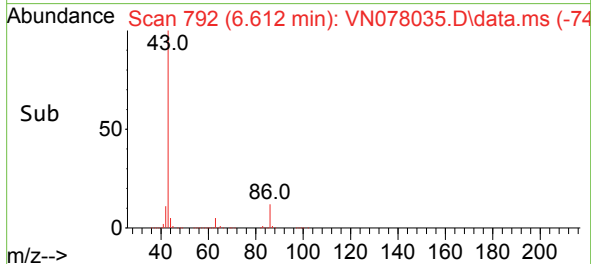
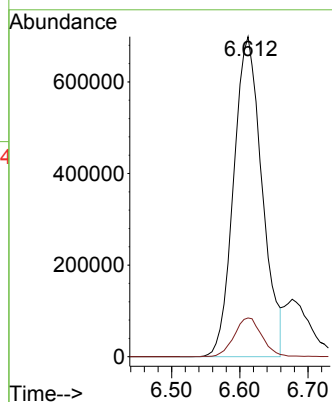
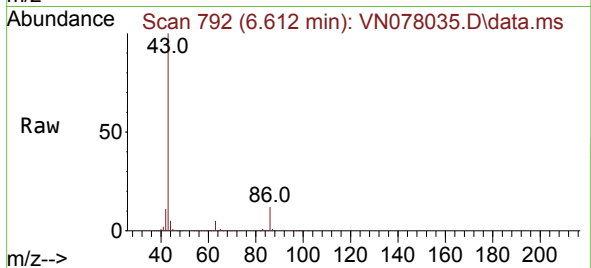




#23
 Vinyl Acetate
 Concen: 246.234 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

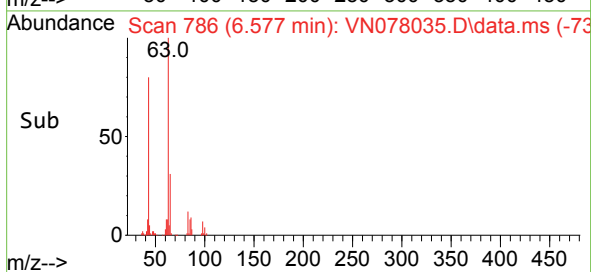
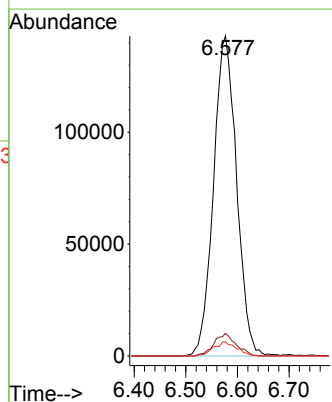
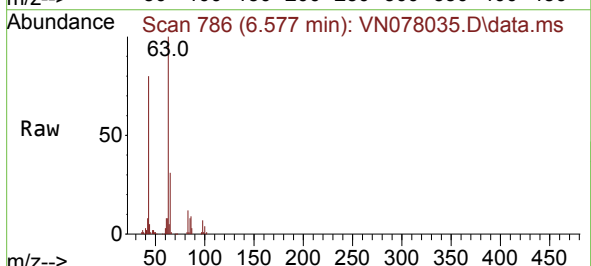
Instrument :
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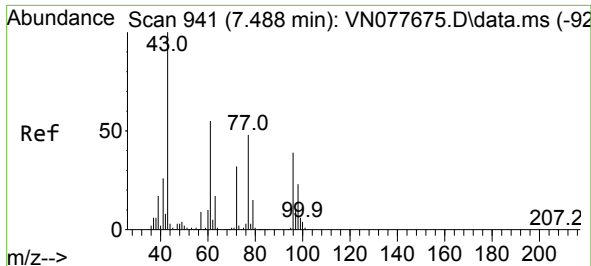
Tgt Ion: 43 Resp: 2021355
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.665 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

Tgt Ion: 63 Resp: 443729
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.4 2.5 7.4

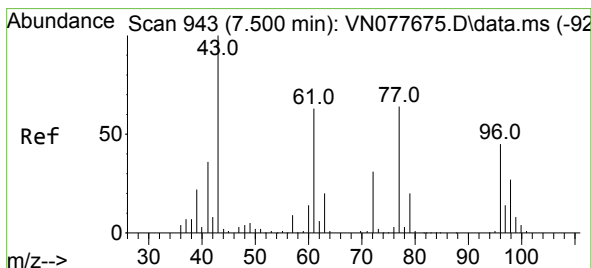
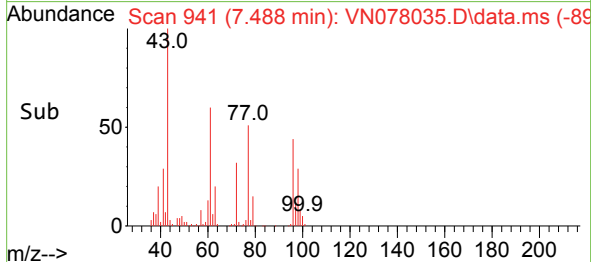
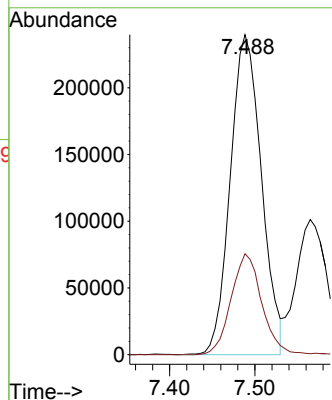
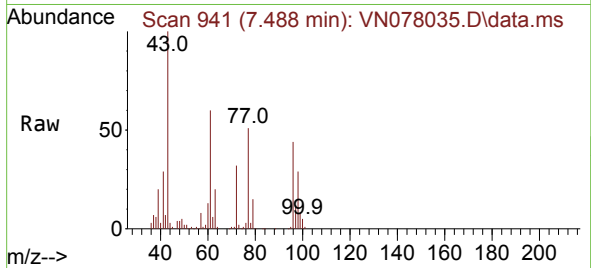




#25
2-Butanone
Concen: 225.770 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

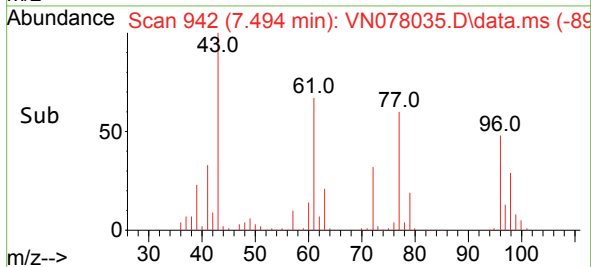
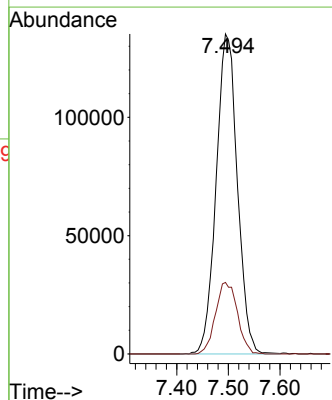
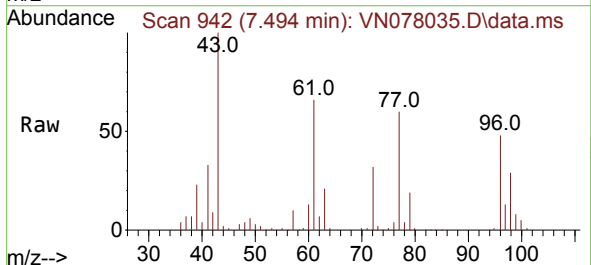
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

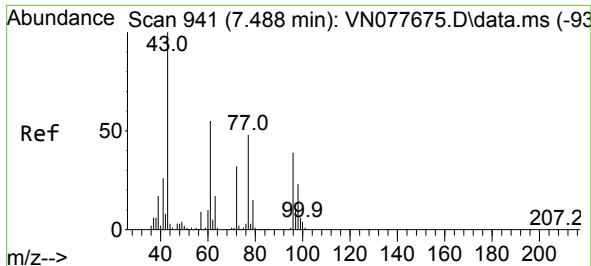
Tgt Ion: 43 Resp: 608222
Ion Ratio Lower Upper
43 100
72 31.5 30.2 45.2



#26
2,2-Dichloropropane
Concen: 55.844 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 77 Resp: 385110
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6



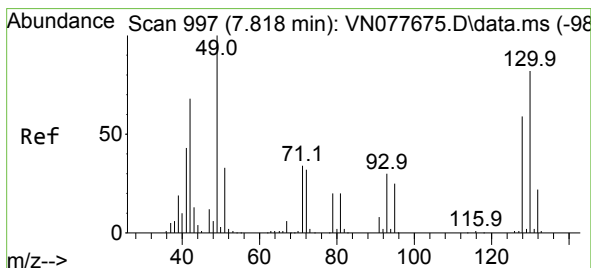
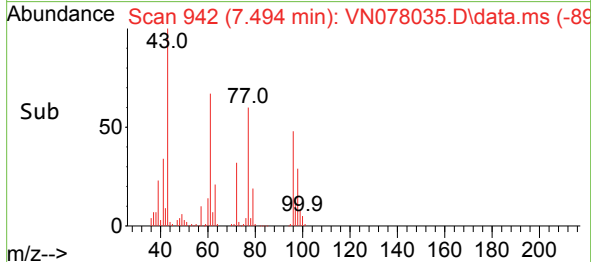
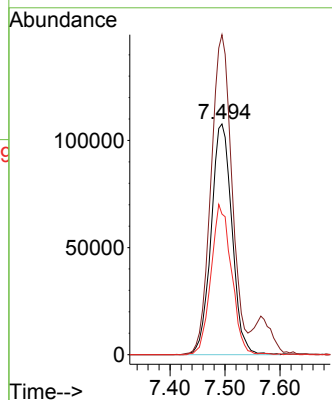
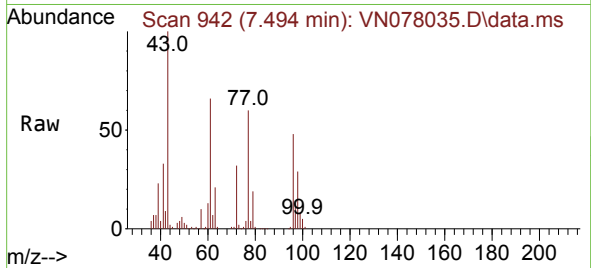


#27
 cis-1,2-Dichloroethene
 Concen: 54.753 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 283760

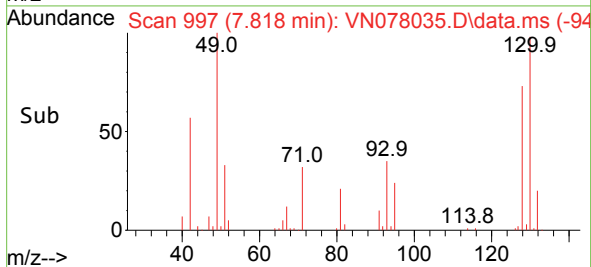
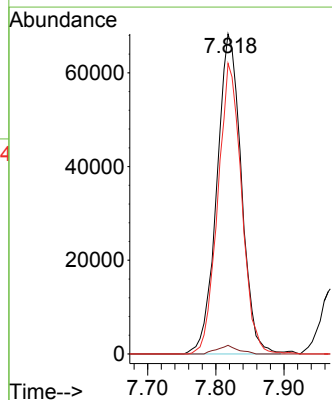
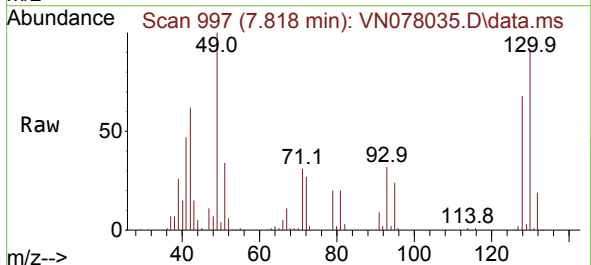
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	255.2
98	63.8	0.0	128.8

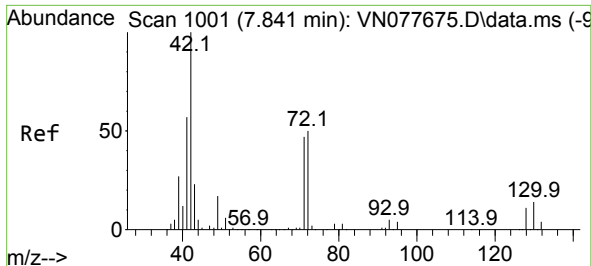


#28
 Bromochloromethane
 Concen: 48.655 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

Tgt Ion: 49 Resp: 170803

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	88.0	75.3	112.9





#29

Tetrahydrofuran

Concen: 225.713 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

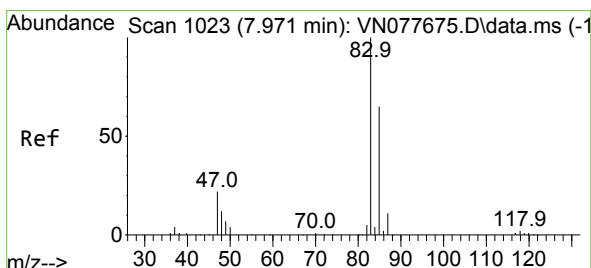
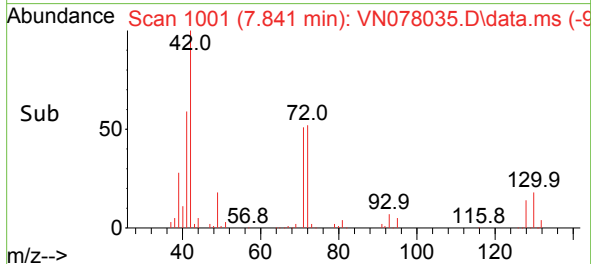
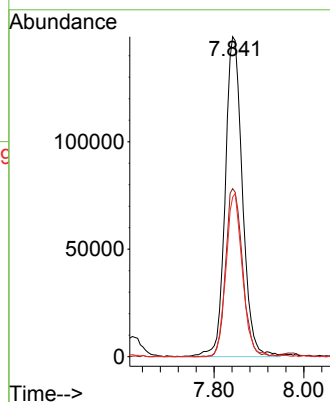
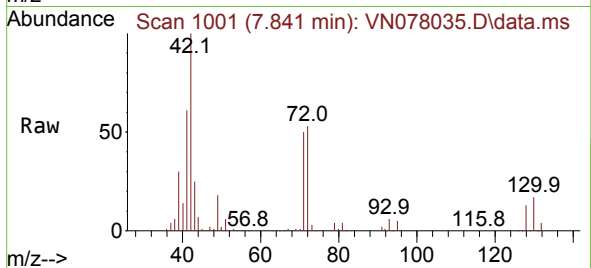
Tgt Ion: 42 Resp: 398159

Ion Ratio Lower Upper

42 100

72 51.6 49.8 74.6

71 48.8 47.4 71.2



#30

Chloroform

Concen: 54.834 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078035.D

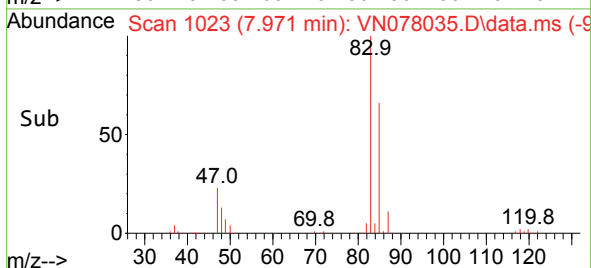
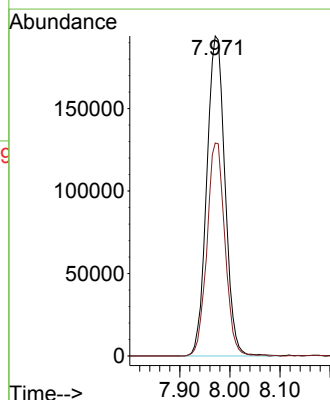
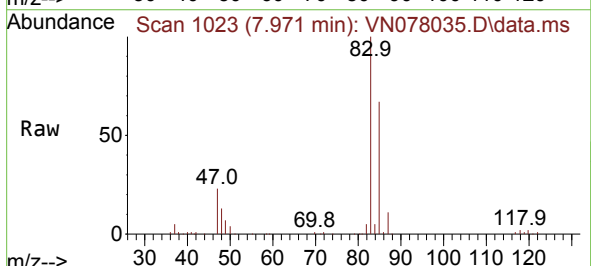
Acq: 05 Jun 2023 11:11

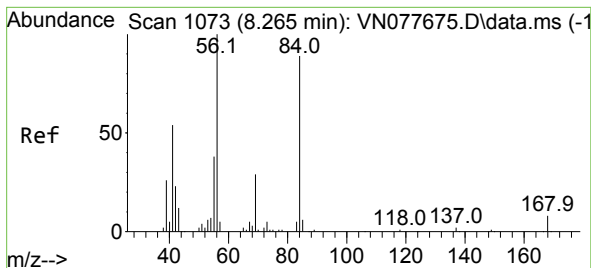
Tgt Ion: 83 Resp: 489624

Ion Ratio Lower Upper

83 100

85 66.5 55.4 83.0





#31

Cyclohexane

Concen: 46.342 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

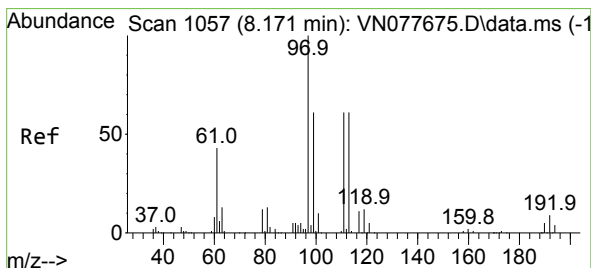
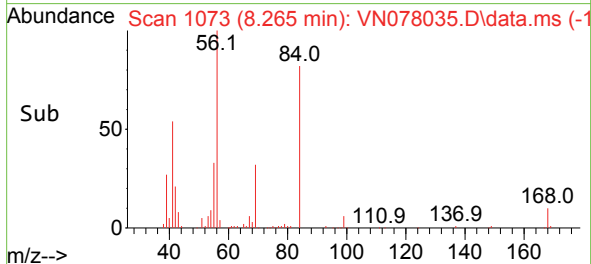
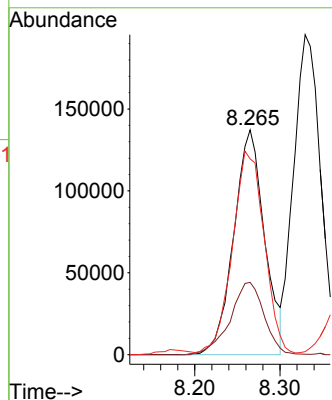
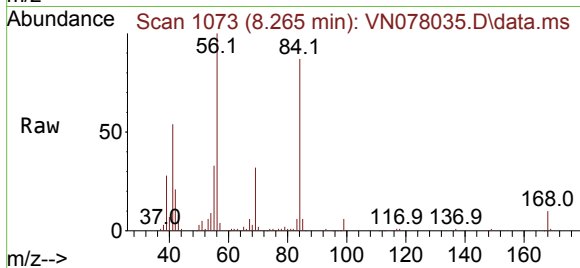
Tgt Ion: 56 Resp: 344774

Ion Ratio Lower Upper

56 100

69 32.2 26.8 40.2

84 85.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 55.529 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

