

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077958.D
 Acq On : 30 May 2023 10:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 02:02:41 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	8.230	168	407324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	717402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	624709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	277994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293922	48.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	8.177	113	249339	53.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.600%
50) Toluene-d8	10.571	98	920707	51.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.859	95	322835	50.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	191581	41.328	ug/l	98
3) Chloromethane	2.371	50	214081	43.318	ug/l	98
4) Vinyl Chloride	2.524	62	273763	46.841	ug/l	98
5) Bromomethane	2.959	94	206122	47.685	ug/l	97
6) Chloroethane	3.124	64	198245	47.067	ug/l	99
7) Trichlorofluoromethane	3.506	101	393087	48.261	ug/l	99
8) Diethyl Ether	3.965	74	141371	47.543	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	217362	48.222	ug/l	98
10) Methyl Iodide	4.601	142	301097	56.011	ug/l	99
11) Tert butyl alcohol	5.524	59	180793	214.945	ug/l	99
12) 1,1-Dichloroethene	4.348	96	214757	50.128	ug/l	90
13) Acrolein	4.189	56	100777	185.136	ug/l	96
14) Allyl chloride	5.036	41	325271	51.683	ug/l	95
15) Acrylonitrile	5.730	53	511779	227.747	ug/l	98
16) Acetone	4.436	43	471673	245.990	ug/l	94
17) Carbon Disulfide	4.718	76	535317	46.375	ug/l	100
18) Methyl Acetate	5.036	43	370530	46.063	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	758907	48.940	ug/l	99
20) Methylene Chloride	5.289	84	256049	51.359	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	236529	49.150	ug/l	88
22) Diisopropyl ether	6.683	45	733095	49.695	ug/l	95
23) Vinyl Acetate	6.612	43	2169927	237.412	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	459308	50.822	ug/l	98
25) 2-Butanone	7.494	43	672378	224.166	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	400201	52.122	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	293218	50.816	ug/l	91
28) Bromochloromethane	7.818	49	192193	49.172	ug/l	88
29) Tetrahydrofuran	7.847	42	428503	218.176	ug/l #	84
30) Chloroform	7.971	83	493662	49.656	ug/l	95
31) Cyclohexane	8.265	56	373468	45.086	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	440079	52.066	ug/l	97
36) 1,1-Dichloropropene	8.377	75	360374	52.667	ug/l	97
37) Ethyl Acetate	7.571	43	273900	44.911	ug/l	94
38) Carbon Tetrachloride	8.371	117	392196	56.762	ug/l	98
39) Methylcyclohexane	9.606	83	404879	48.333	ug/l	91
40) Benzene	8.612	78	1060608	52.527	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	147170	45.312	ug/l	93
42) 1,2-Dichloroethane	8.683	62	369945	50.437	ug/l	98
43) Isopropyl Acetate	8.694	43	493369	49.527	ug/l	94
44) Trichloroethene	9.359	130	277335	54.244	ug/l	100
45) 1,2-Dichloropropane	9.630	63	275938	53.576	ug/l	92
46) Dibromomethane	9.712	93	190960	51.815	ug/l	96
47) Bromodichloromethane	9.894	83	392888	55.683	ug/l	99
48) Methyl methacrylate	9.688	41	223614	47.346	ug/l	91
49) 1,4-Dioxane	9.700	88	87586	981.851	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1424494	240.570	ug/l	93
52) Toluene	10.635	92	691873	55.040	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	415211	55.570	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	454055	55.144	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	260234	52.138	ug/l	97
56) Ethyl methacrylate	10.882	69	391360	51.858	ug/l	93
57) 1,3-Dichloropropane	11.171	76	441486	51.596	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	785114	211.468	ug/l	93
59) 2-Hexanone	11.200	43	994916	227.162	ug/l	93
60) Dibromochloromethane	11.365	129	293464	56.954	ug/l	99
61) 1,2-Dibromoethane	11.477	107	264834	53.187	ug/l	98
64) Tetrachloroethene	11.112	164	257324	58.901	ug/l	97
65) Chlorobenzene	11.900	112	732809	54.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	278136	59.354	ug/l	99
67) Ethyl Benzene	11.971	91	1332024	54.884	ug/l	98
68) m/p-Xylenes	12.076	106	1019819	110.898	ug/l	99
69) o-Xylene	12.406	106	495095	54.744	ug/l	97
70) Styrene	12.418	104	801342	55.778	ug/l	98
71) Bromoform	12.588	173	188981	60.623	ug/l #	98
73) Isopropylbenzene	12.700	105	1295518	54.063	ug/l	99
74) N-amyl acetate	12.500	43	396499	44.764	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	356225	48.322	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	451778	64.892	ug/l	73
77) Bromobenzene	12.988	156	282591	51.676	ug/l	98
78) n-propylbenzene	13.041	91	1482652	52.481	ug/l	100
79) 2-Chlorotoluene	13.129	91	889168	52.745	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1082730	53.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	131102	60.194	ug/l	91
82) 4-Chlorotoluene	13.229	91	849512	50.648	ug/l	98
83) tert-Butylbenzene	13.447	119	919339	52.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1069608	54.000	ug/l	99
85) sec-Butylbenzene	13.623	105	1268841	50.779	ug/l	99
86) p-Isopropyltoluene	13.735	119	1057787	53.100	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	509272	50.357	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	495795	49.403	ug/l	99
89) n-Butylbenzene	14.065	91	859403	46.904	ug/l	98
90) Hexachloroethane	14.341	117	194124	59.319	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	500131	52.936	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59876	41.952	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	212477	38.485	ug/l	97
94) Hexachlorobutadiene	15.512	225	93262	40.684	ug/l	98
95) Naphthalene	15.647	128	625187	32.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	216766	40.100	ug/l	98

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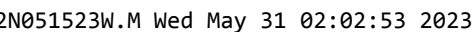
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MSVOA_N
ClientSampleId :
VSTDCCC050

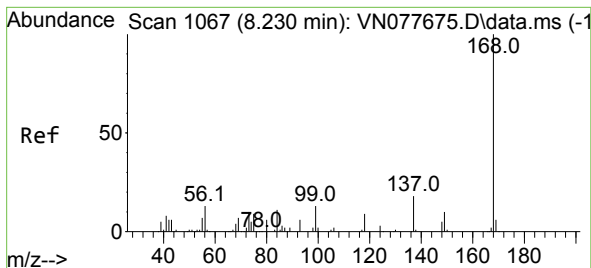
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

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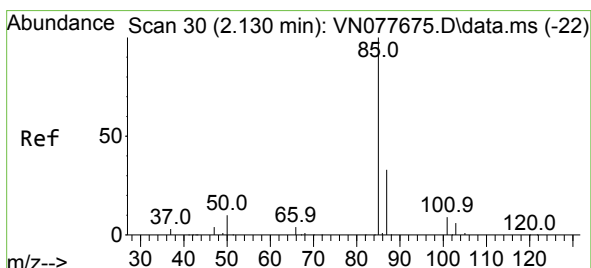
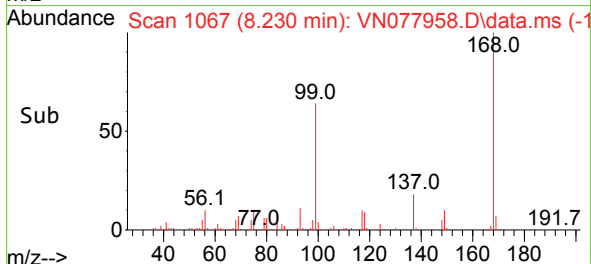
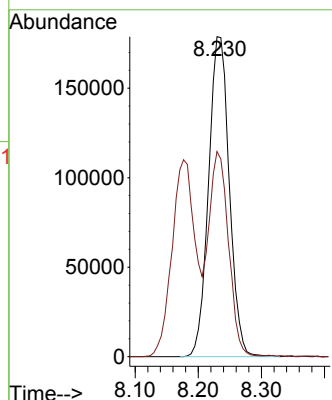
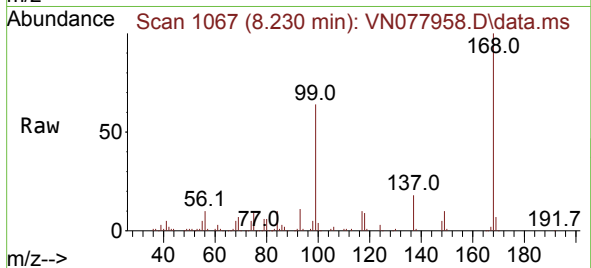
VSTDCCC050

Tgt Ion:168 Resp: 407324

Ion Ratio Lower Upper

168 100

99 63.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 41.328 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077958.D

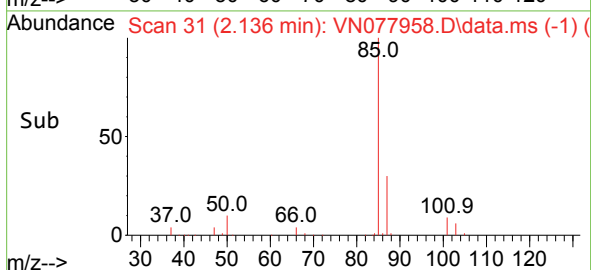
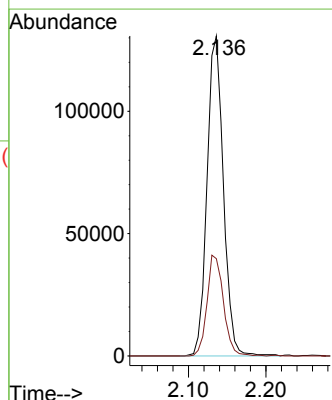
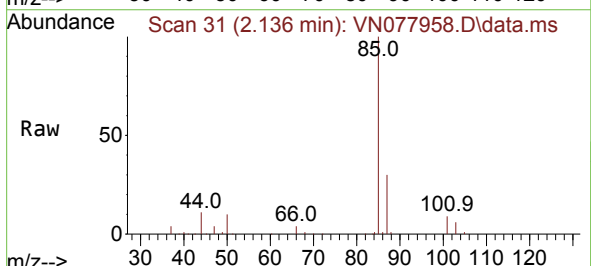
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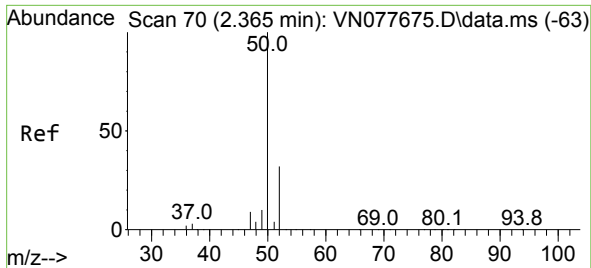
Tgt Ion: 85 Resp: 191581

Ion Ratio Lower Upper

85 100

87 30.4 15.8 47.4

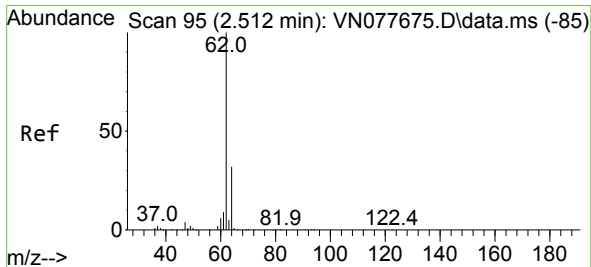
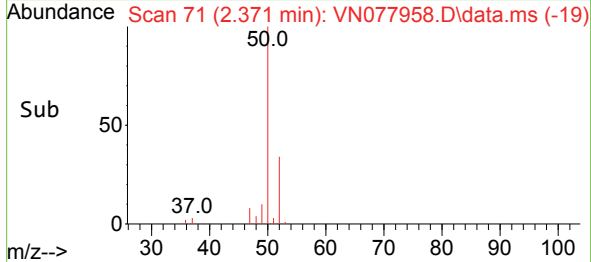
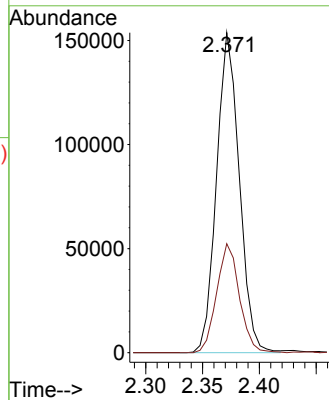
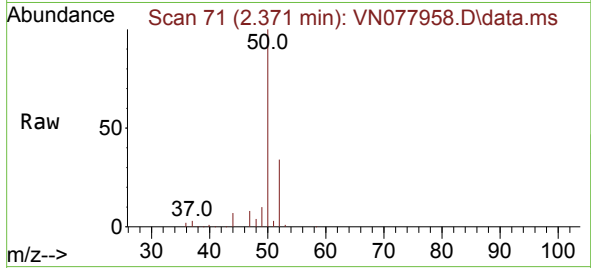




#3
Chloromethane
Concen: 43.318 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

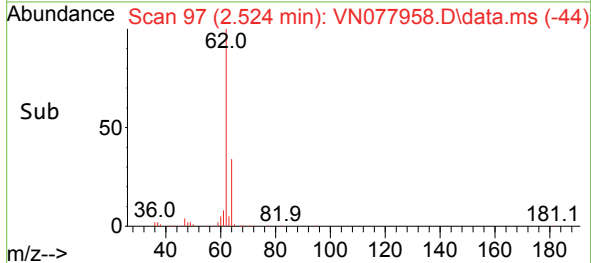
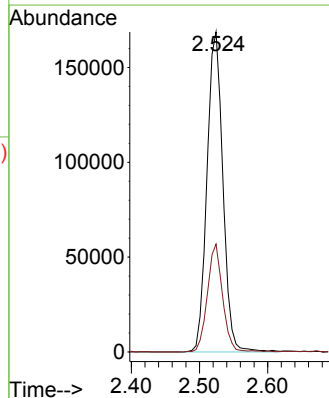
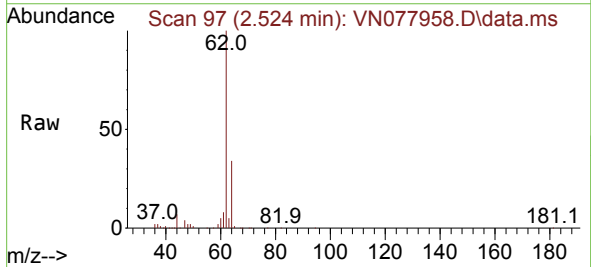
Instrument :
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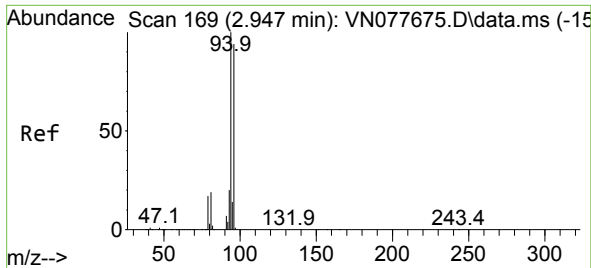
Tgt Ion: 50 Resp: 214081
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 46.841 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 62 Resp: 273763
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