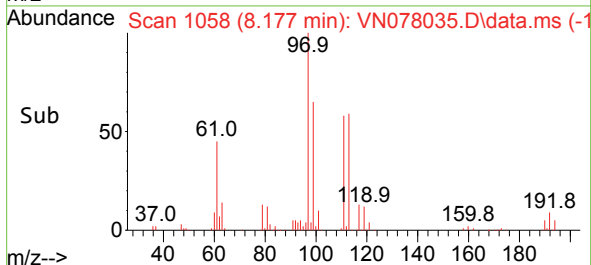
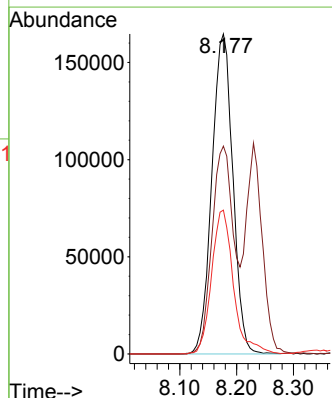
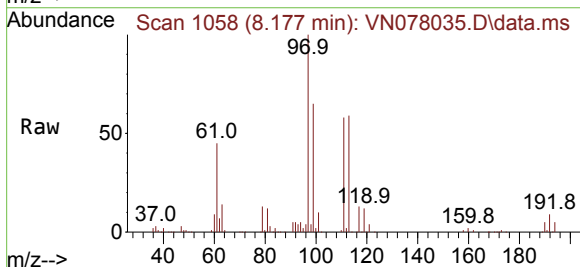
Tgt Ion: 97 Resp: 421553

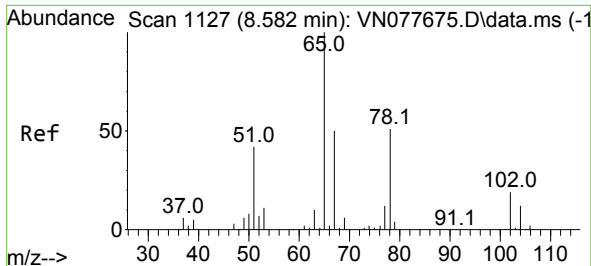
Ion Ratio Lower Upper

97 100

99 67.7 50.3 75.5

61 47.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.759 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

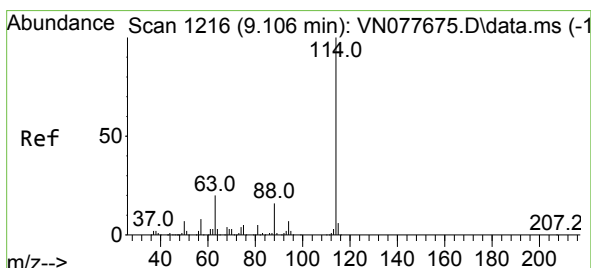
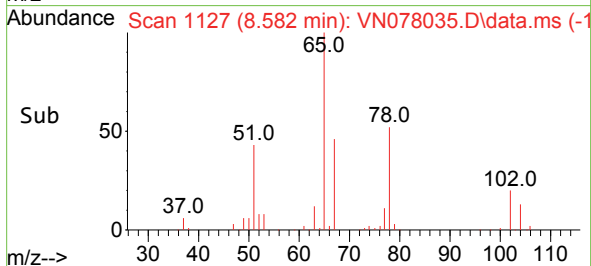
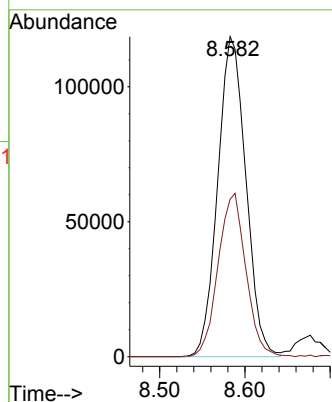
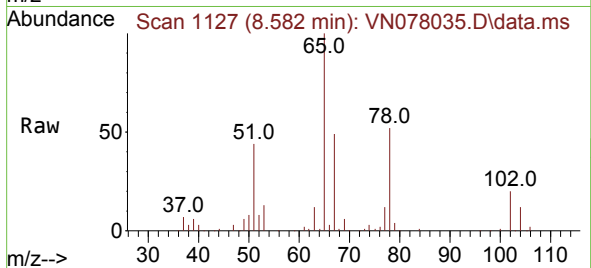
VSTDCCC050

Tgt Ion: 65 Resp: 272378

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

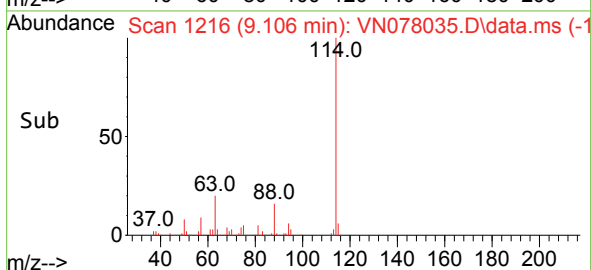
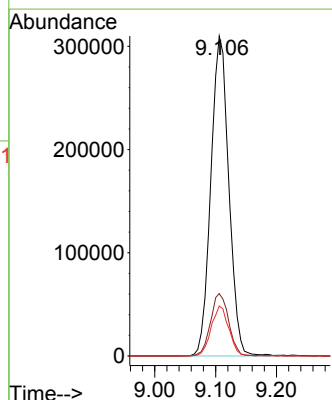
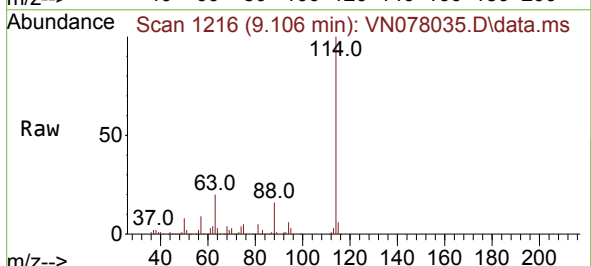
Tgt Ion: 114 Resp: 635700

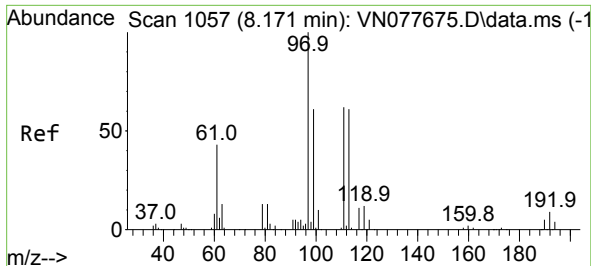
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.222 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

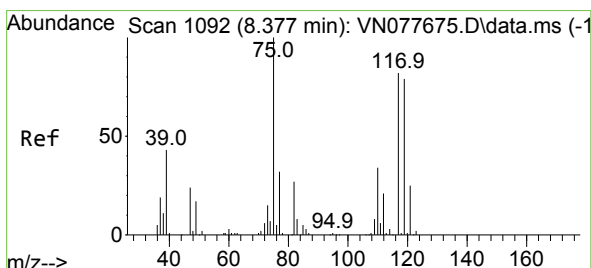
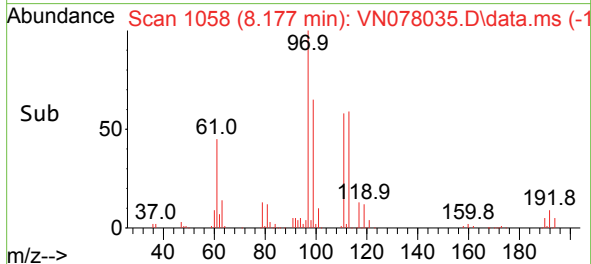
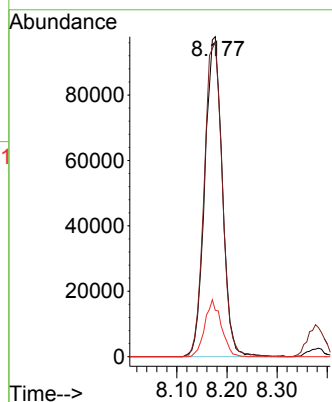
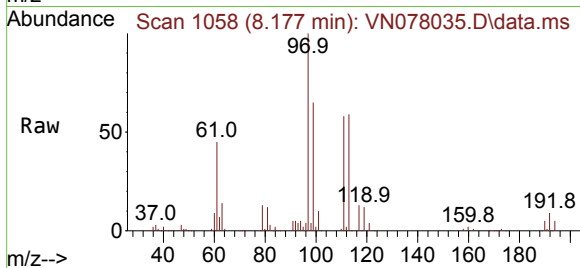
Tgt Ion:113 Resp: 237205

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 56.546 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

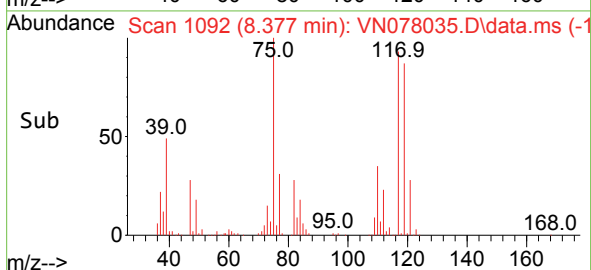
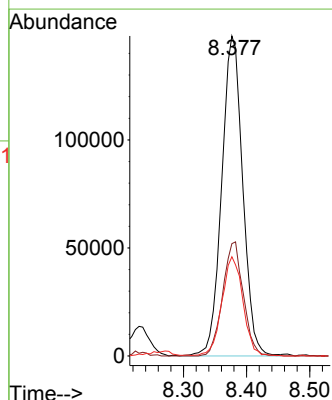
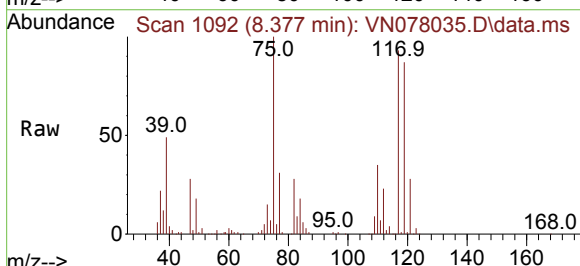
Tgt Ion: 75 Resp: 342851

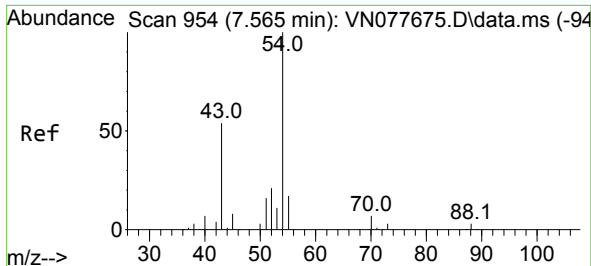
Ion Ratio Lower Upper

75 100

110 35.0 19.1 57.3

77 31.1 25.0 37.4

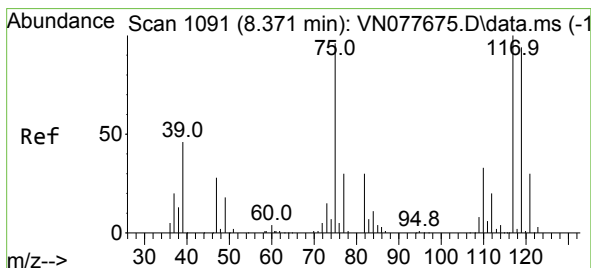
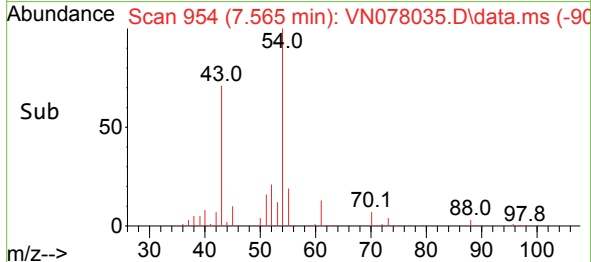
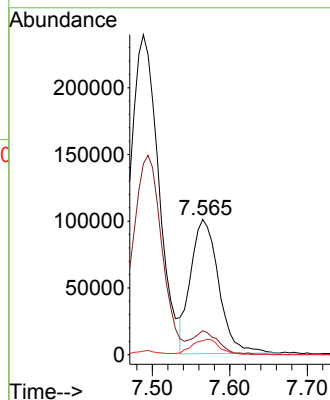
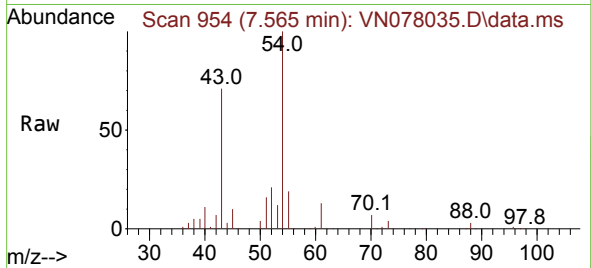




#37
Ethyl Acetate
Concen: 46.525 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

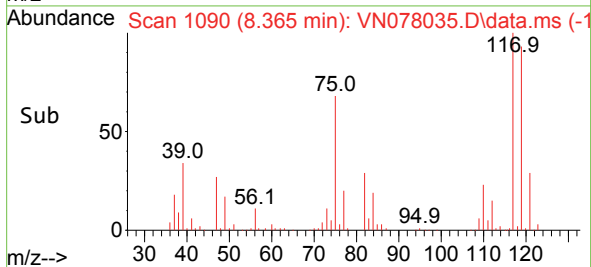
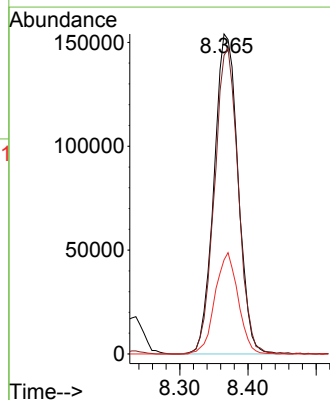
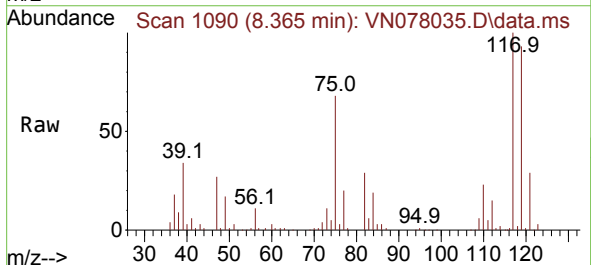
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

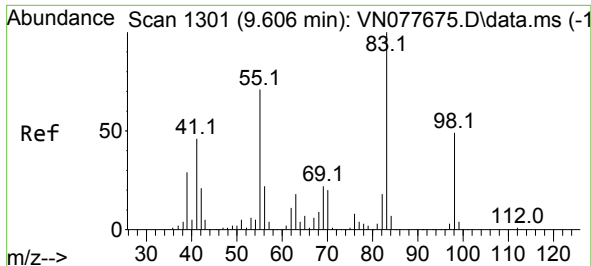
Tgt Ion: 43 Resp: 251428
Ion Ratio Lower Upper
43 100
61 15.5 13.2 19.8
70 11.5 11.3 16.9



#38
Carbon Tetrachloride
Concen: 61.896 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 117 Resp: 378961
Ion Ratio Lower Upper
117 100
119 93.2 77.3 115.9
121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 51.735 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

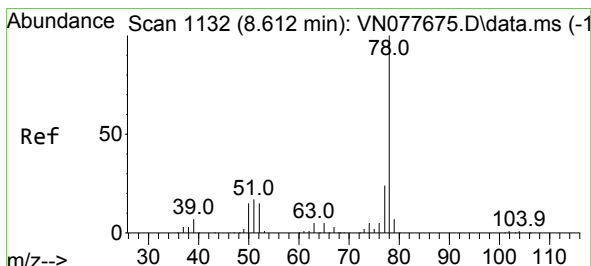
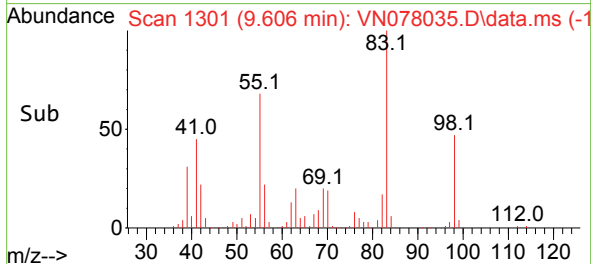
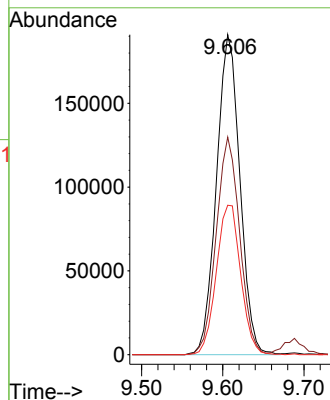
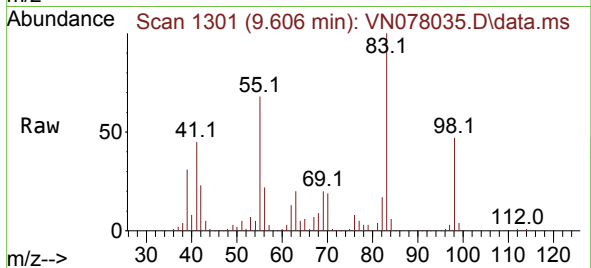
Tgt Ion: 83 Resp: 384020

Ion Ratio Lower Upper

83 100

55 68.0 49.1 73.7

98 46.7 40.6 61.0



#40

Benzene

Concen: 56.926 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078035.D

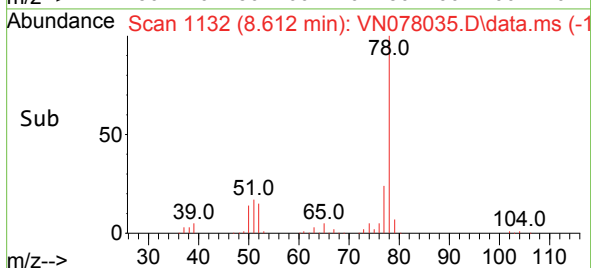
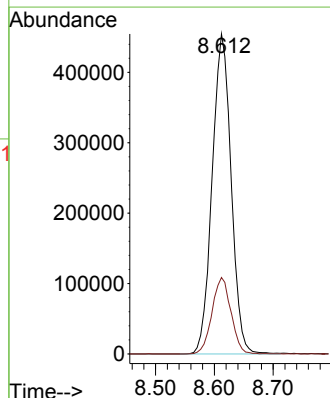
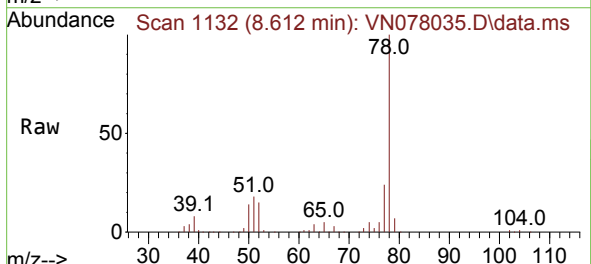
Acq: 05 Jun 2023 11:11

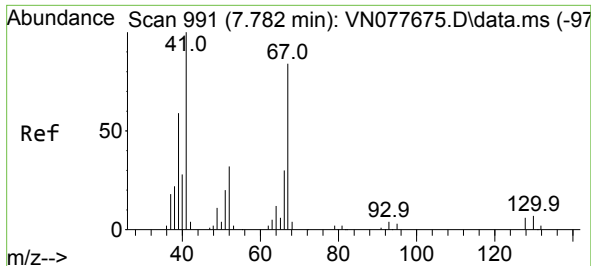
Tgt Ion: 78 Resp: 1018533

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



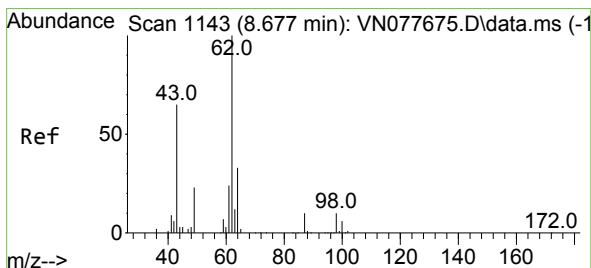
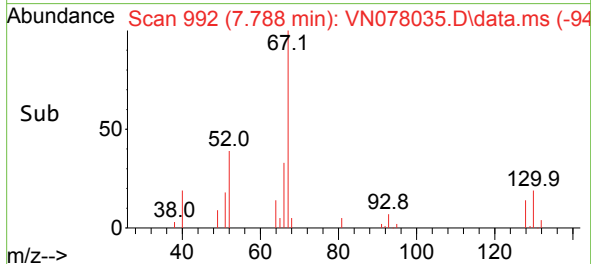
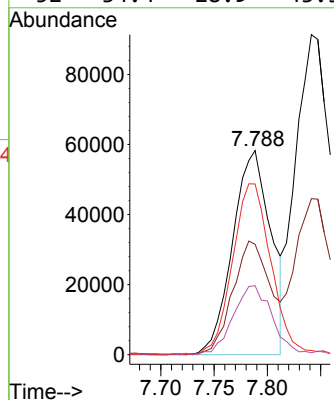
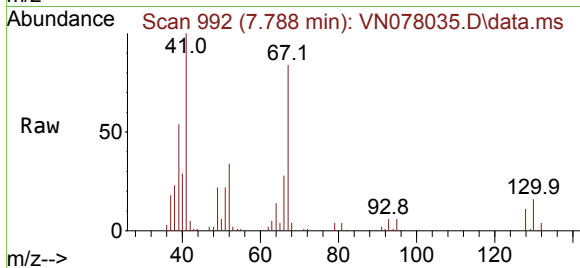