#5

Bromomethane

Concen: 47.685 ug/l

RT: 2.959 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

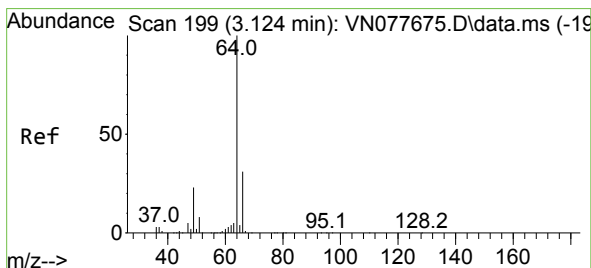
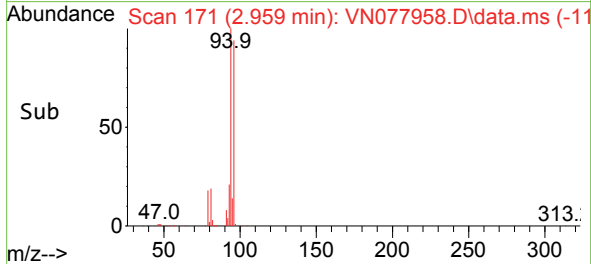
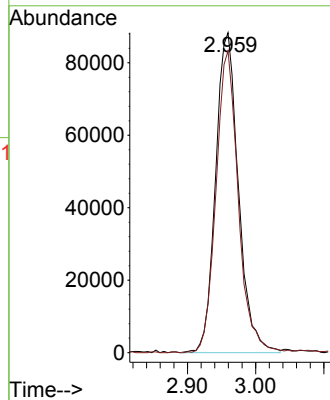
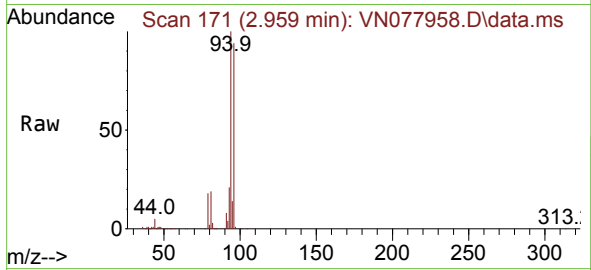
VSTDCCC050

Tgt Ion: 94 Resp: 206122

Ion Ratio Lower Upper

94 100

96 94.3 73.1 109.7



#6

Chloroethane

Concen: 47.067 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.000 min

Lab File: VN077958.D

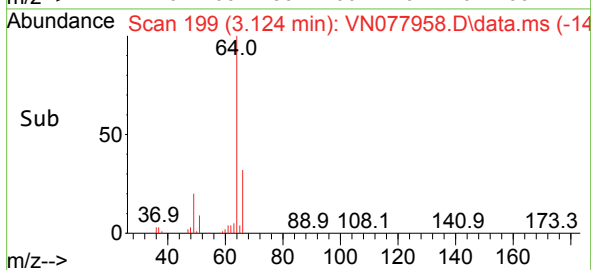
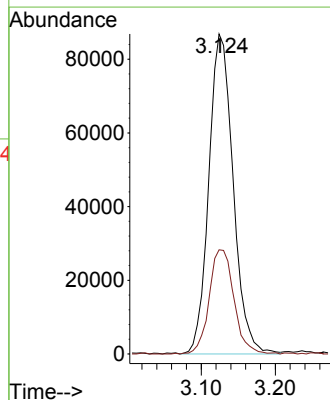
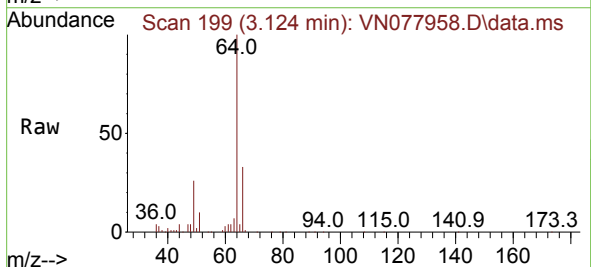
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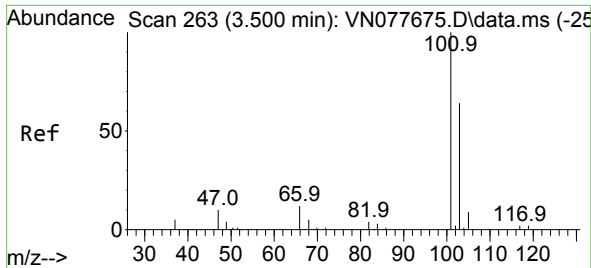
Tgt Ion: 64 Resp: 198245

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2

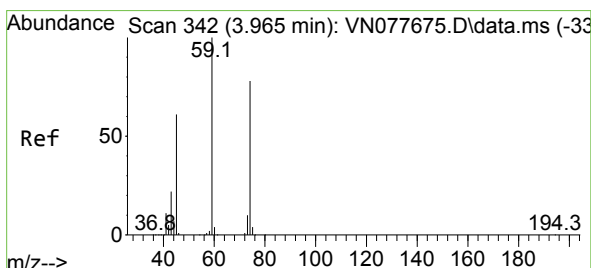
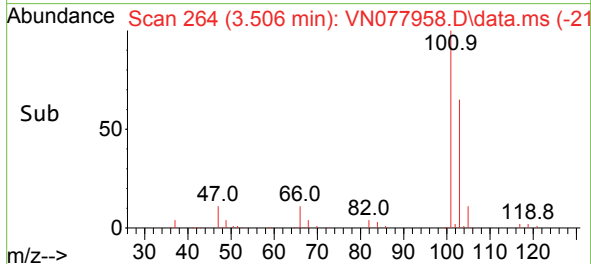
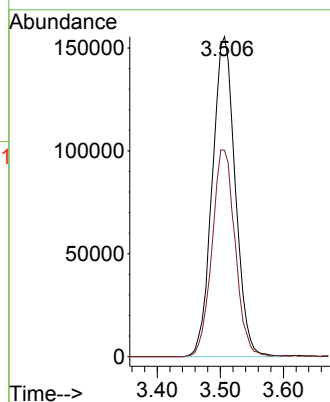
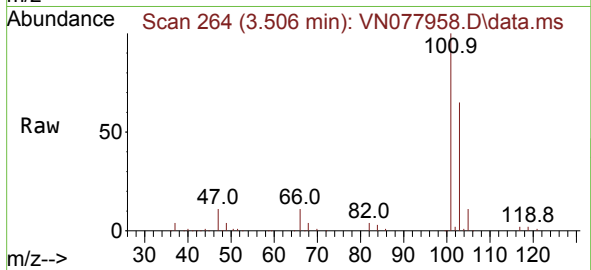




#7
Trichlorofluoromethane
Concen: 48.261 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

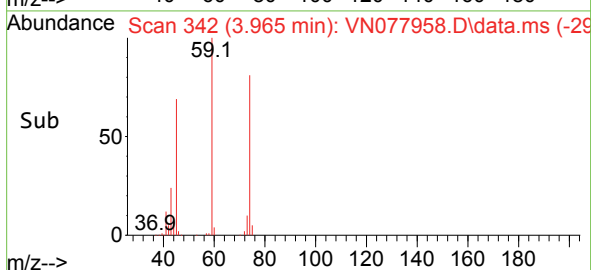
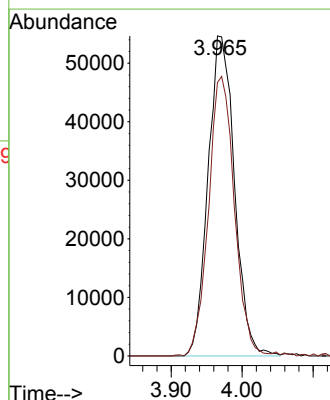
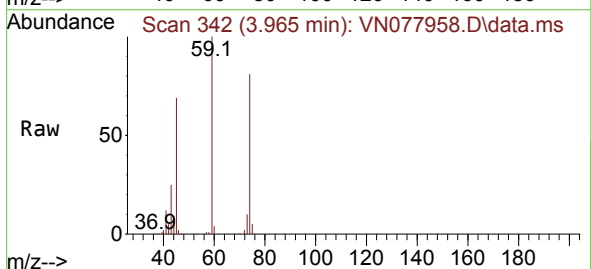
Instrument :
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VSTDCCC050

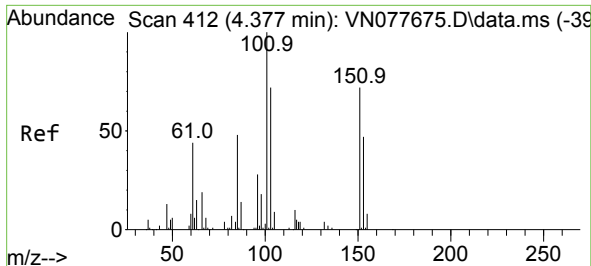
Tgt Ion:101 Resp: 393087
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1