#41
Methacrylonitrile
Concen: 50.574 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 145554

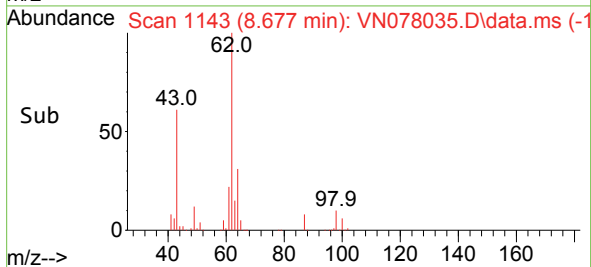
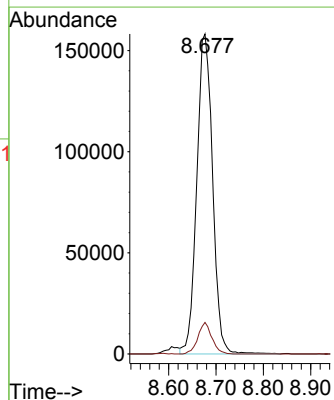
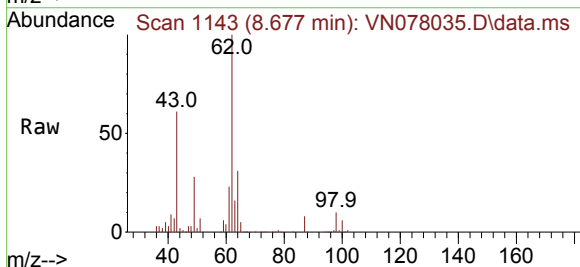
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.6	64.0
67	84.9	77.5	116.3
52	34.4	28.9	43.3

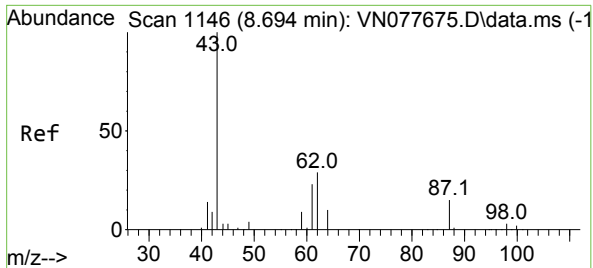


#42
1,2-Dichloroethane
Concen: 56.511 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 62 Resp: 367292

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

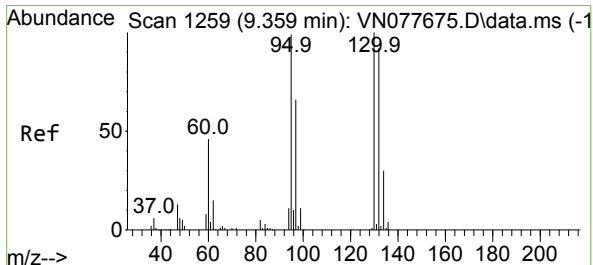
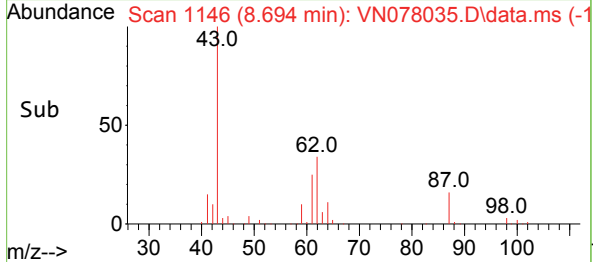
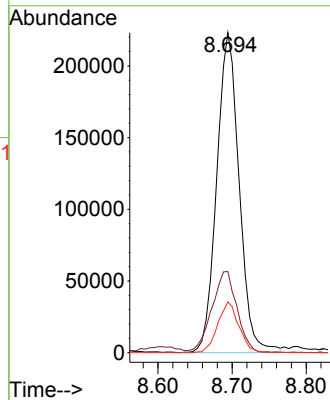
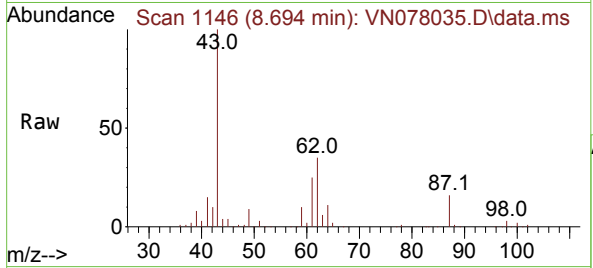




#43
Isopropyl Acetate
Concen: 53.163 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

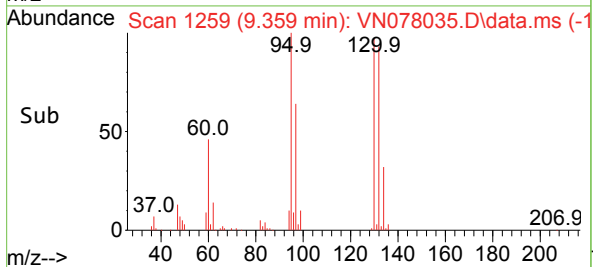
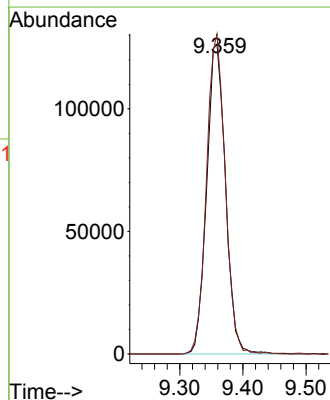
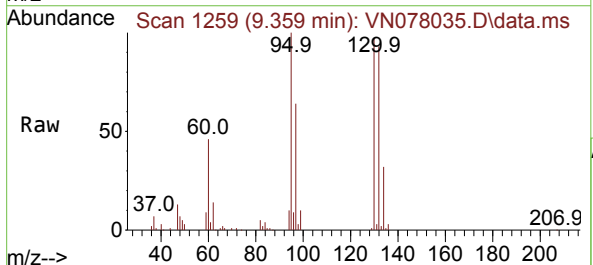
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

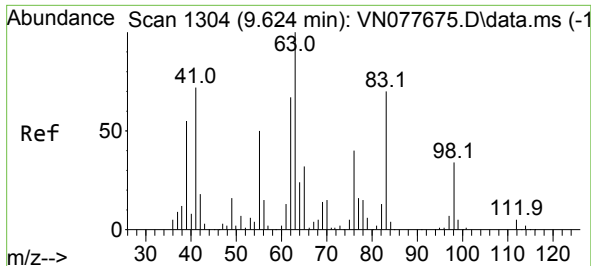
Tgt Ion: 43 Resp: 469279
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 15.0 14.6 21.8



#44
Trichloroethene
Concen: 57.790 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion:130 Resp: 261814
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 58.934 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

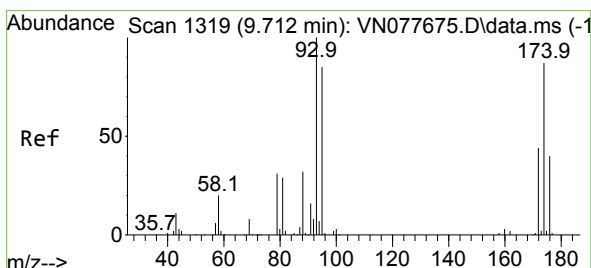
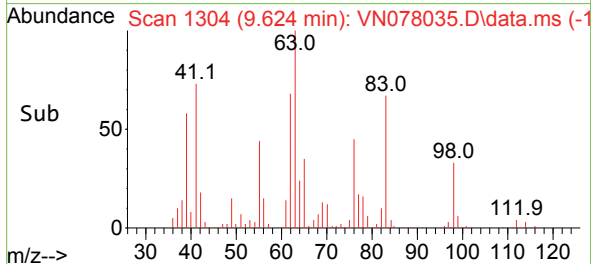
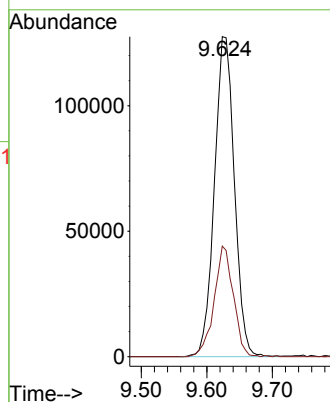
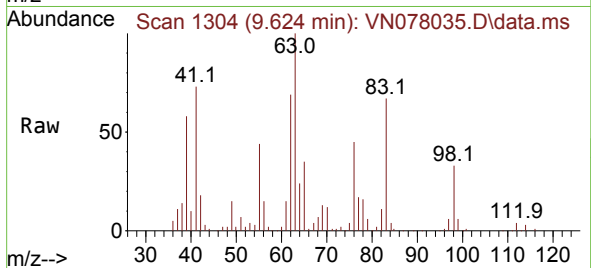
VSTDCCC050

Tgt Ion: 63 Resp: 268962

Ion Ratio Lower Upper

63 100

65 34.5 23.9 35.9



#46

Dibromomethane

Concen: 58.895 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

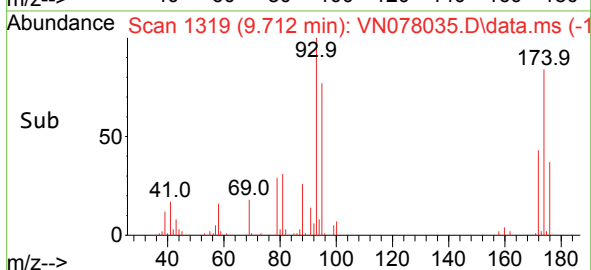
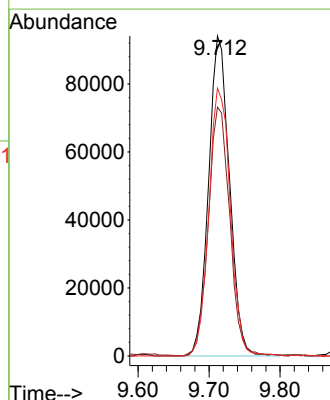
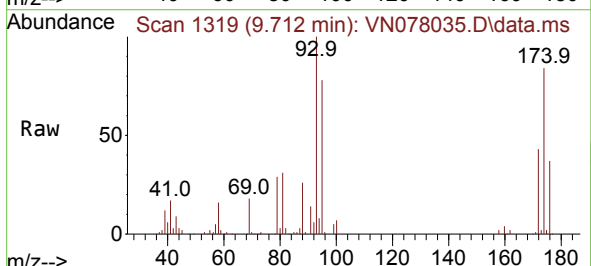
Tgt Ion: 93 Resp: 192333

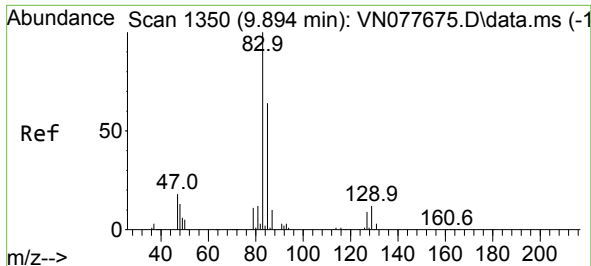
Ion Ratio Lower Upper

93 100

95 79.5 63.8 95.8

174 86.0 65.6 98.4

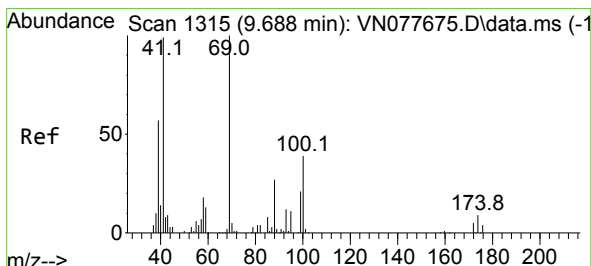
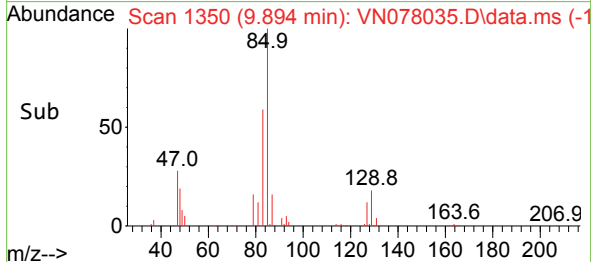
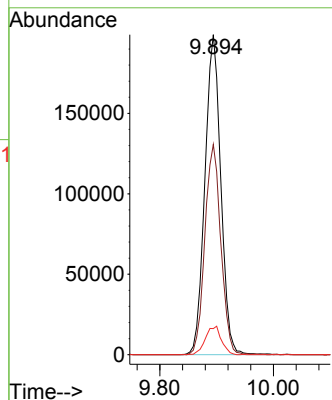
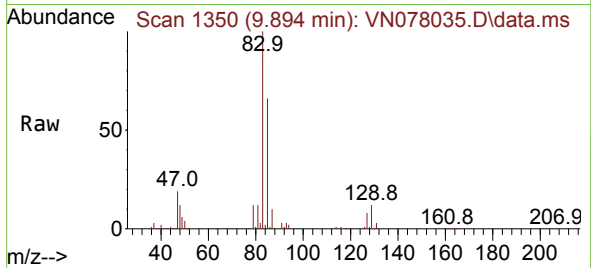




#47
Bromodichloromethane
Concen: 61.634 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

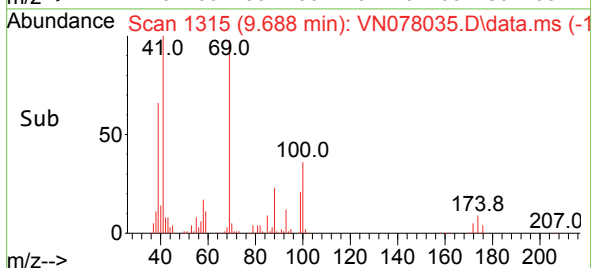
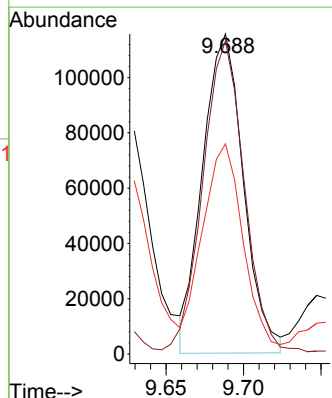
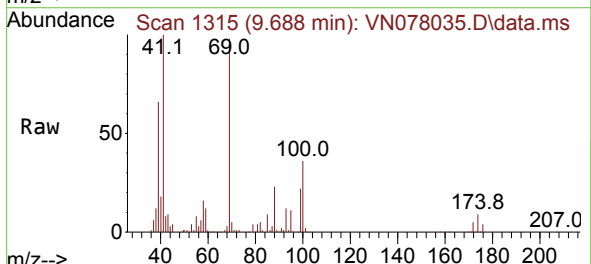
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

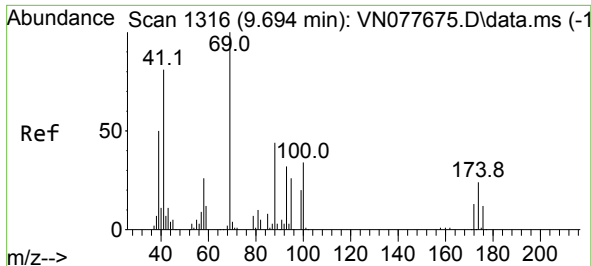
Tgt Ion: 83 Resp: 385350
Ion Ratio Lower Upper
83 100
85 65.7 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 50.576 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 41 Resp: 211668
Ion Ratio Lower Upper
41 100
69 99.7 90.4 135.6
39 66.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1012.452 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

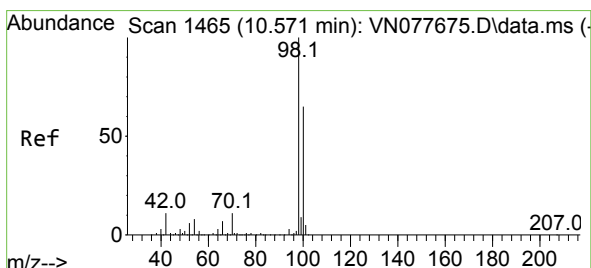
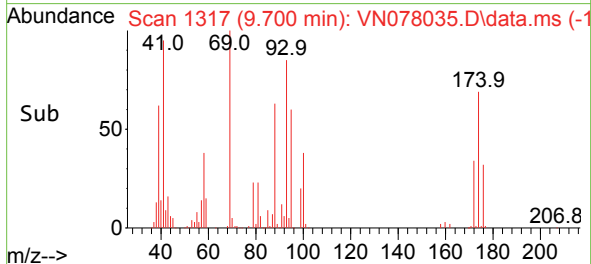
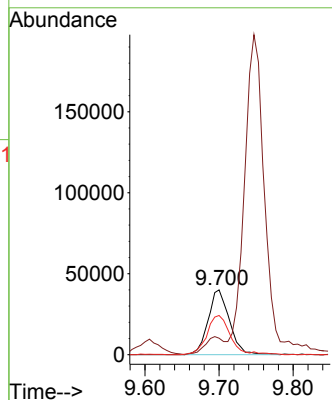
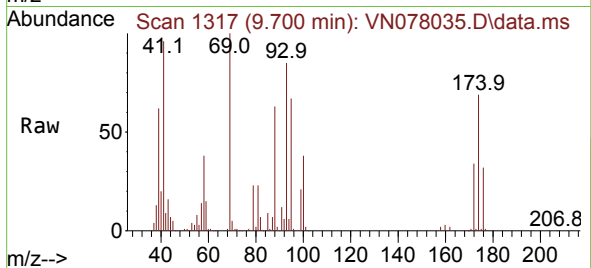
Tgt Ion: 88 Resp: 80030

Ion Ratio Lower Upper

88 100

43 23.5 17.0 25.6

58 66.8 47.0 70.4



#50

Toluene-d8

Concen: 51.848 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078035.D

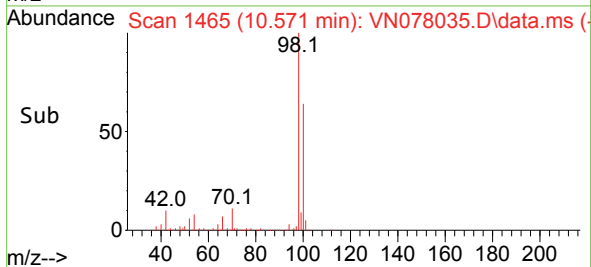
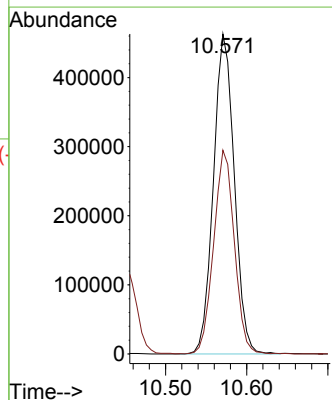
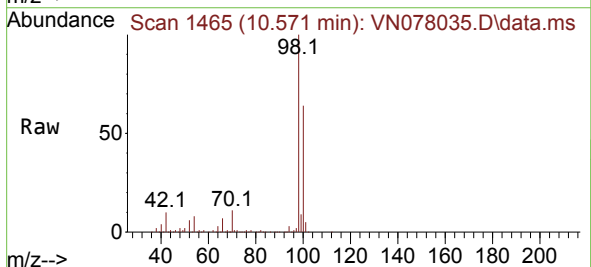
Acq: 05 Jun 2023 11:11