#8
Diethyl Ether
Concen: 47.543 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 74 Resp: 141371
Ion Ratio Lower Upper
74 100
45 85.4 34.4 103.3

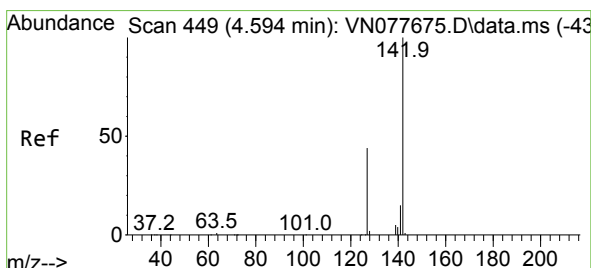
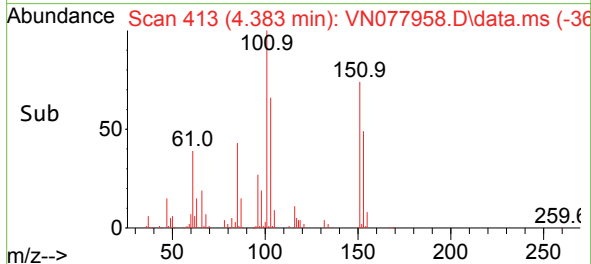
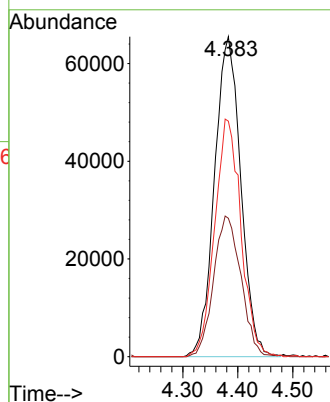
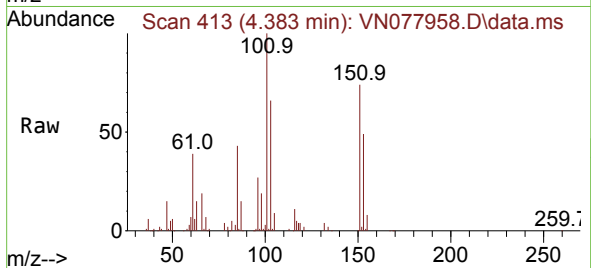




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.222 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

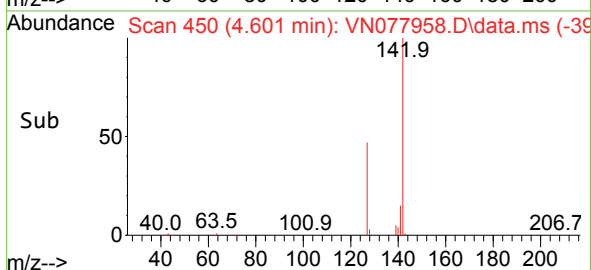
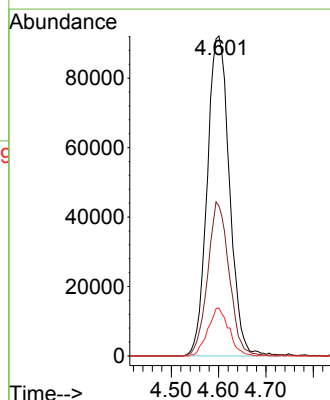
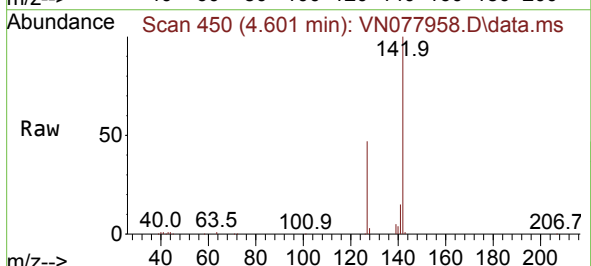
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

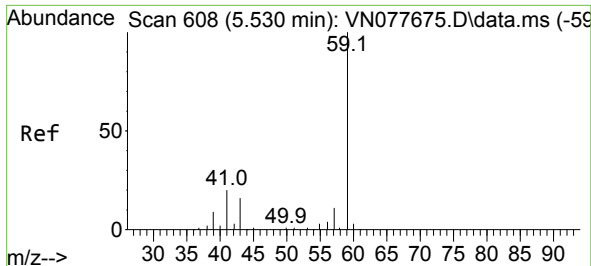
Tgt Ion:101 Resp: 217362
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 74.4 57.6 86.4



#10
Methyl Iodide
Concen: 56.011 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.007 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:142 Resp: 301097
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 15.0 11.4 17.0

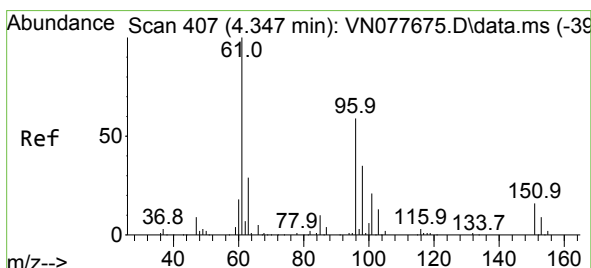
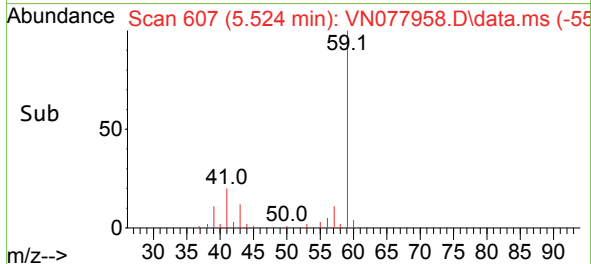
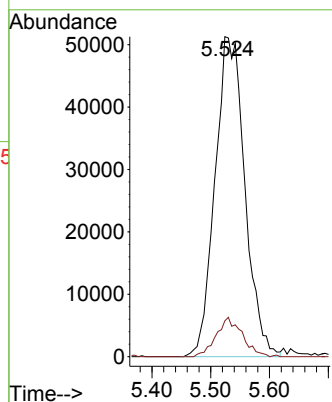
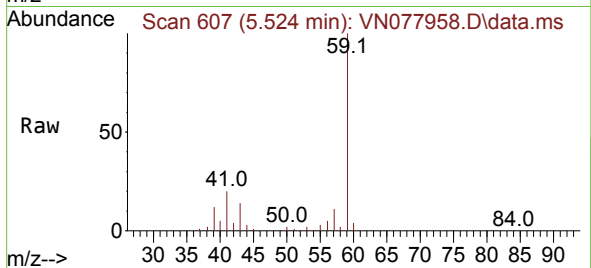




#11
Tert butyl alcohol
Concen: 214.945 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

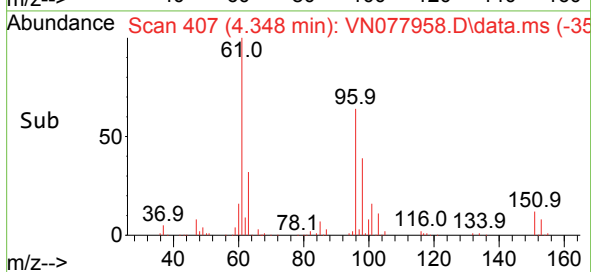
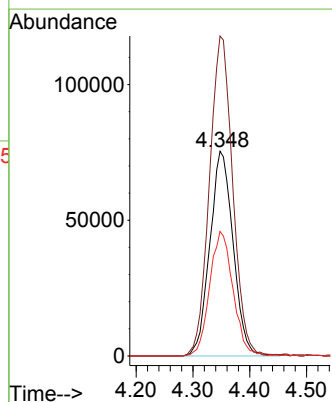
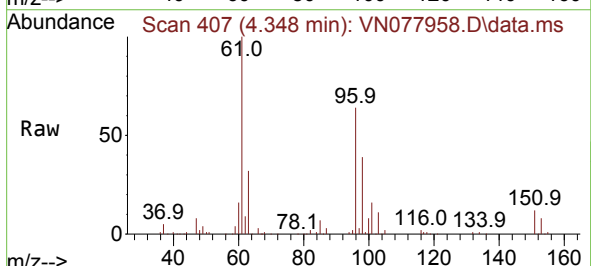
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