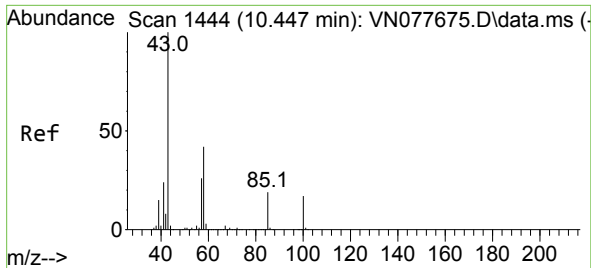
Tgt Ion: 98 Resp: 827273

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

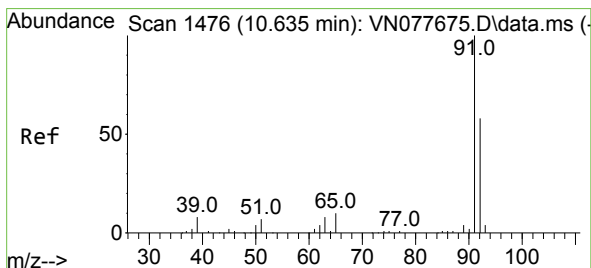
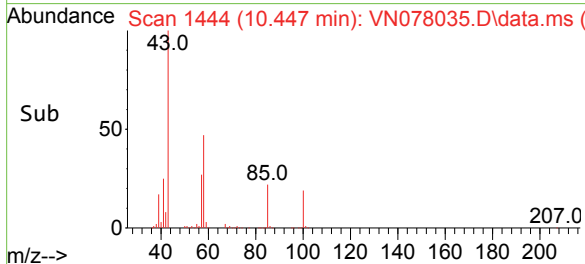
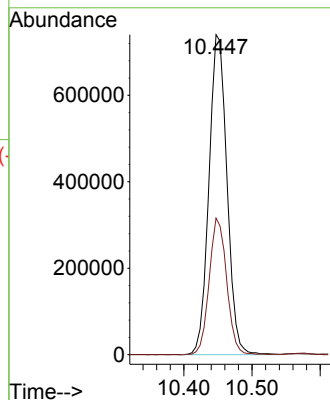
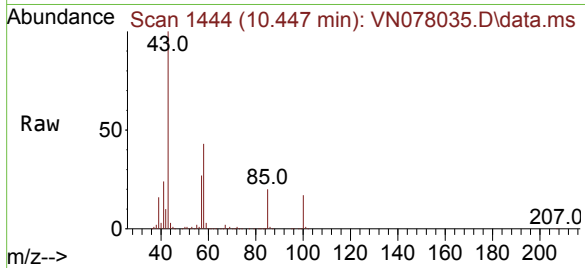




#51
4-Methyl-2-Pentanone
Concen: 259.616 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

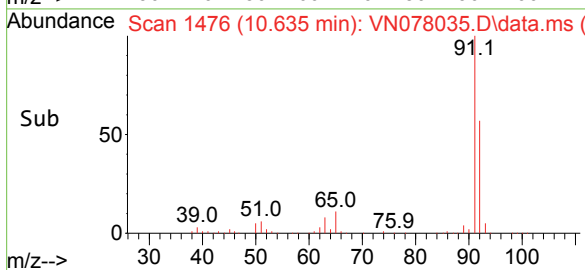
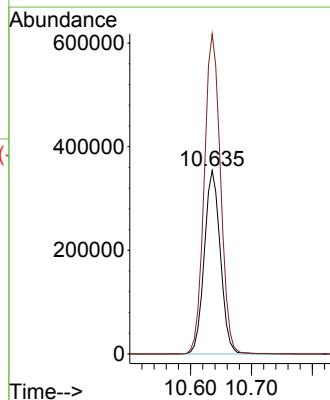
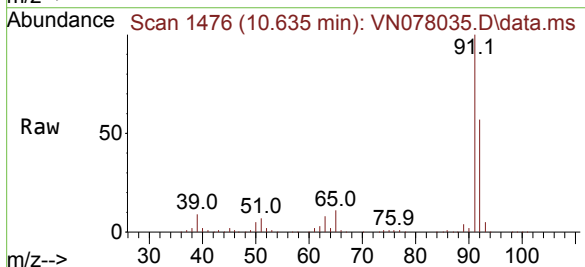
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

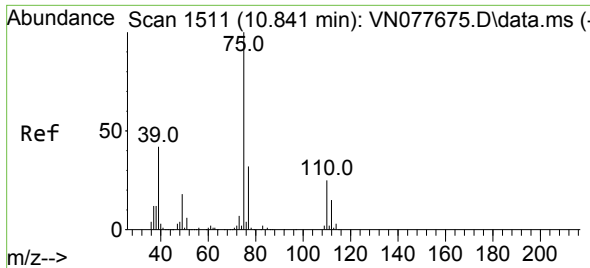
Tgt Ion: 43 Resp: 1362195
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 58.170 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 92 Resp: 647945
Ion Ratio Lower Upper
92 100
91 177.3 137.4 206.0

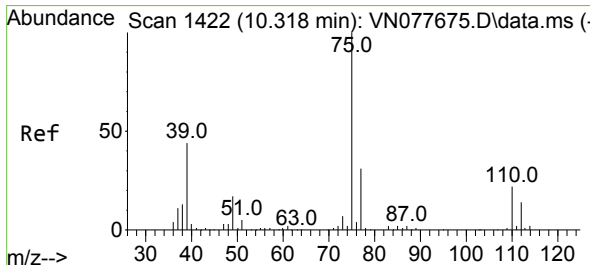
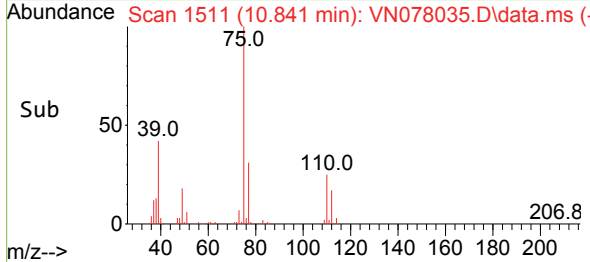
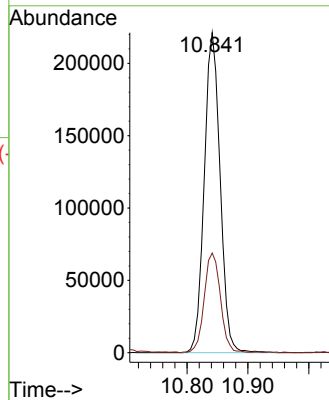
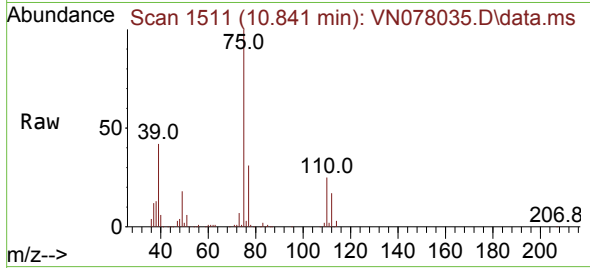




#53
 t-1,3-Dichloropropene
 Concen: 60.518 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

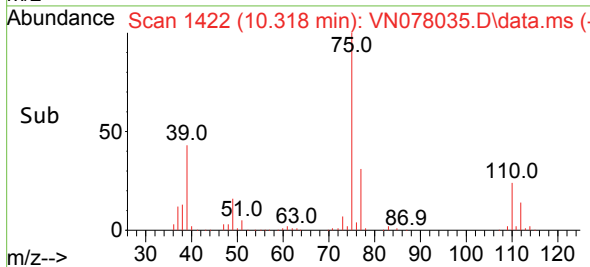
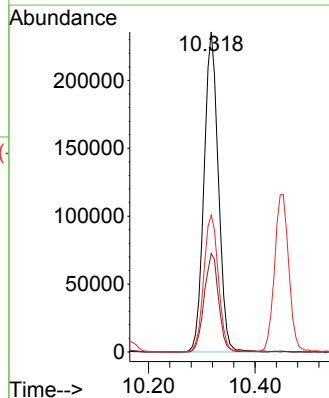
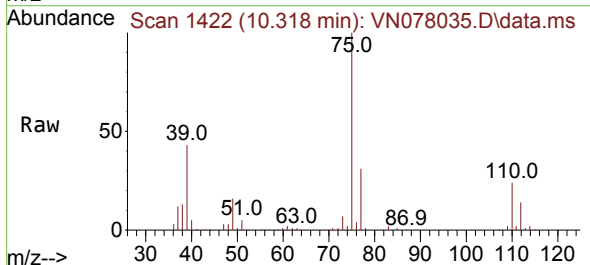
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

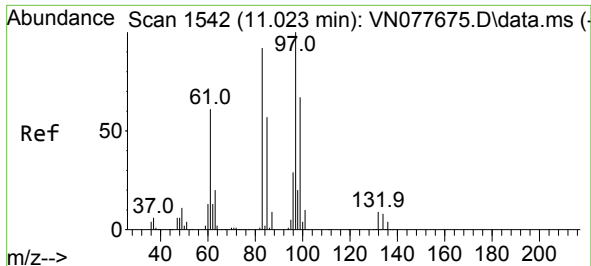
Tgt Ion: 75 Resp: 400686
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 60.304 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

Tgt Ion: 75 Resp: 439996
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.1 39.1
 39 42.7 31.6 47.4

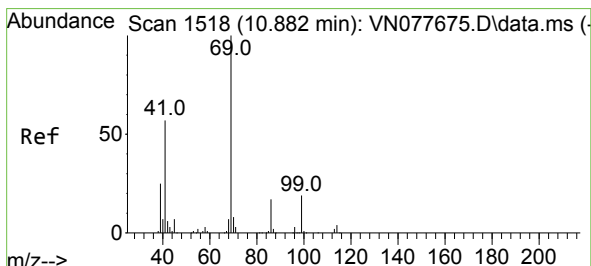
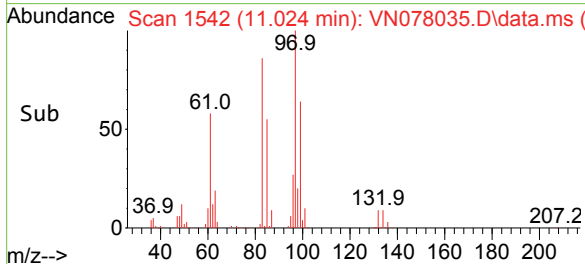
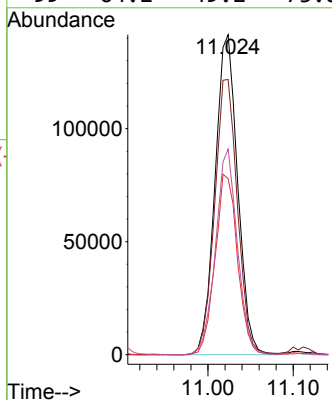
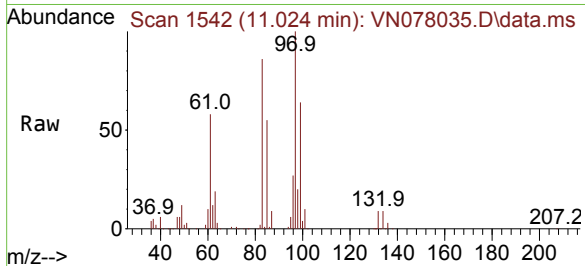




#55
1,1,2-Trichloroethane
Concen: 58.924 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

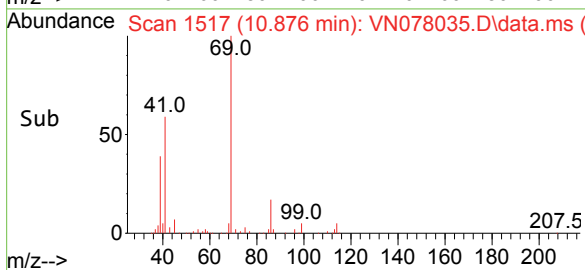
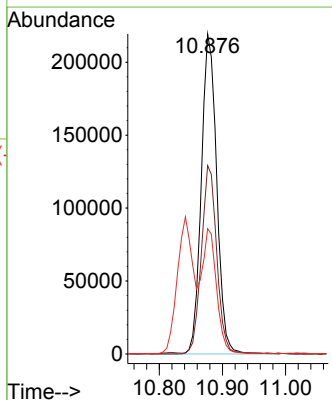
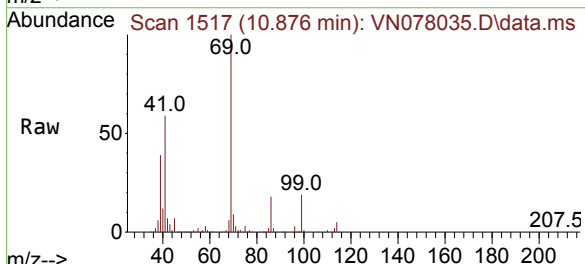
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

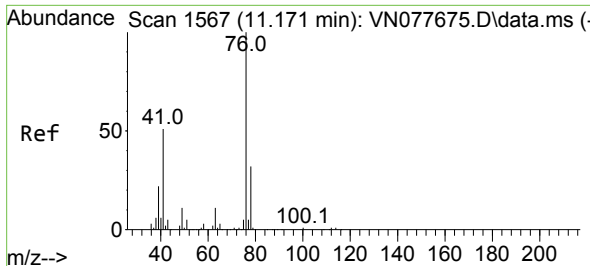
Tgt Ion:	97	Resp:	260609
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.1	97.7
85	55.0	43.4	65.2
99	64.2	49.2	73.8



#56
Ethyl methacrylate
Concen: 55.576 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion:	69	Resp:	371647
Ion	Ratio	Lower	Upper
69	100		
41	58.4	39.6	59.4
39	37.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 57.571 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

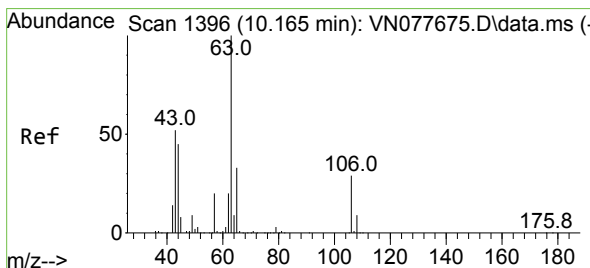
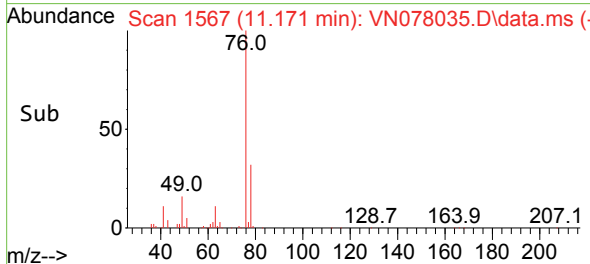
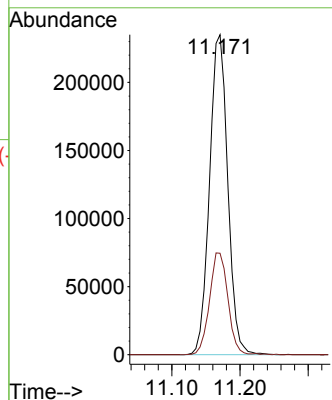
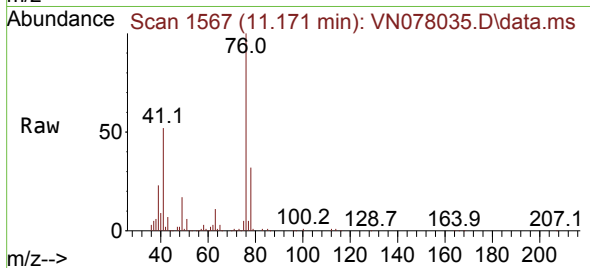
VSTDCCC050

Tgt Ion: 76 Resp: 436506

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 208.938 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078035.D

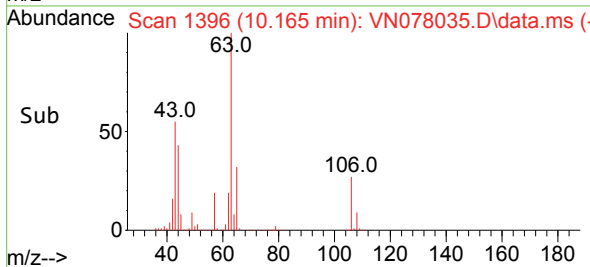
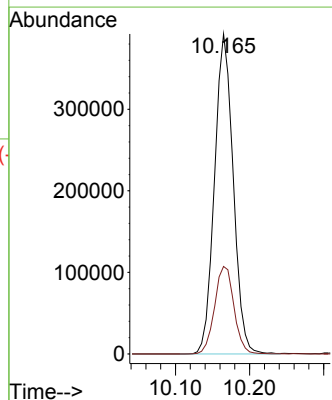
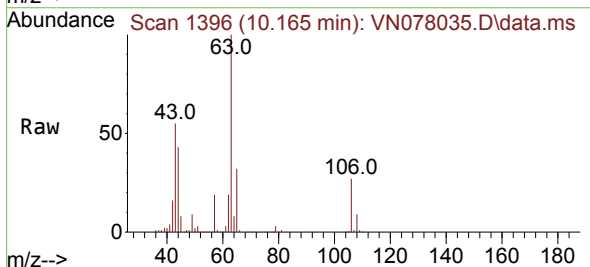
Acq: 05 Jun 2023 11:11

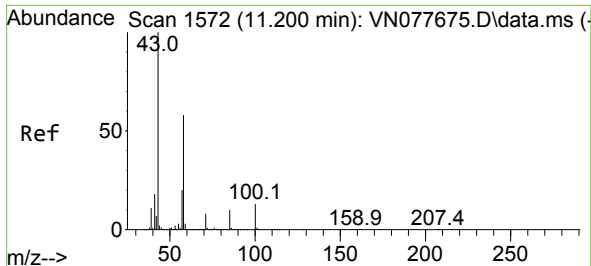
Tgt Ion: 63 Resp: 687377

Ion Ratio Lower Upper

63 100

106 28.3 26.2 39.4

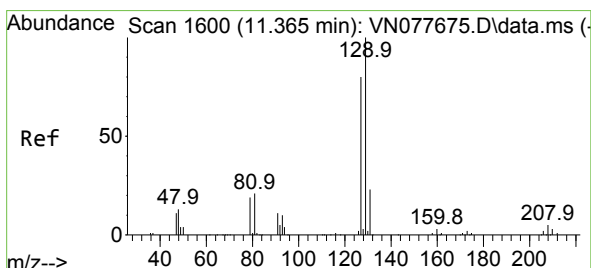
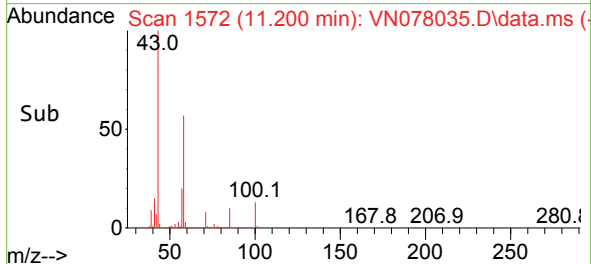
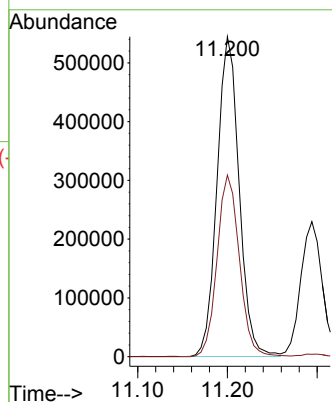
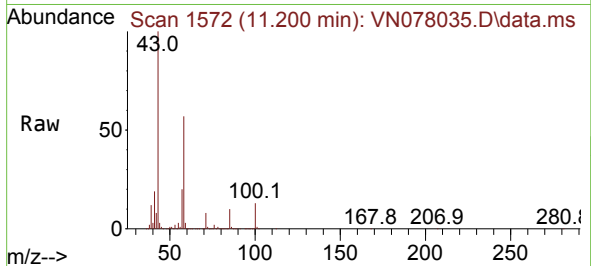




#59
2-Hexanone
Concen: 239.690 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

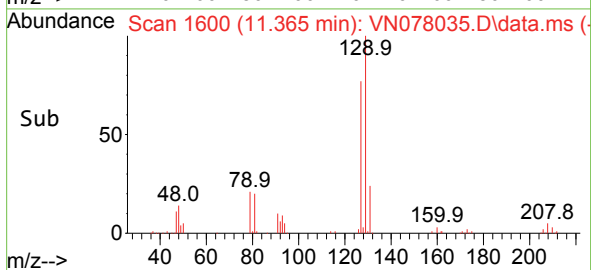
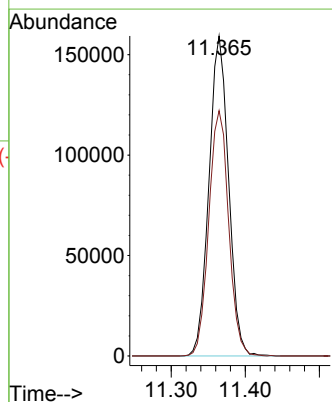
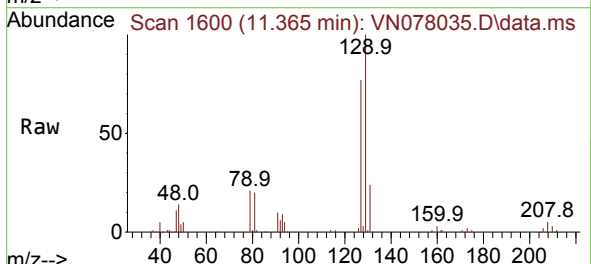
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

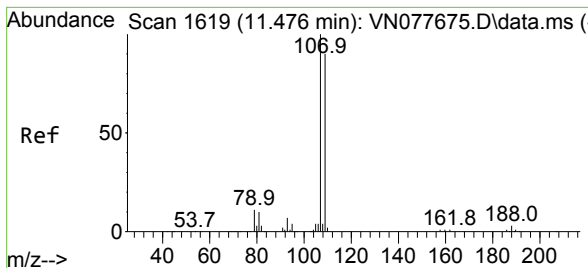
Tgt Ion: 43 Resp: 930229
Ion Ratio Lower Upper
43 100
58 57.4 31.7 95.1



#60
Dibromochloromethane
Concen: 64.112 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 129 Resp: 292726
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0

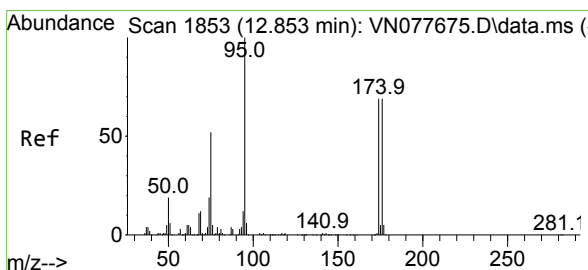
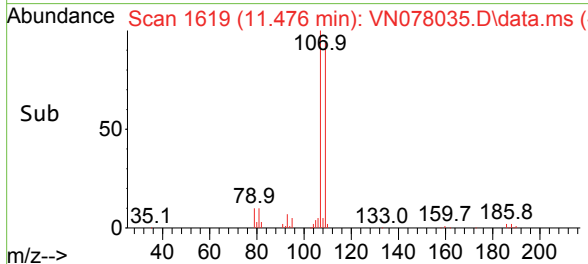
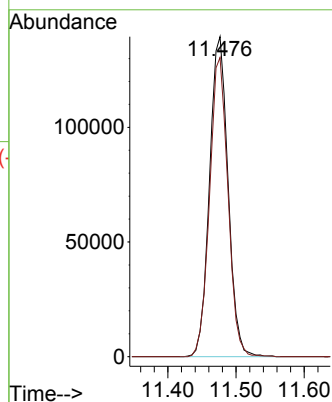
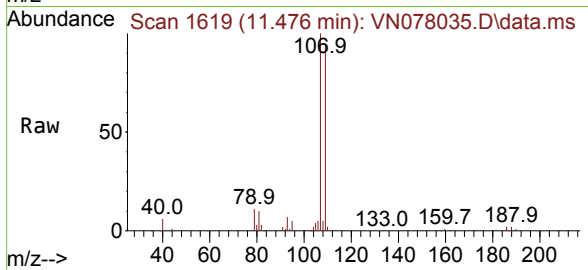




#61
1,2-Dibromoethane
Concen: 59.773 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

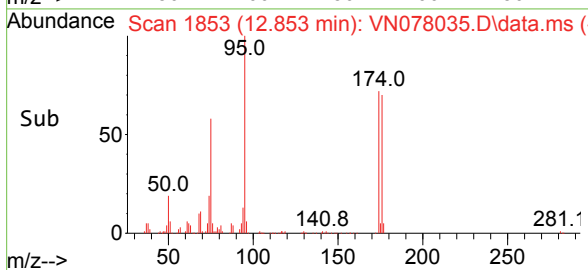
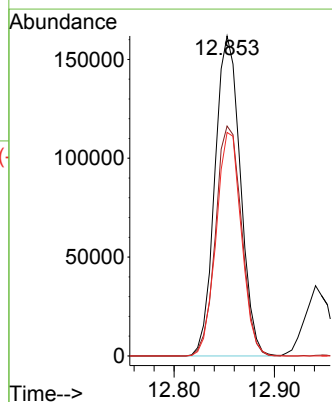
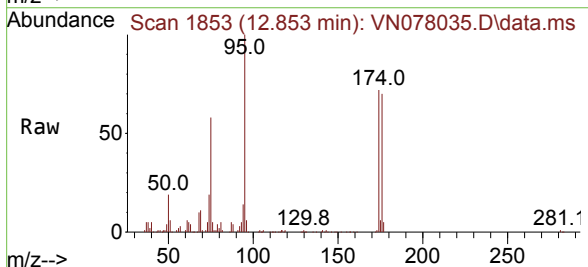
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

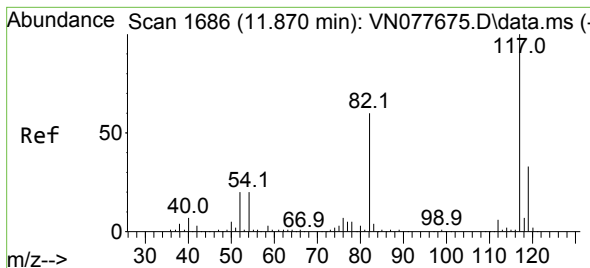
Tgt Ion:107 Resp: 263734
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.661 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 95 Resp: 285484
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 69.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

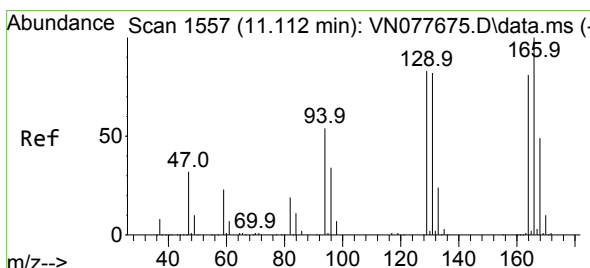
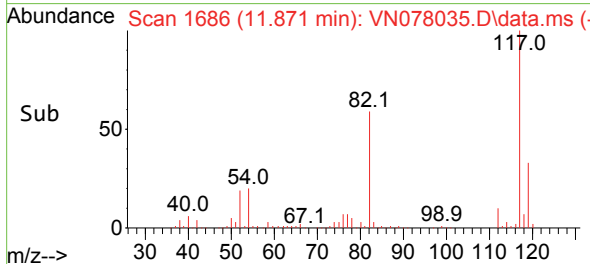
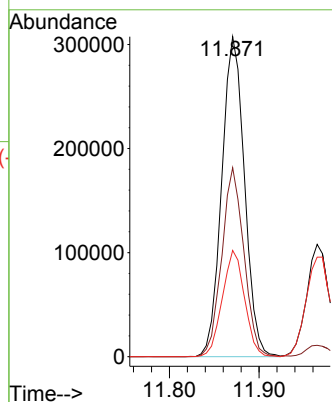
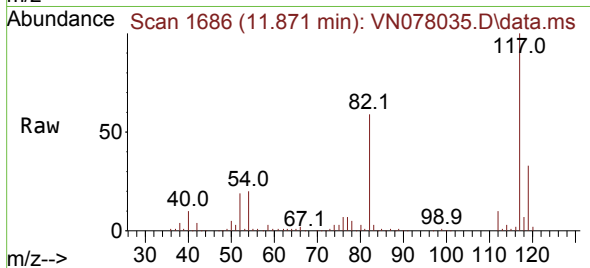
Tgt Ion:117 Resp: 541108

Ion Ratio Lower Upper

117 100

82 59.1 44.0 66.0

119 33.2 25.6 38.4



#64

Tetrachloroethene

Concen: 57.560 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Tgt Ion:164 Resp: 217812

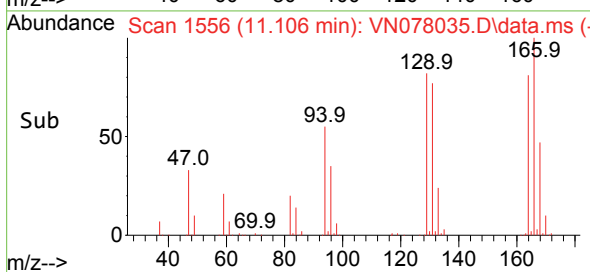
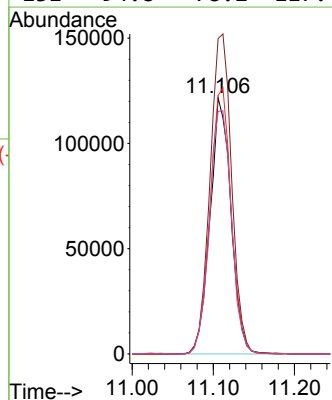
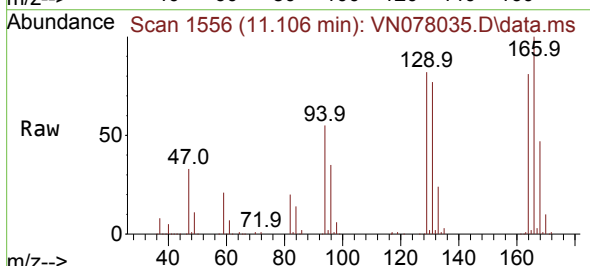
Ion Ratio Lower Upper

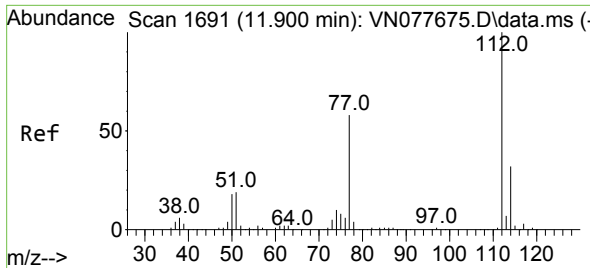
164 100

166 123.2 101.4 152.0

129 101.0 82.4 123.6

131 94.8 78.2 117.4

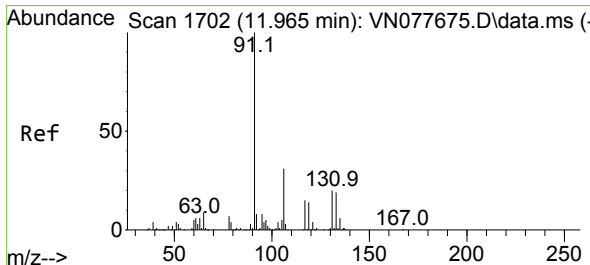
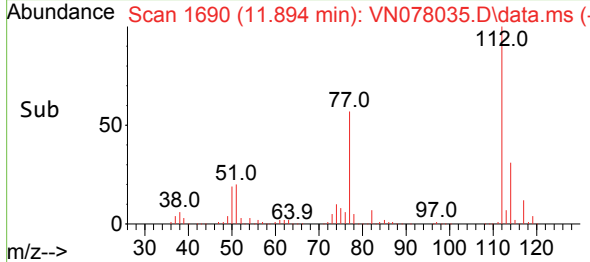
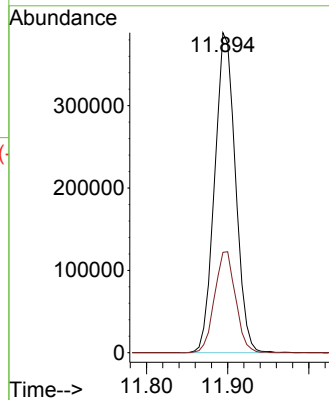
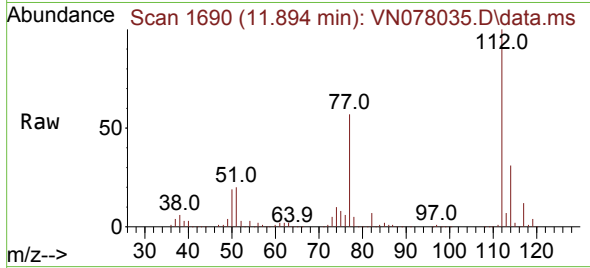




#65
Chlorobenzene
Concen: 59.019 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

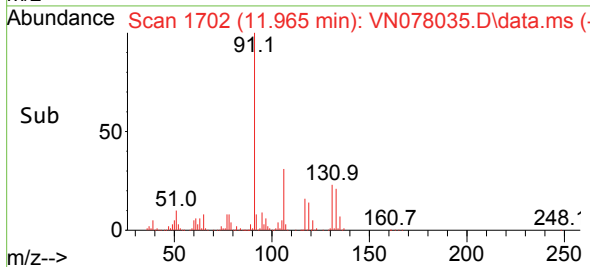
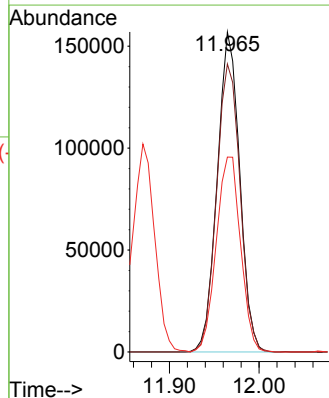
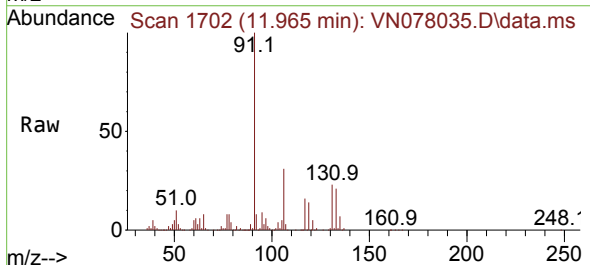
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

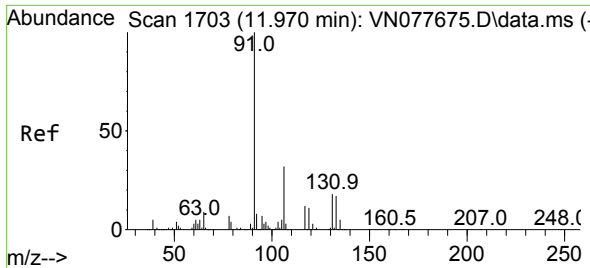
Tgt Ion:112 Resp: 692328
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 67.251 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion:131 Resp: 272969
Ion Ratio Lower Upper
131 100
133 94.1 46.4 139.1
119 66.0 34.1 102.2

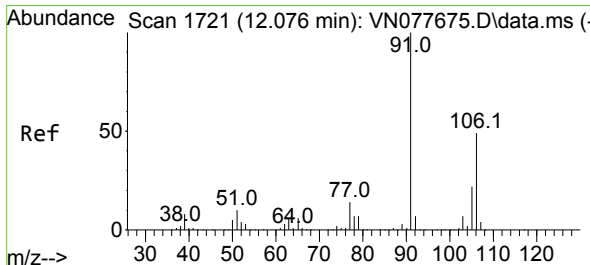
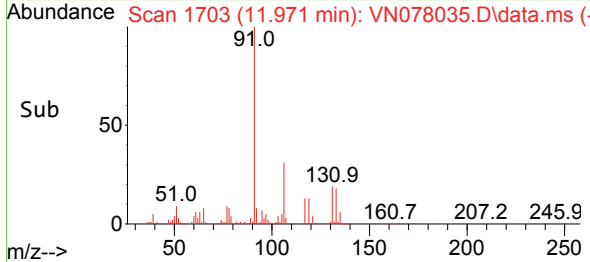
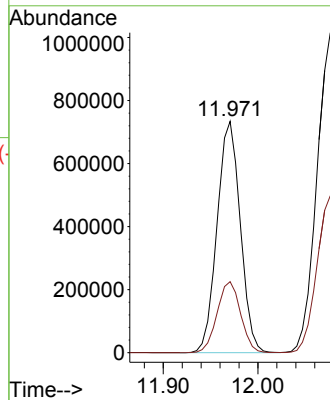
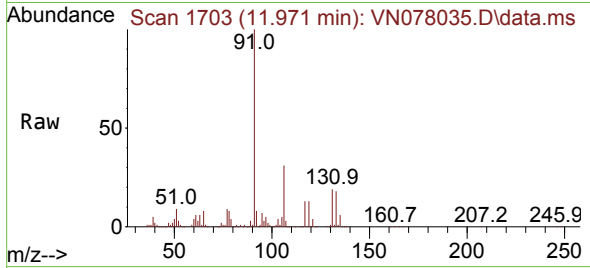




#67
Ethyl Benzene
Concen: 59.419 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

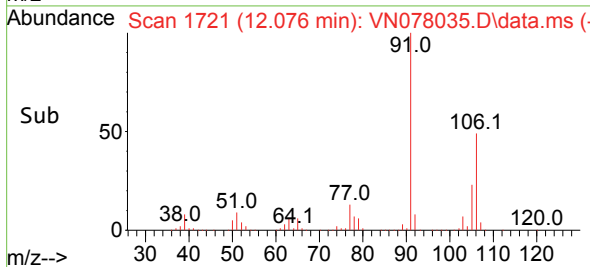
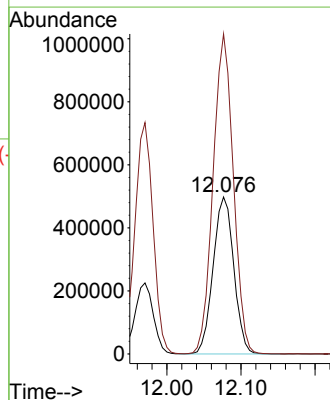
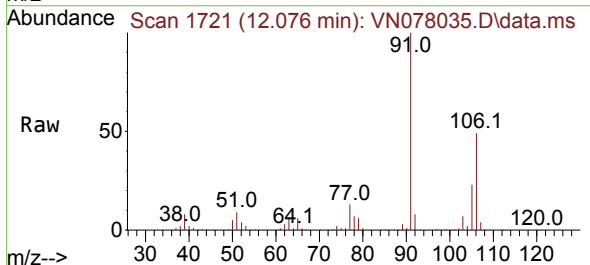
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