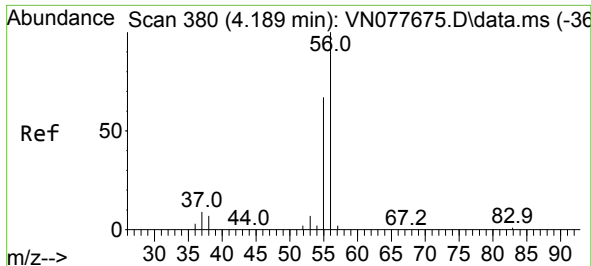
Tgt Ion: 59 Resp: 180793
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.128 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 96 Resp: 214757
Ion Ratio Lower Upper
96 100
61 156.4 112.7 169.1
98 60.8 51.2 76.8

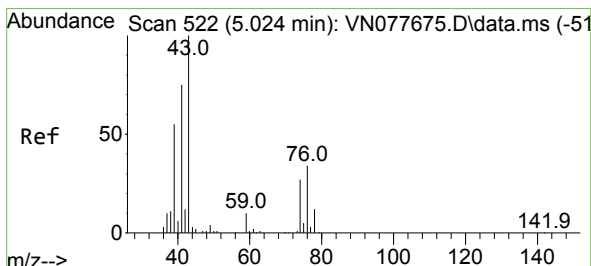
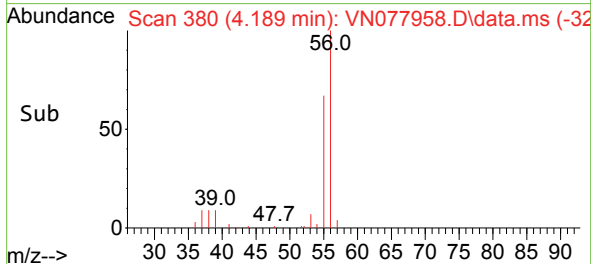
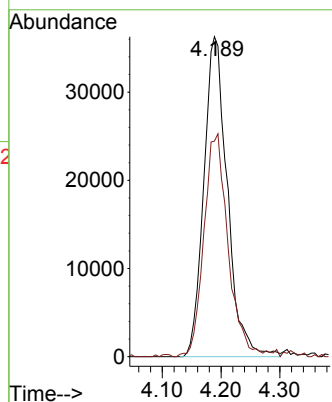
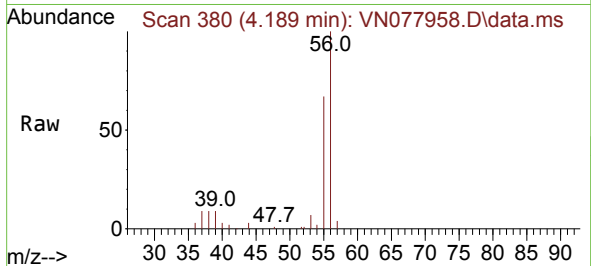




#13
Acrolein
Concen: 185.136 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

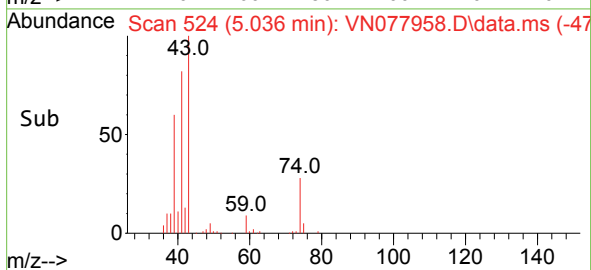
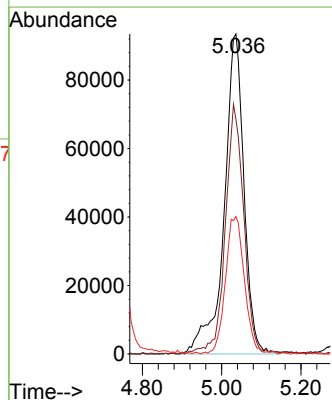
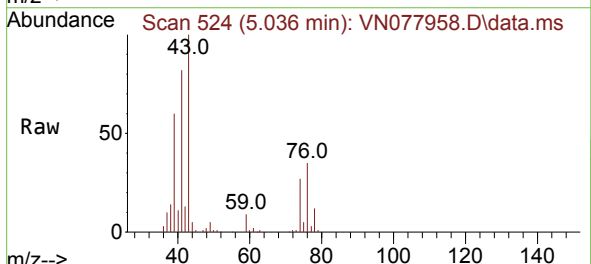
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

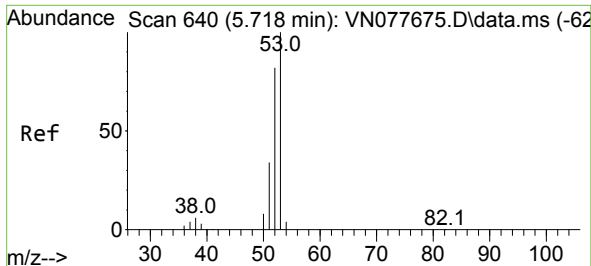
Tgt Ion: 56 Resp: 100777
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7



#14
Allyl chloride
Concen: 51.683 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 41 Resp: 325271
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 40.9 39.1 58.7

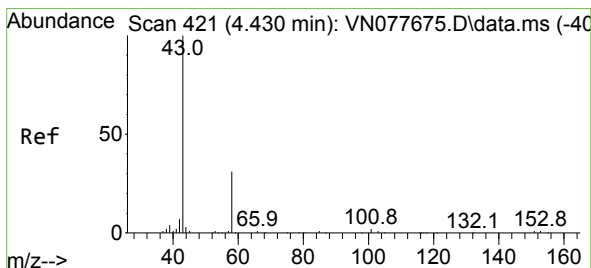
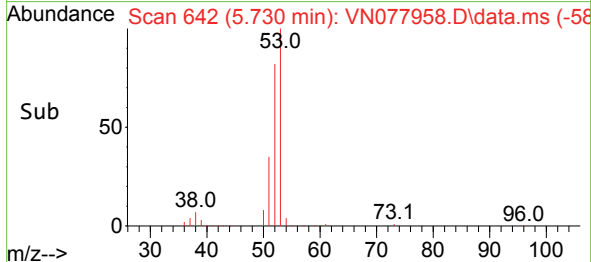
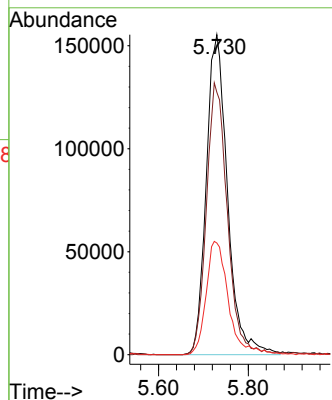
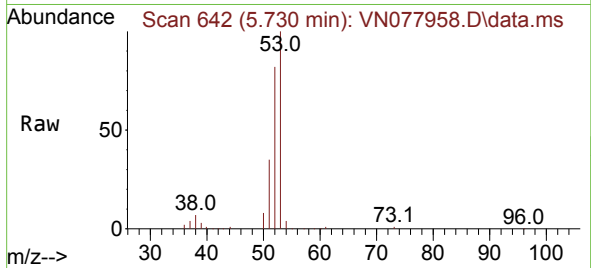




#15
Acrylonitrile
Concen: 227.747 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

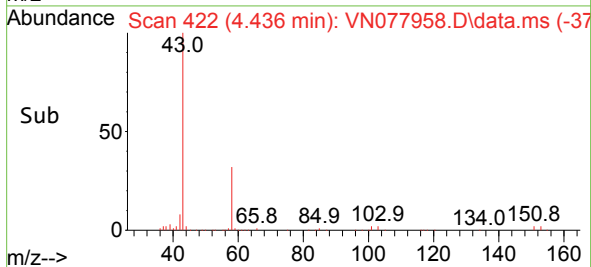
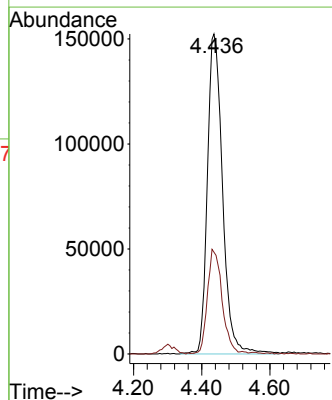
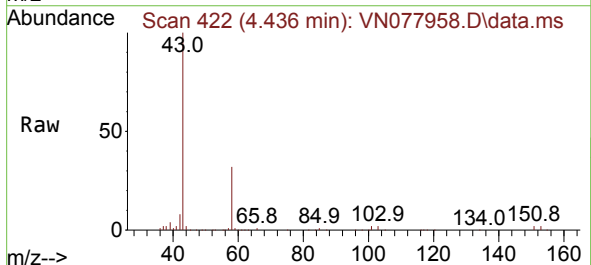
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

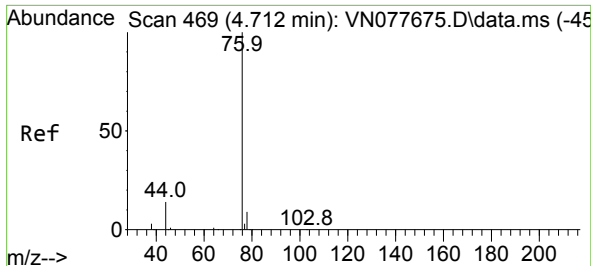
Tgt Ion: 53 Resp: 511779
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 245.990 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 43 Resp: 471673
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

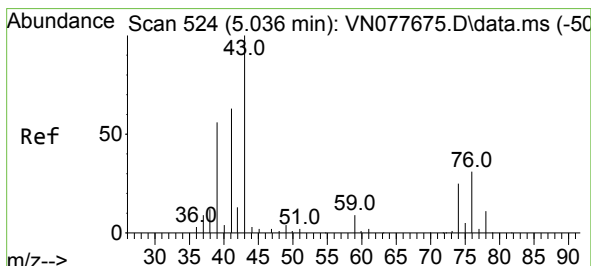
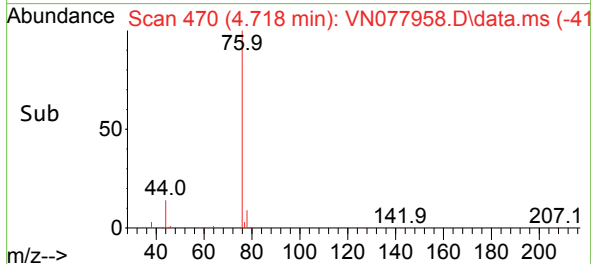
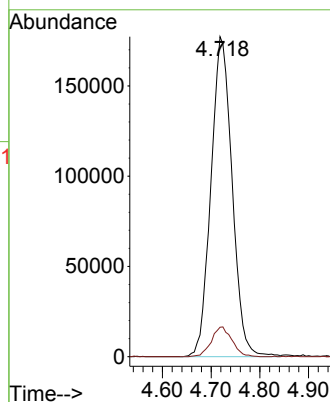
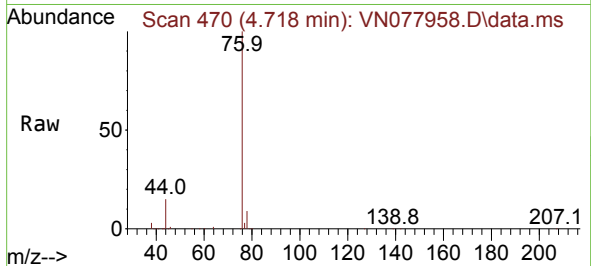




#17
Carbon Disulfide
Concen: 46.375 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

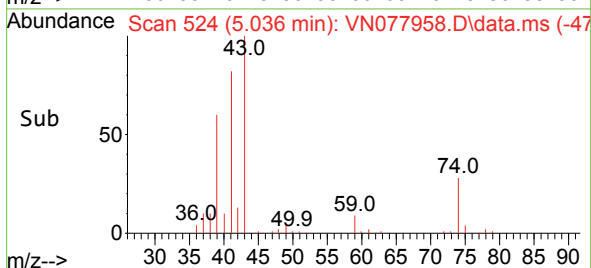
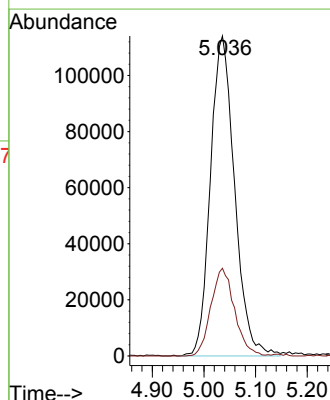
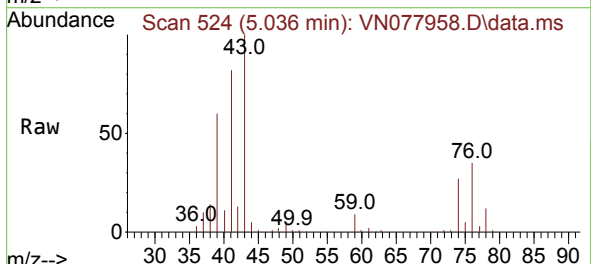
Instrument :
MSVOA_N
ClientSampleId :
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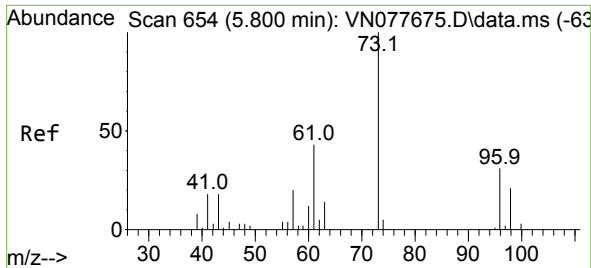
Tgt Ion: 76 Resp: 535317
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 46.063 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 43 Resp: 370530
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4

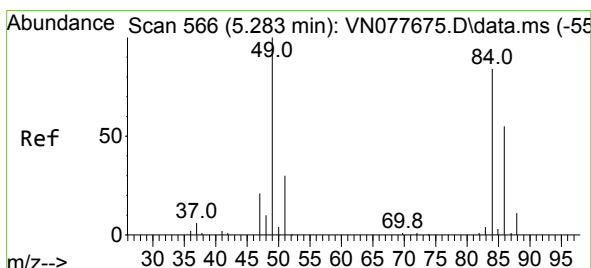
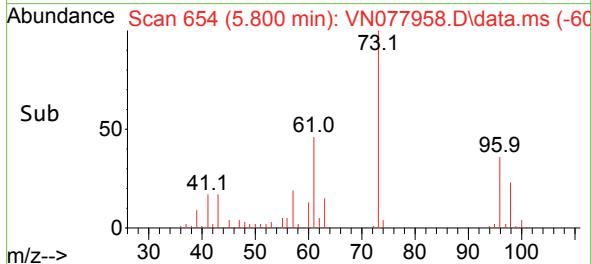
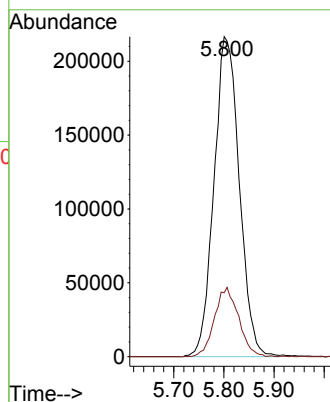
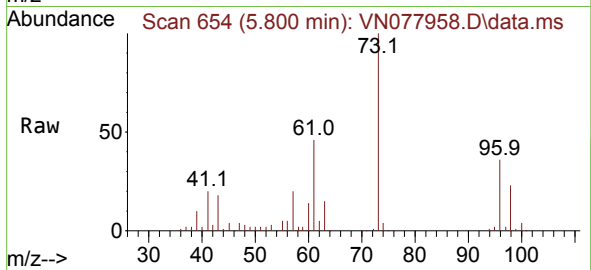