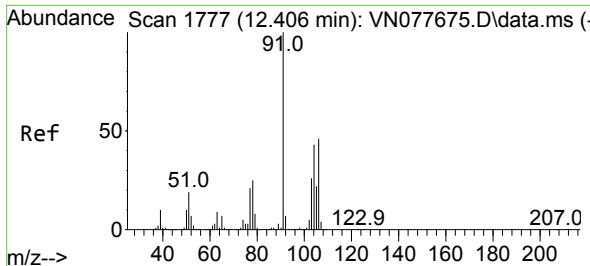
Tgt Ion: 91 Resp: 1249102
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 120.940 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 106 Resp: 963326
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4

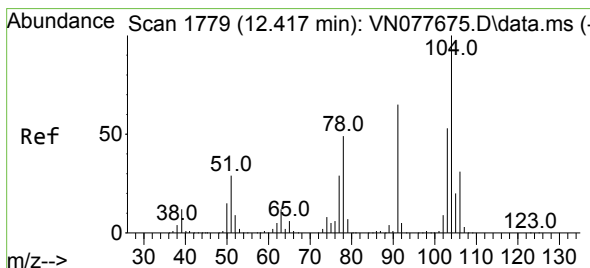
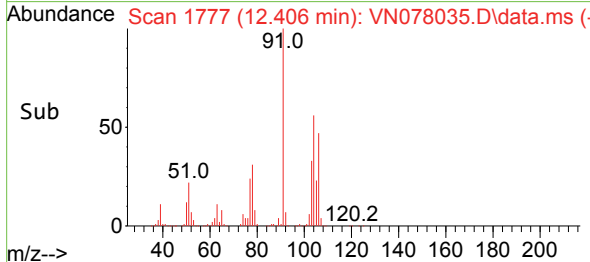
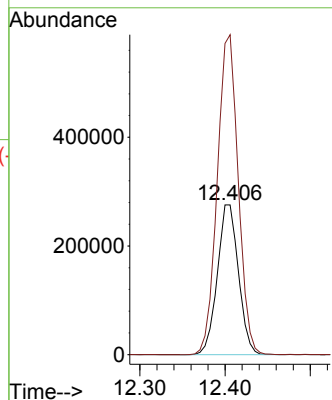
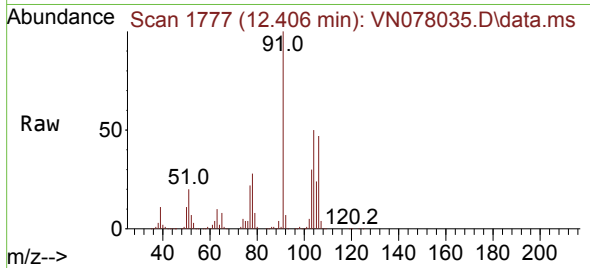




#69
o-Xylene
Concen: 60.563 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

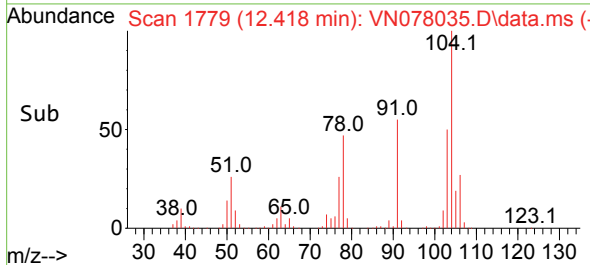
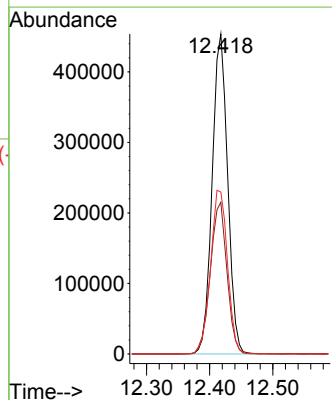
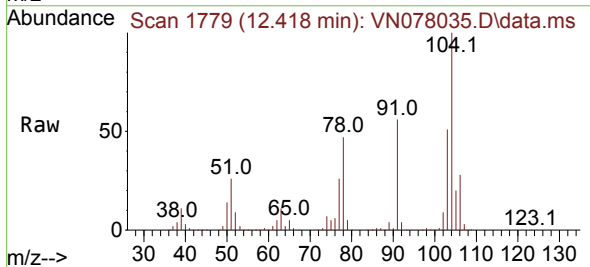
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

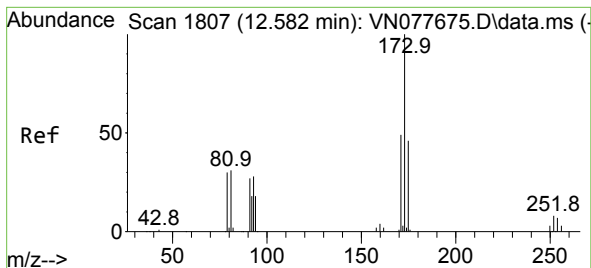
Tgt Ion:106 Resp: 474416
Ion Ratio Lower Upper
106 100
91 211.9 105.2 315.5



#70
Styrene
Concen: 62.075 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion:104 Resp: 772458
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 68.930 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

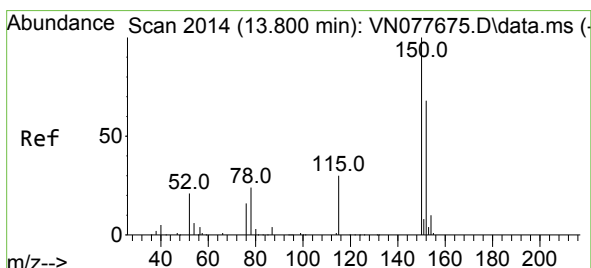
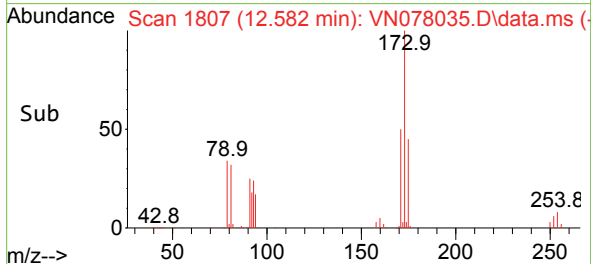
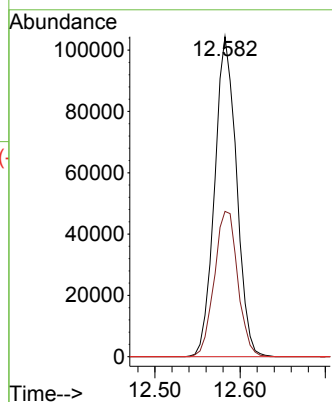
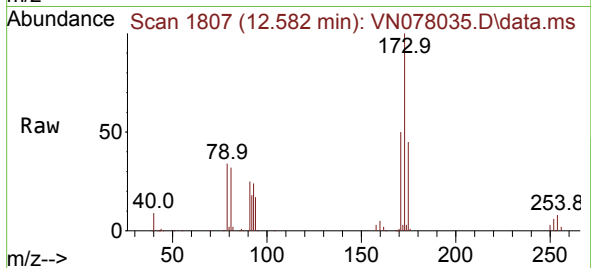
Tgt Ion:173 Resp: 186120

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

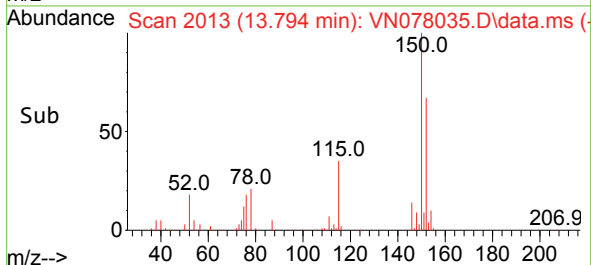
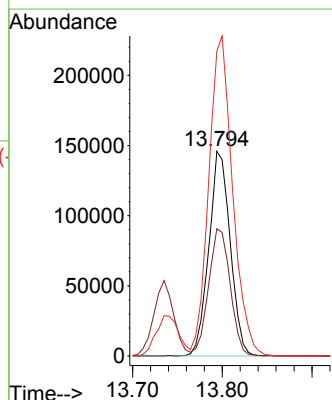
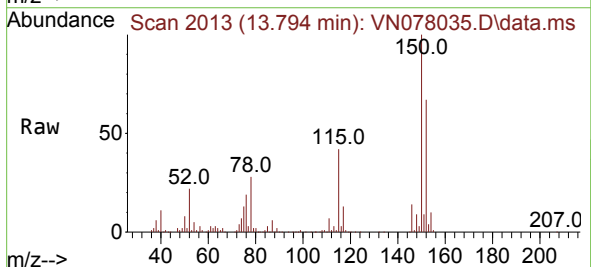
Tgt Ion:152 Resp: 241518

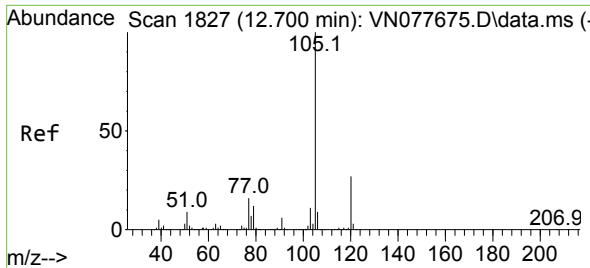
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 173.9 0.0 355.8

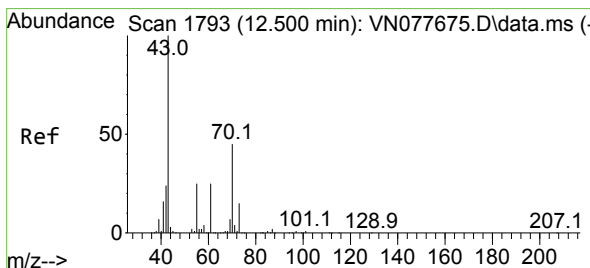
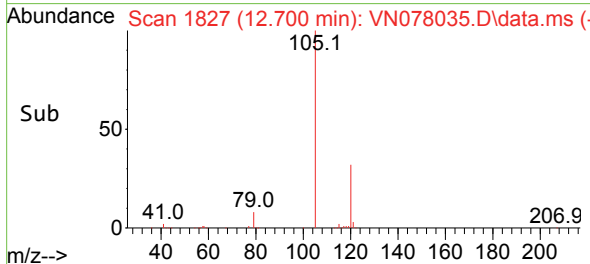
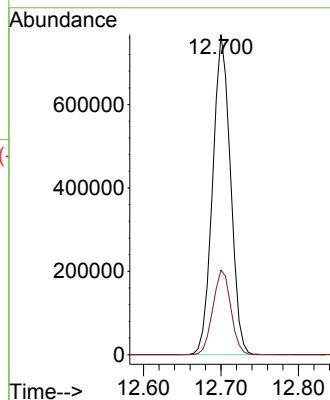
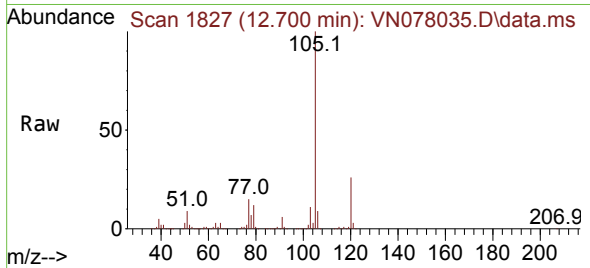




#73
Isopropylbenzene
Concen: 58.925 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

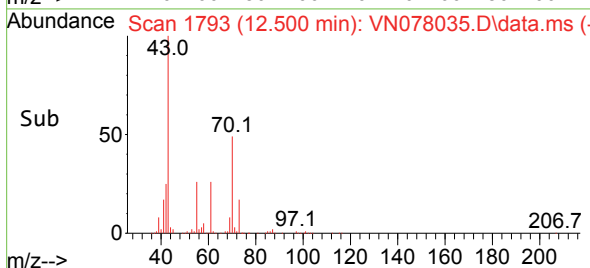
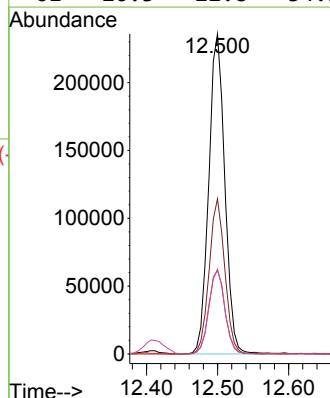
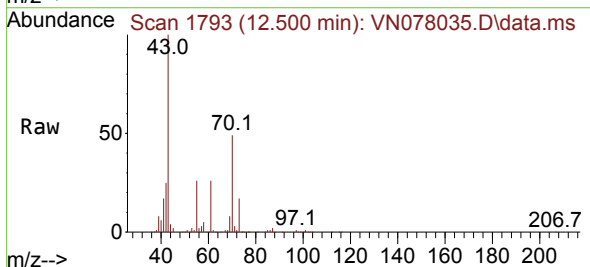
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

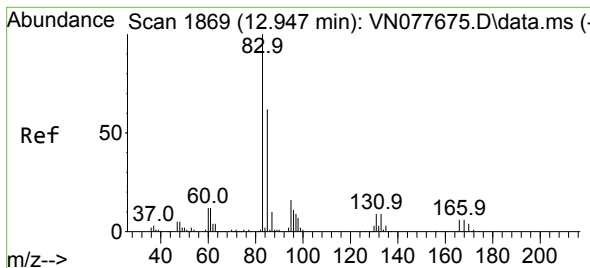
Tgt Ion:105 Resp: 1226760
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 48.255 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 43 Resp: 371339
Ion Ratio Lower Upper
43 100
70 47.3 43.4 65.2
55 26.3 21.4 32.0
61 26.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.326 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

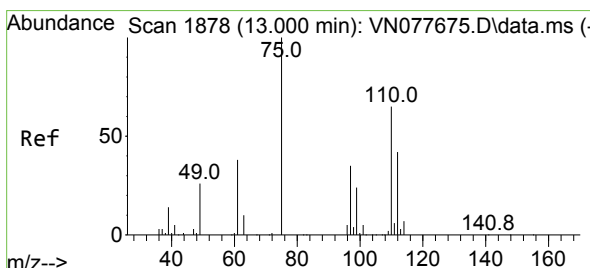
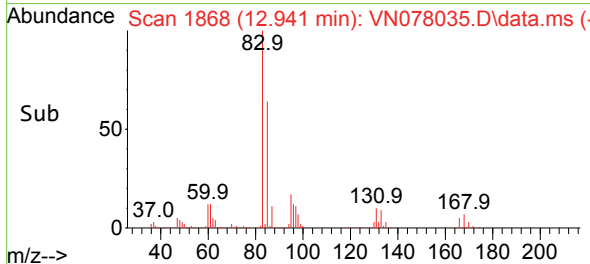
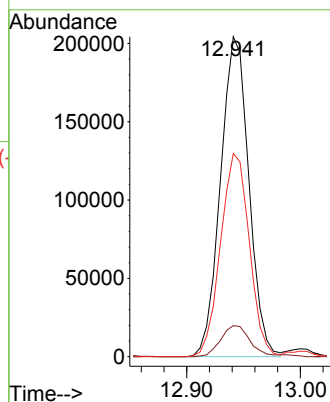
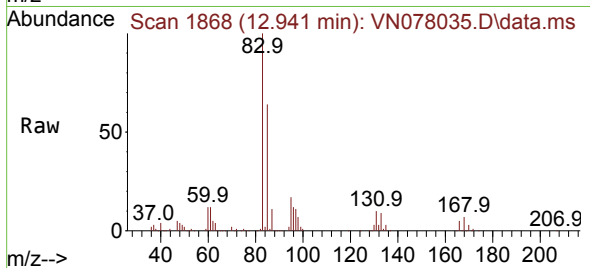
Tgt Ion: 83 Resp: 354345

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 64.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 70.702 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078035.D

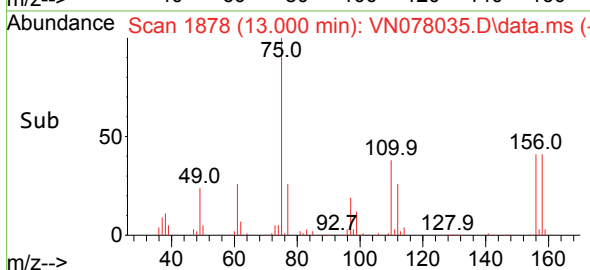
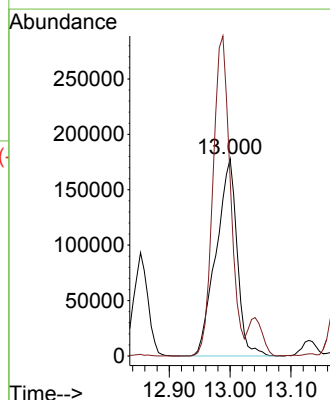
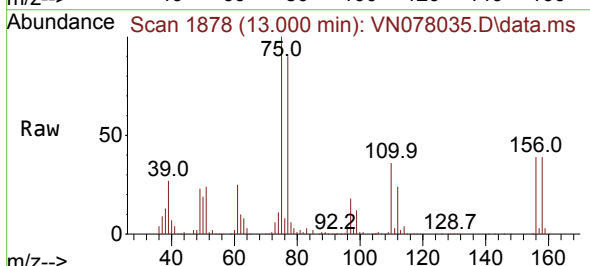
Acq: 05 Jun 2023 11:11

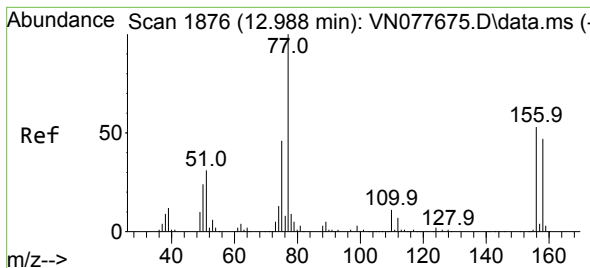
Tgt Ion: 75 Resp: 427640

Ion Ratio Lower Upper

75 100

77 133.4 84.5 253.5





#77

Bromobenzene

Concen: 57.300 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

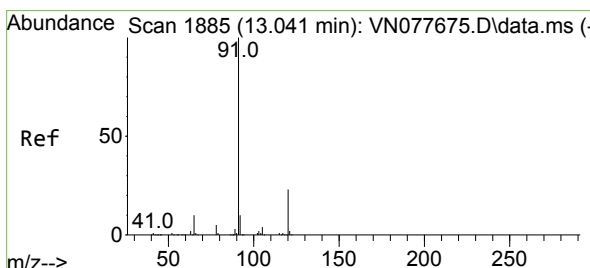
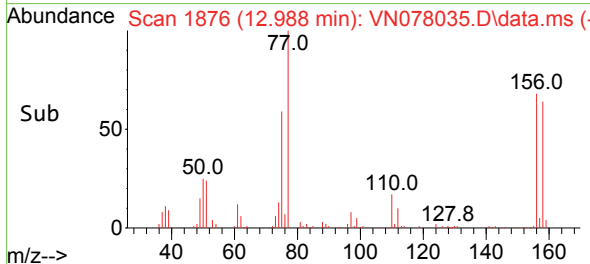
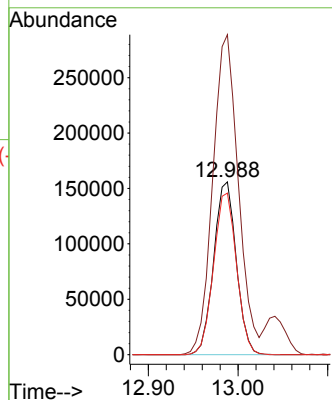
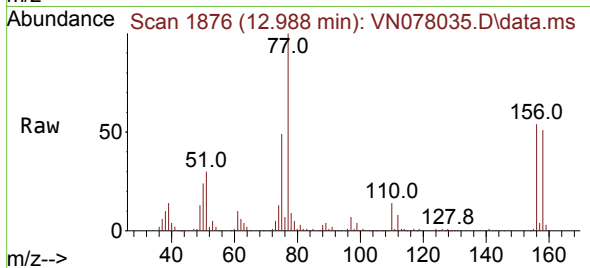
Tgt Ion:156 Resp: 272236

Ion Ratio Lower Upper

156 100

77 209.5 107.7 323.3

158 95.3 48.4 145.3



#78

n-propylbenzene

Concen: 58.261 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078035.D

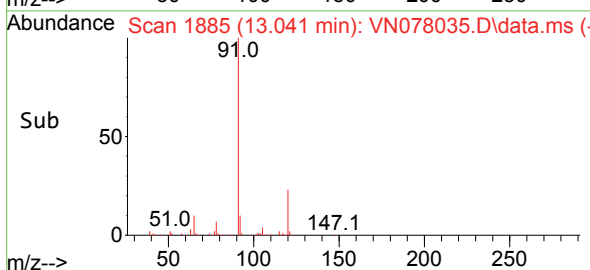
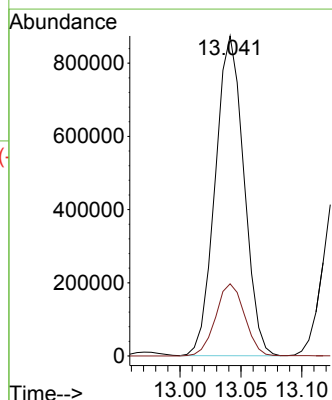
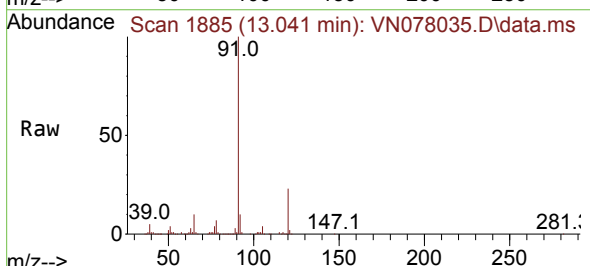
Acq: 05 Jun 2023 11:11

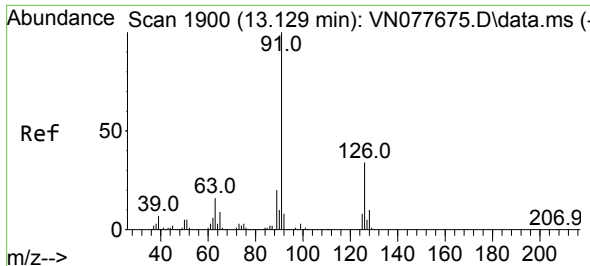
Tgt Ion: 91 Resp: 1429969

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

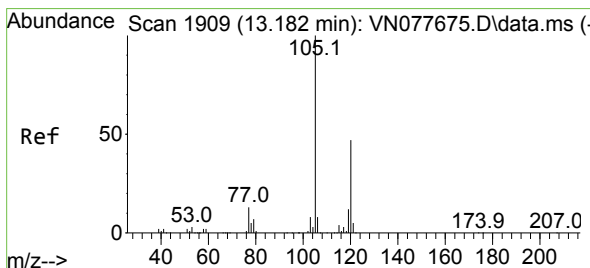
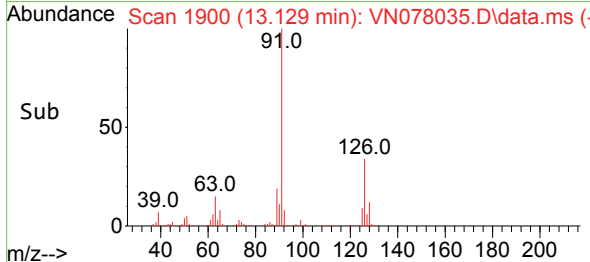
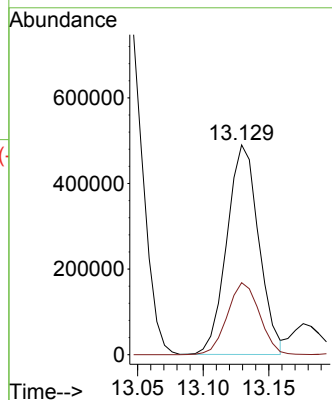
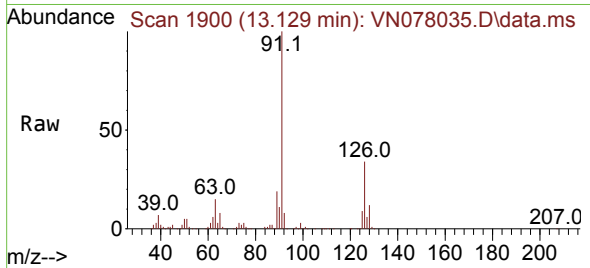




#79
2-Chlorotoluene
Concen: 56.699 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

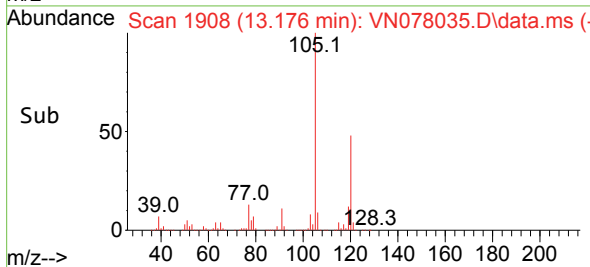
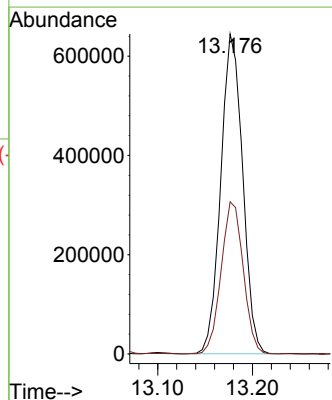
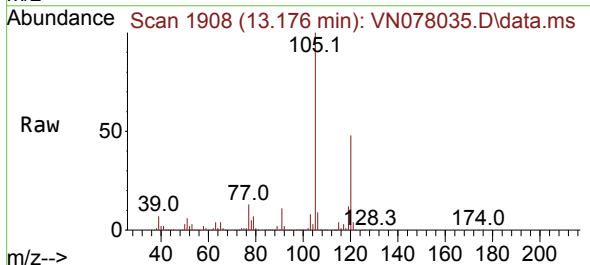
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

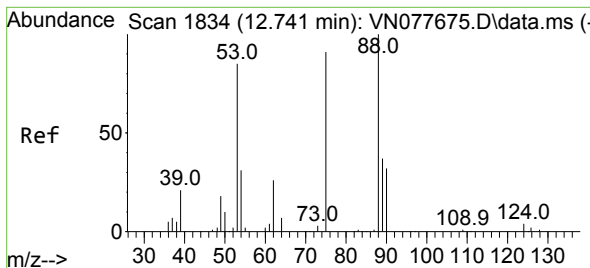
Tgt Ion: 91 Resp: 830413
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 59.189 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 105 Resp: 1035671
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

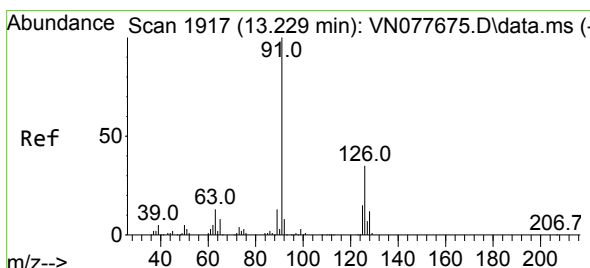
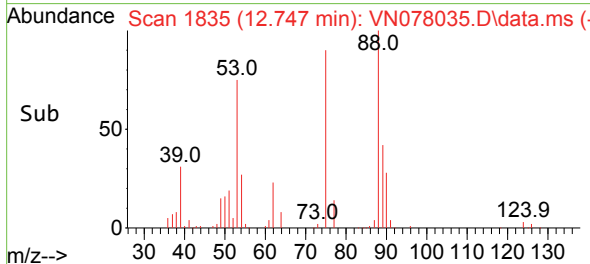
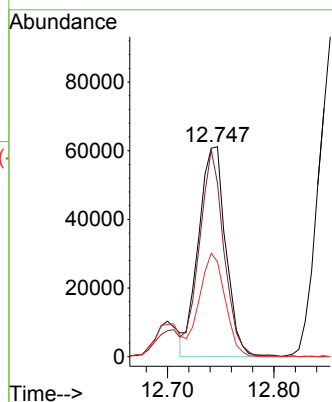
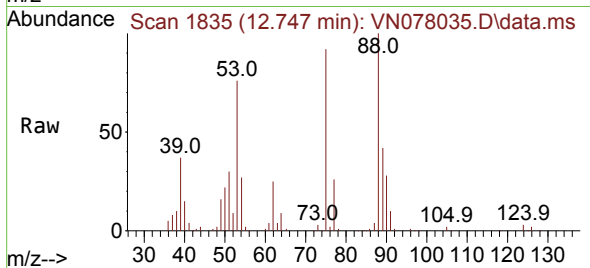




#81
trans-1,4-Dichloro-2-butene
Concen: 57.422 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

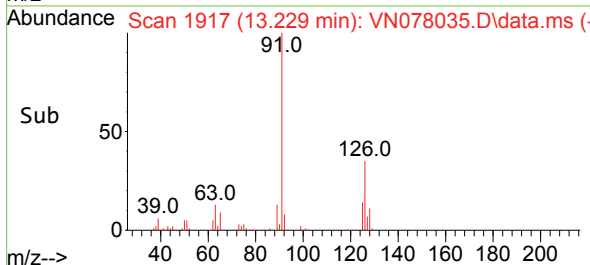
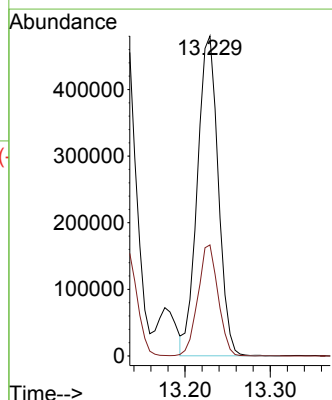
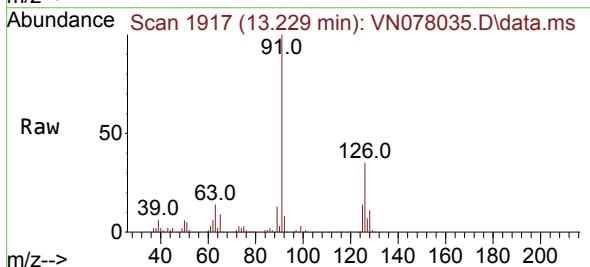
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

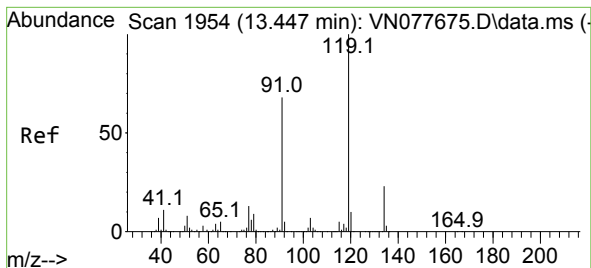
Tgt Ion: 75 Resp: 108654
Ion Ratio Lower Upper
75 100
53 87.6 67.4 101.2
89 45.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 55.970 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 91 Resp: 815601
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 58.057 ug/l

RT: 13.441 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

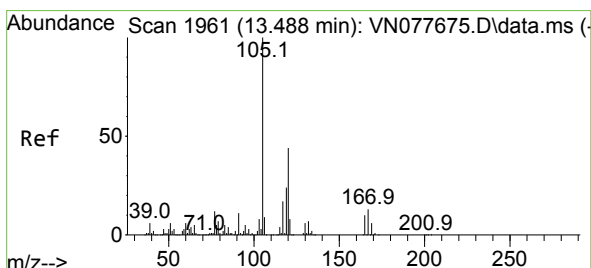
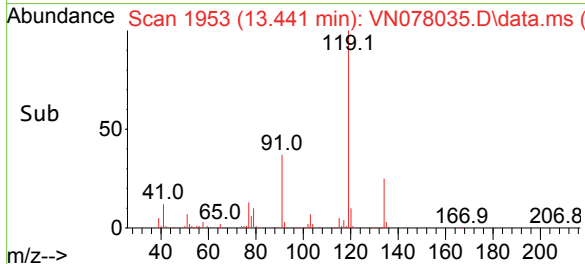
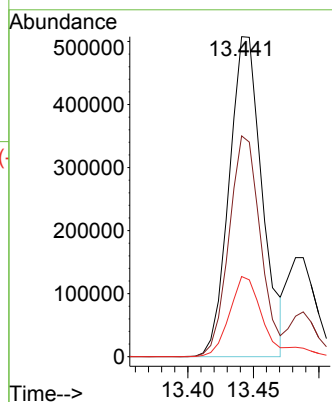
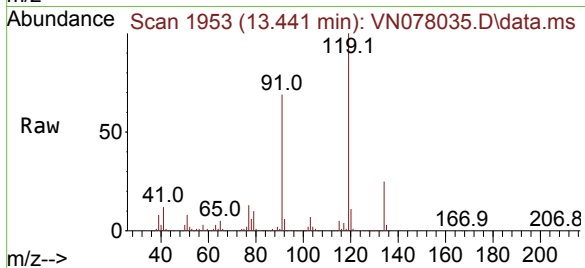
Tgt Ion:119 Resp: 886836

Ion Ratio Lower Upper

119 100

91 65.9 33.9 101.7

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 59.722 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078035.D

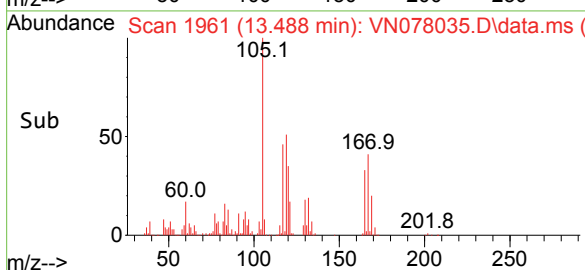
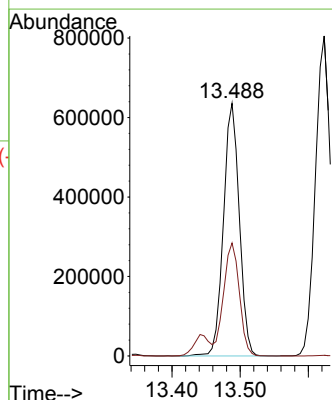
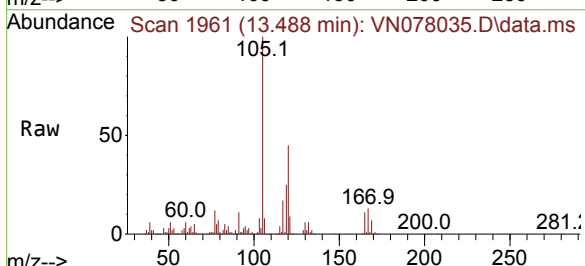
Acq: 05 Jun 2023 11:11

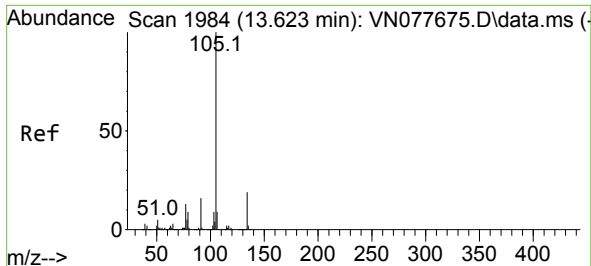
Tgt Ion:105 Resp: 1027730

Ion Ratio Lower Upper

105 100

120 44.7 22.0 66.0

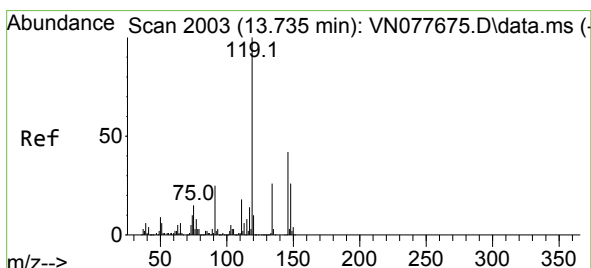
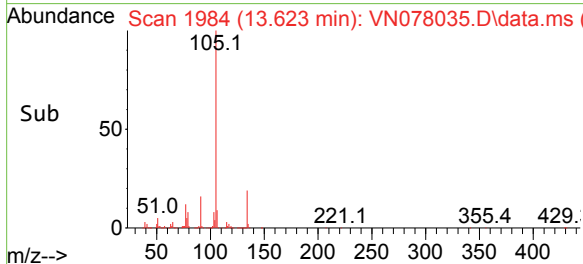
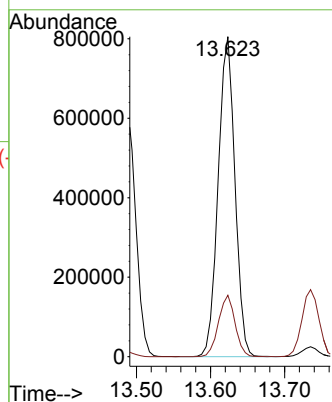
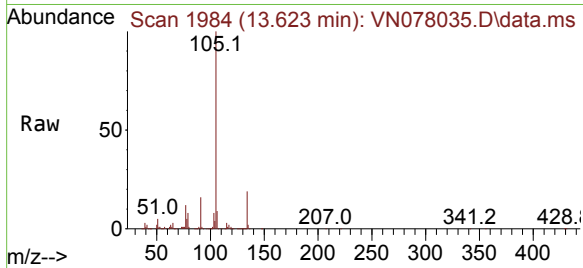




#85
 sec-Butylbenzene
 Concen: 58.313 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

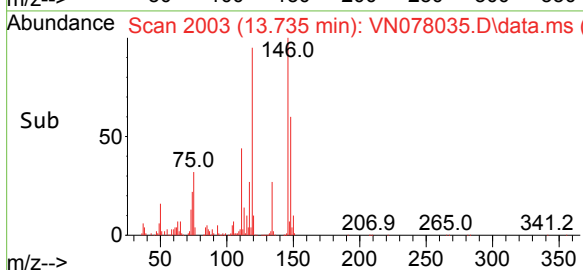
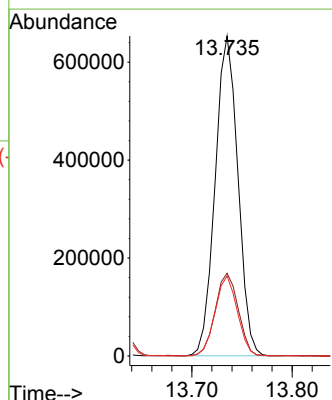
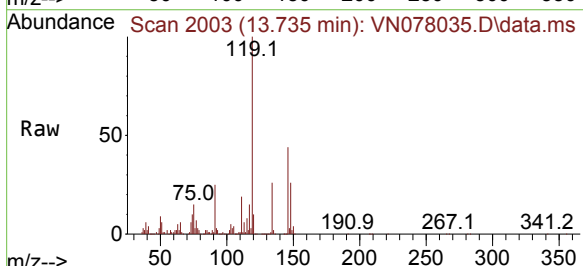
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

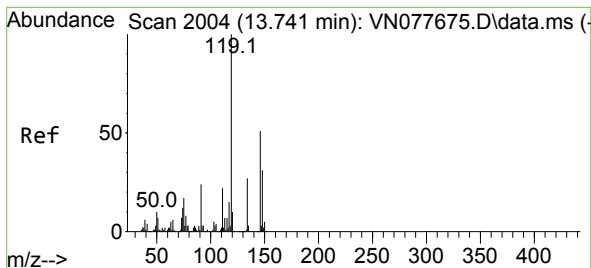
Tgt Ion:105 Resp: 1265912
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 59.430 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