#19
Methyl tert-butyl Ether
Concen: 48.940 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

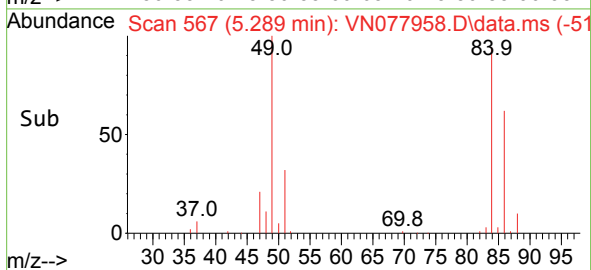
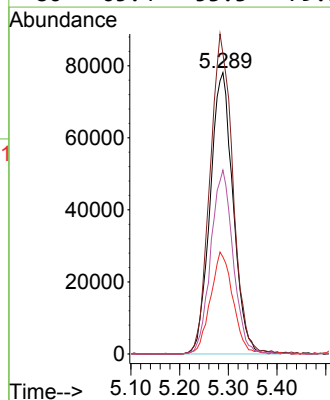
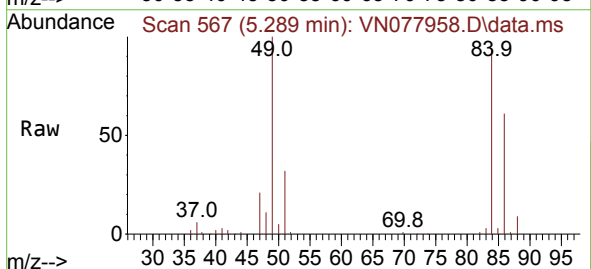
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

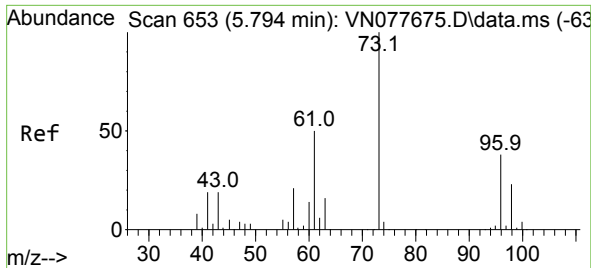
Tgt Ion: 73 Resp: 758907
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4



#20
Methylene Chloride
Concen: 51.359 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 84 Resp: 256049
Ion Ratio Lower Upper
84 100
49 106.7 79.7 119.5
51 34.5 25.2 37.8
86 65.4 53.3 79.9

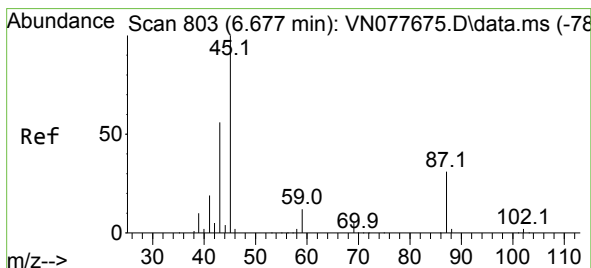
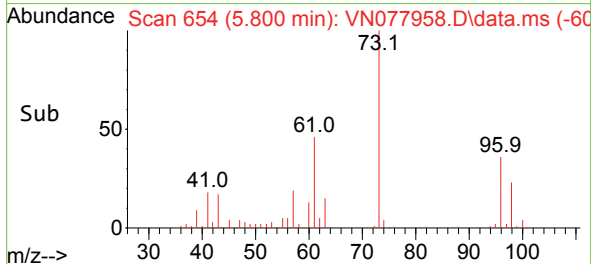
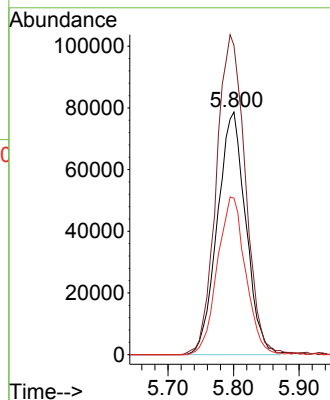
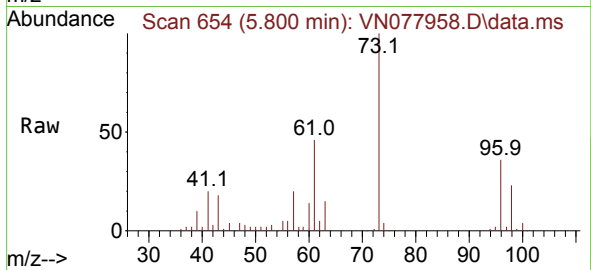




#21
trans-1,2-Dichloroethene
Concen: 49.150 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

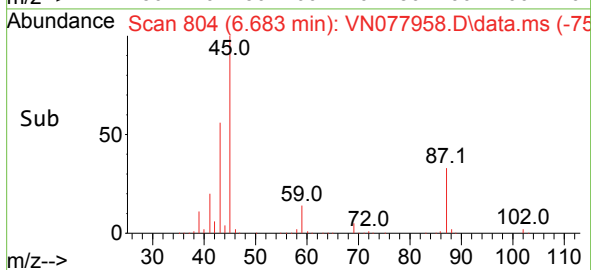
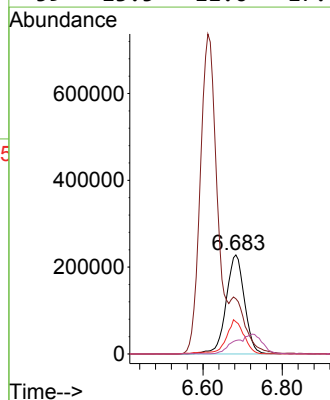
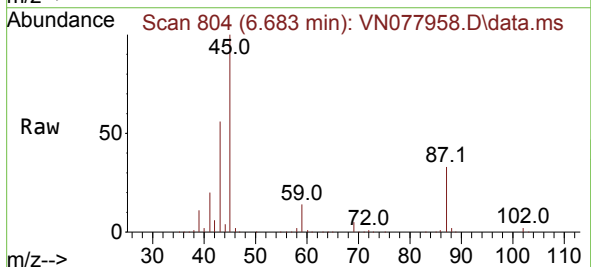
Instrument :
MSVOA_N
ClientSampleId :
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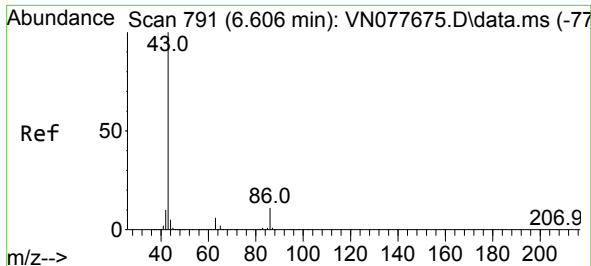
Tgt Ion: 96 Resp: 236529
Ion Ratio Lower Upper
96 100
61 127.4 90.1 135.1
98 64.5 46.4 69.6



#22
Diisopropyl ether
Concen: 49.695 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 45 Resp: 733095
Ion Ratio Lower Upper
45 100
43 55.6 45.5 68.3
87 32.5 31.8 47.8
59 13.5 11.6 17.4