Tgt Ion:119 Resp: 1028550
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 56.288 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

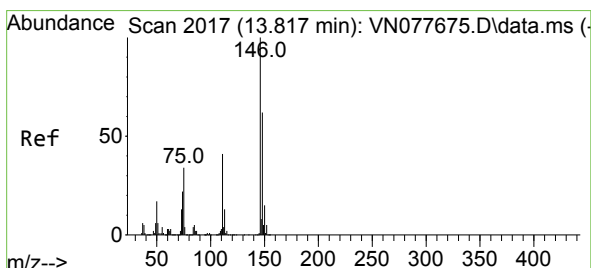
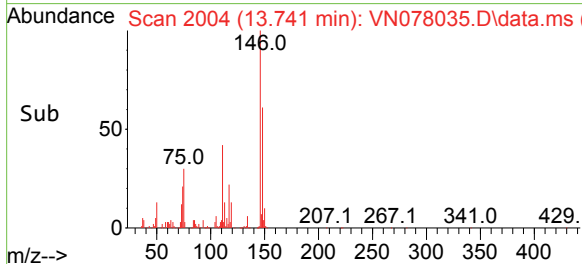
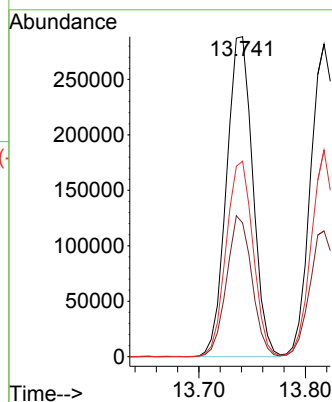
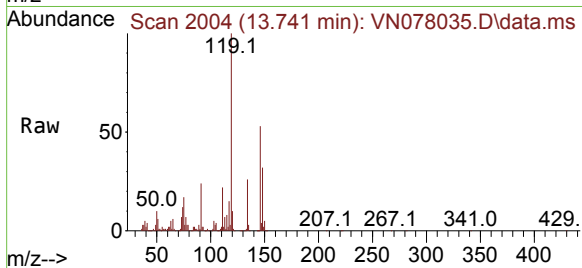
Tgt Ion:146 Resp: 494565

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.3

148 62.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 54.784 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

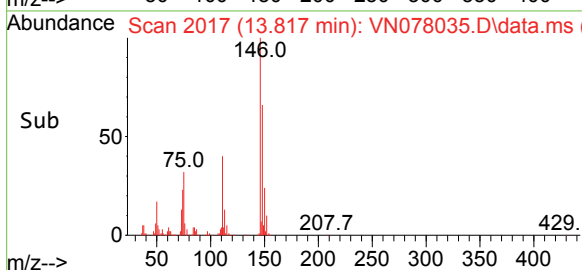
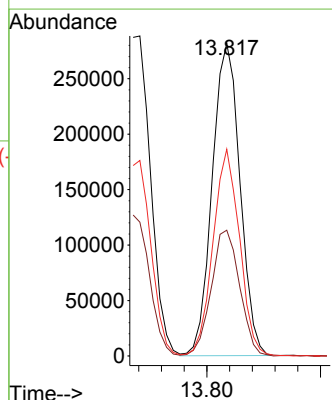
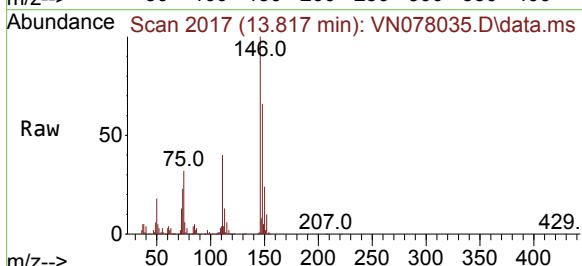
Tgt Ion:146 Resp: 477657

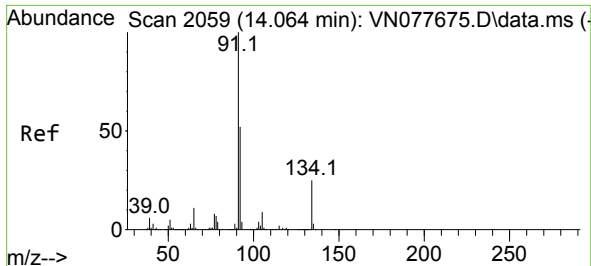
Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

148 63.4 31.6 94.8

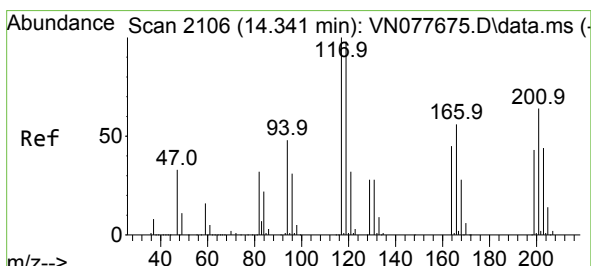
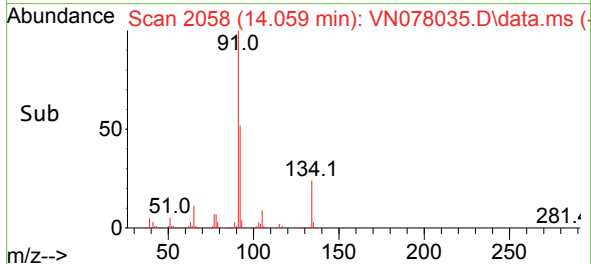
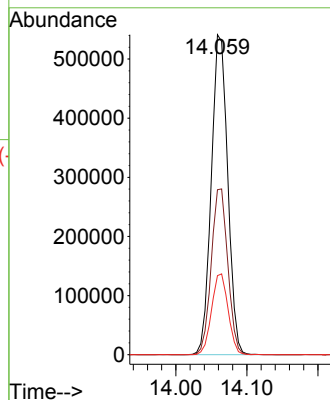
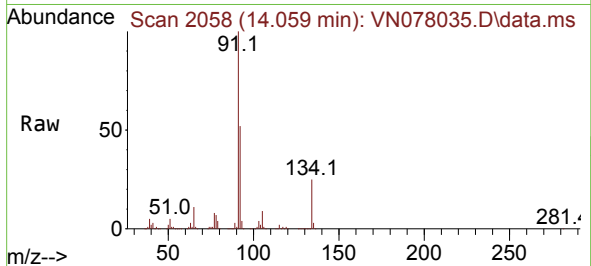




#89
n-Butylbenzene
Concen: 54.542 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.005 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

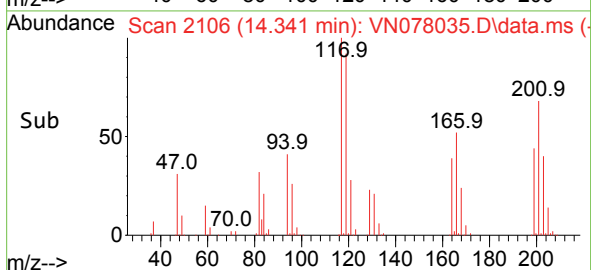
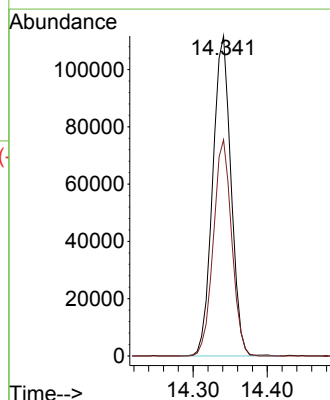
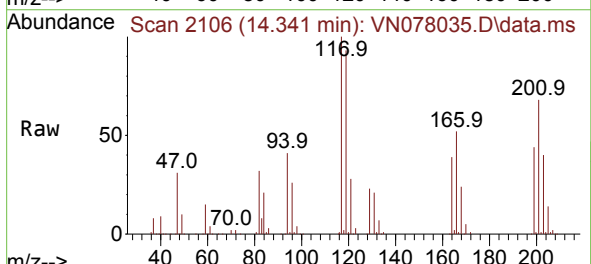
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

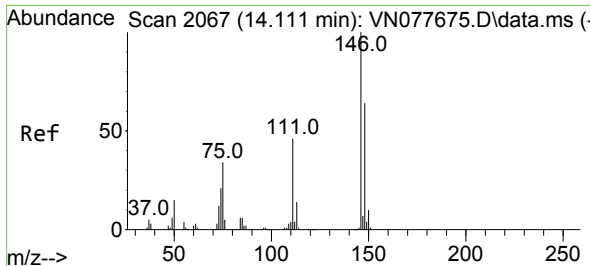
Tgt Ion: 91 Resp: 868233
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 67.341 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN078035.D
Acq: 05 Jun 2023 11:11

Tgt Ion: 117 Resp: 191461
Ion Ratio Lower Upper
117 100
201 67.6 29.3 88.0

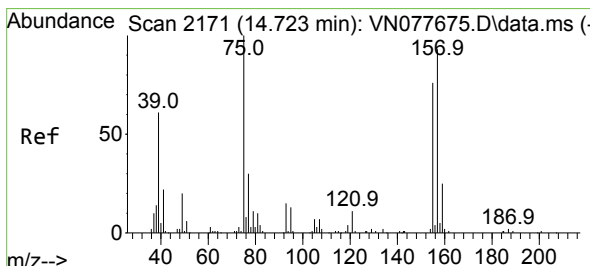
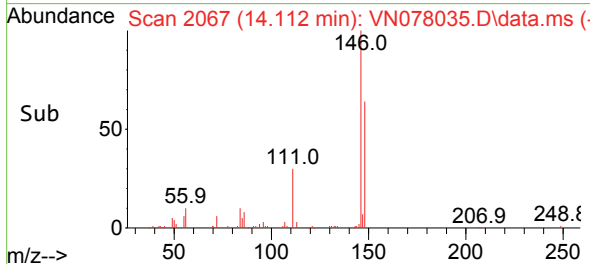
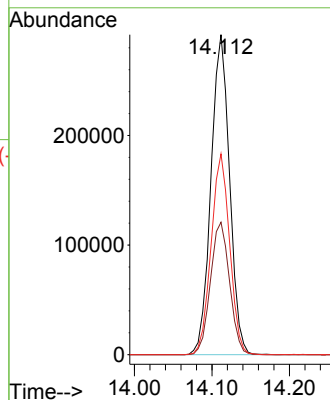
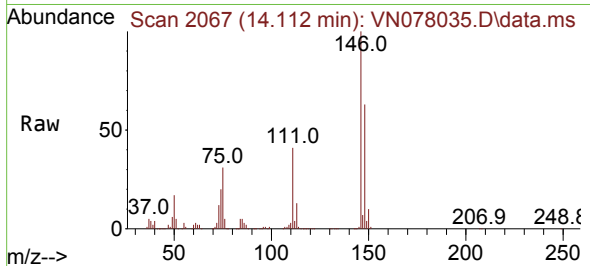




#91
 1,2-Dichlorobenzene
 Concen: 59.209 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.001 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

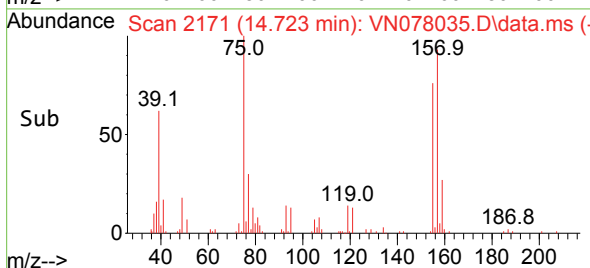
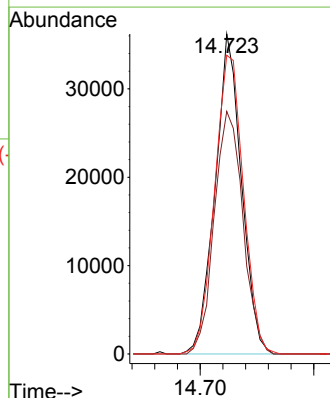
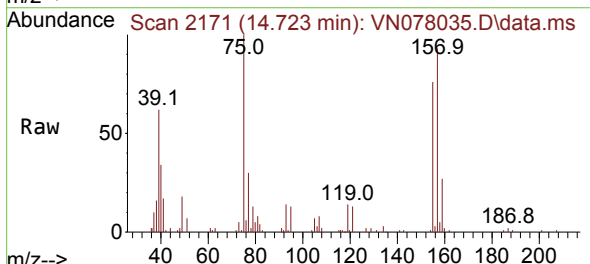
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

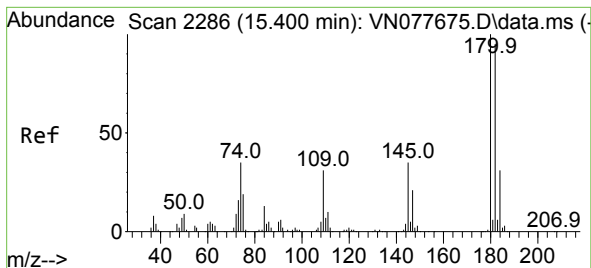
Tgt Ion:146 Resp: 486001
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.0 66.0
 148 62.6 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.063 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078035.D
 Acq: 05 Jun 2023 11:11

Tgt Ion: 75 Resp: 58357
 Ion Ratio Lower Upper
 75 100
 155 82.5 39.1 117.2
 157 102.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 43.293 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

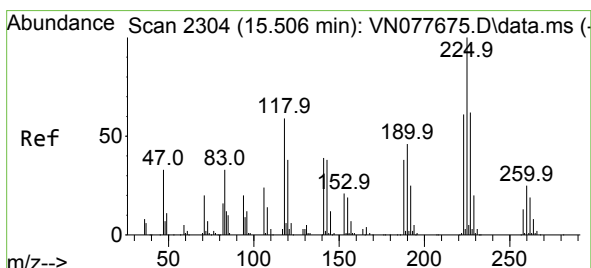
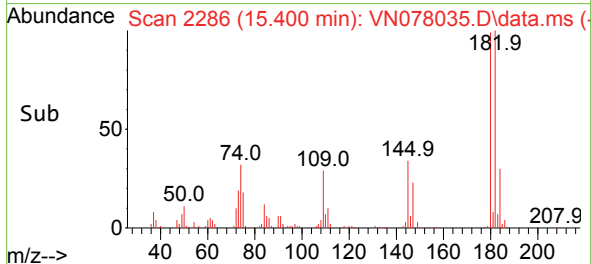
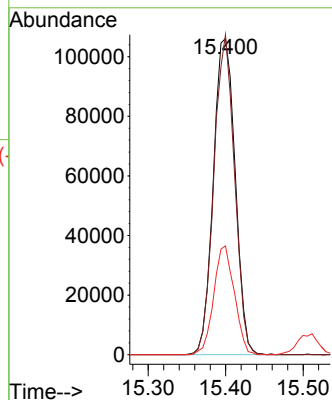
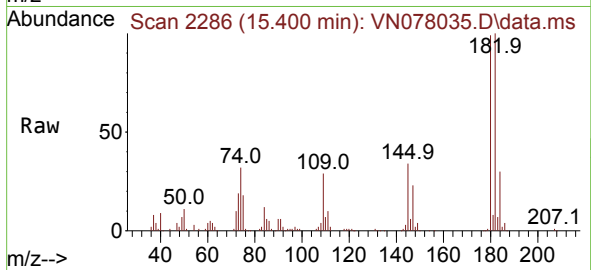
Tgt Ion:180 Resp: 207663

Ion Ratio Lower Upper

180 100

182 95.3 46.1 138.2

145 32.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 56.907 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

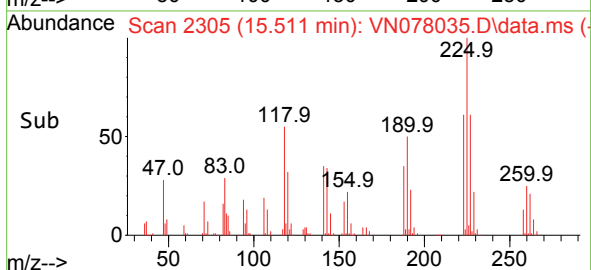
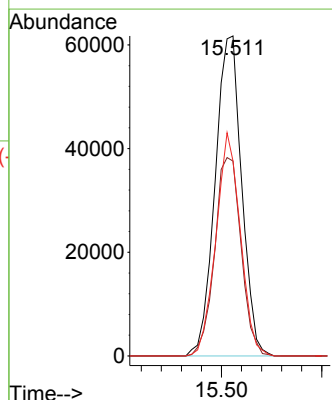
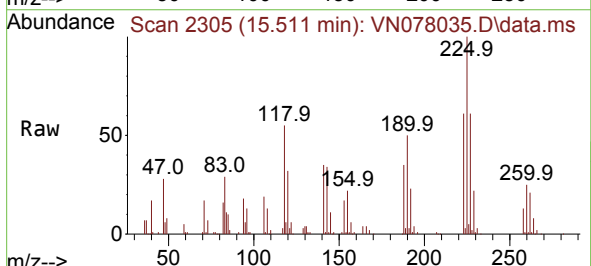
Tgt Ion:225 Resp: 113334

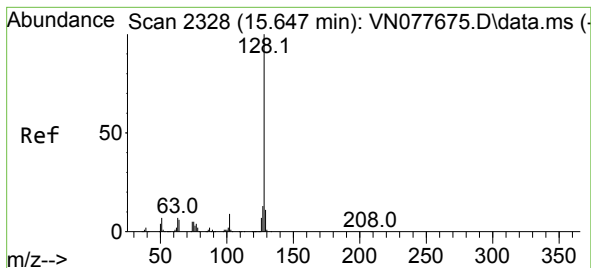
Ion Ratio Lower Upper

225 100

223 61.8 31.3 93.8

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 35.751 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

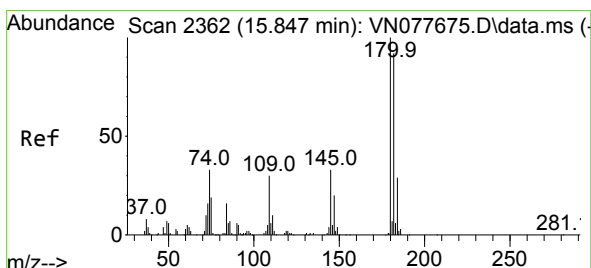
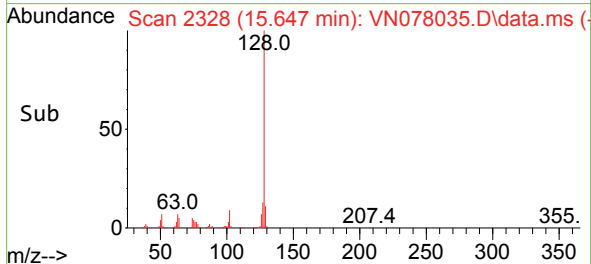
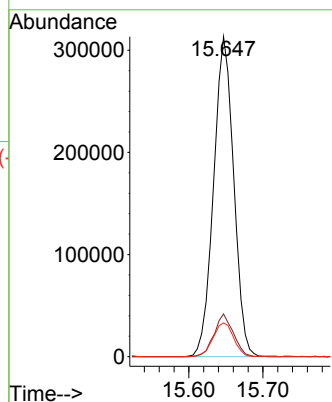
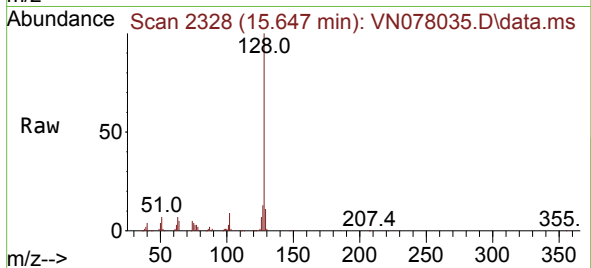
Tgt Ion:128 Resp: 590265

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 45.336 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078035.D

Acq: 05 Jun 2023 11:11

Tgt Ion:180 Resp: 212917

Ion Ratio Lower Upper

180 100

182 94.2 46.2 138.6

145 34.4 17.5 52.6