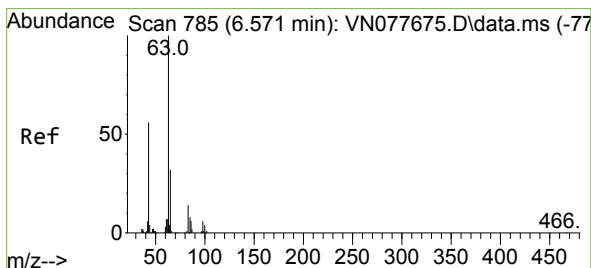
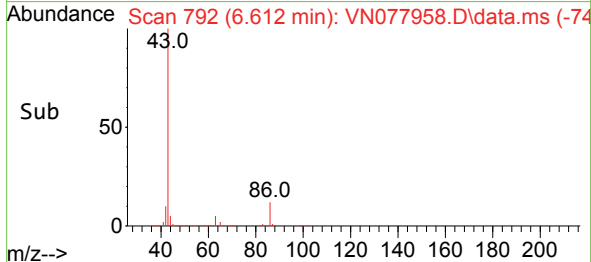
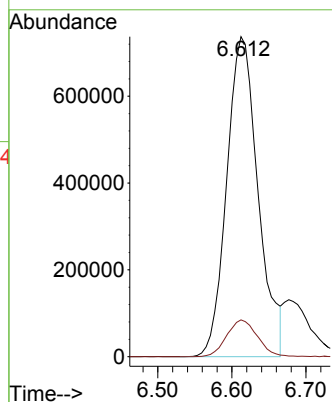
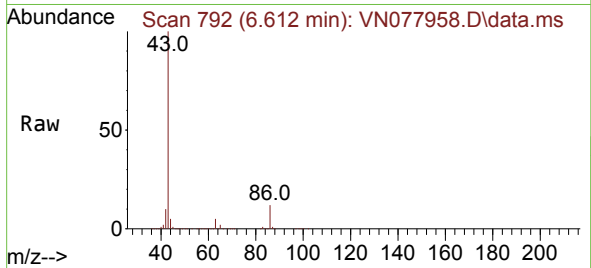




#23
 Vinyl Acetate
 Concen: 237.412 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

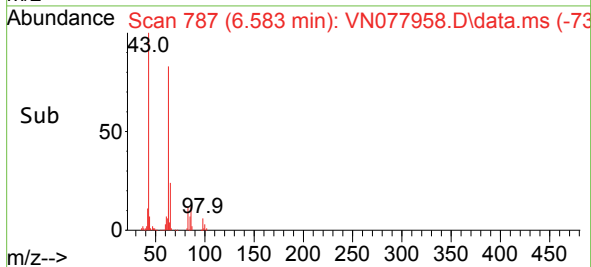
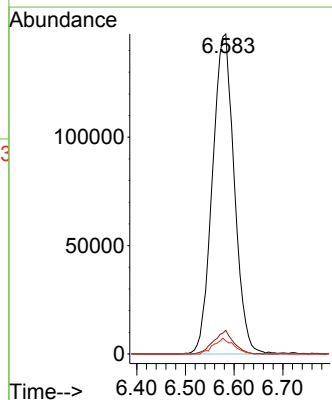
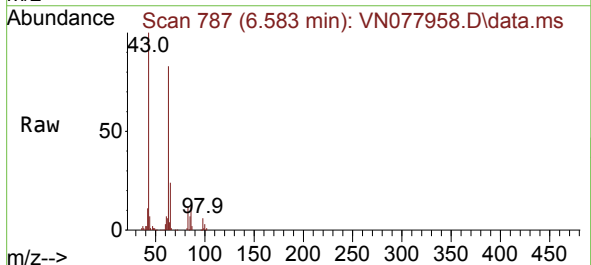
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

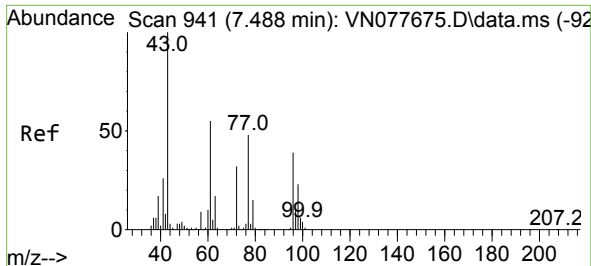
Tgt Ion: 43 Resp: 2169927
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.822 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

Tgt Ion: 63 Resp: 459308
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.1 2.5 7.4

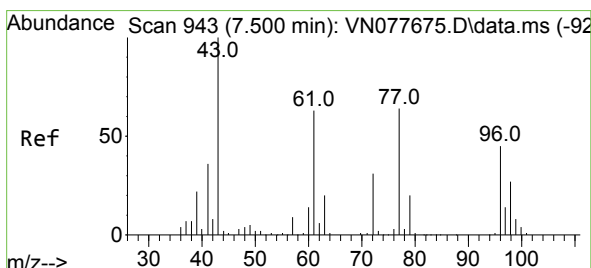
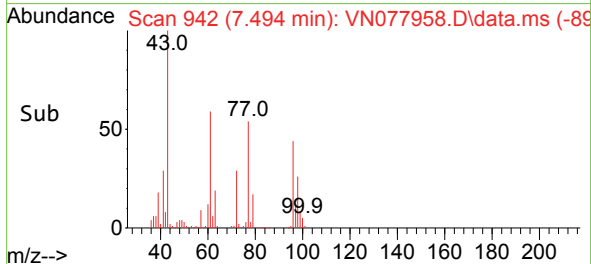
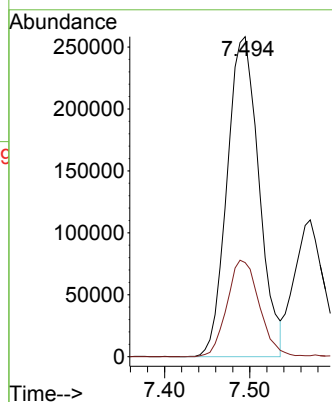
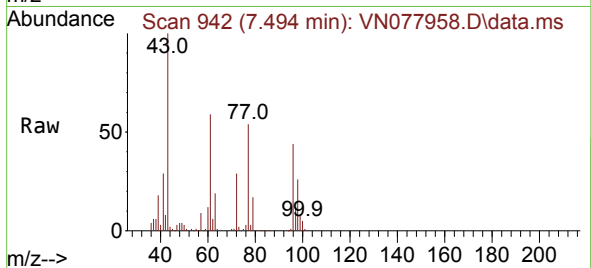




#25
2-Butanone
Concen: 224.166 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

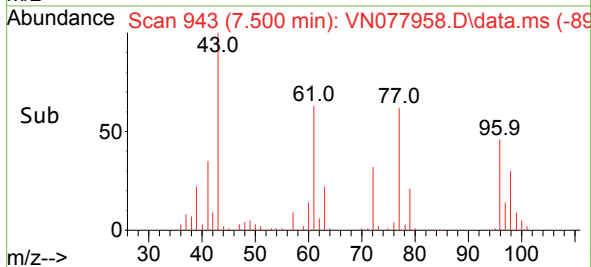
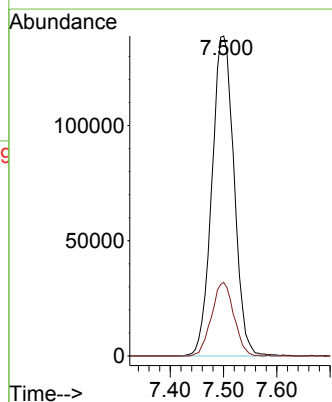
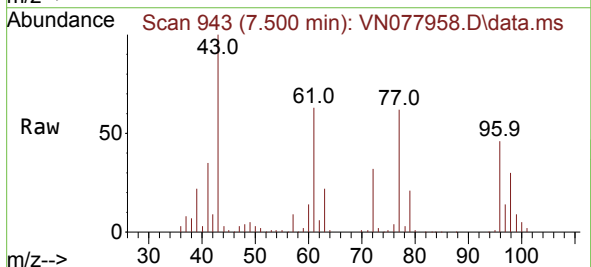
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

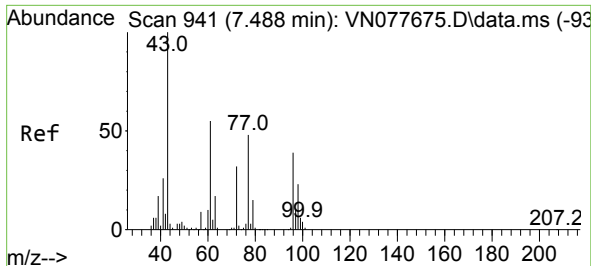
Tgt Ion: 43 Resp: 672378
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 77 Resp: 400201
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.816 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

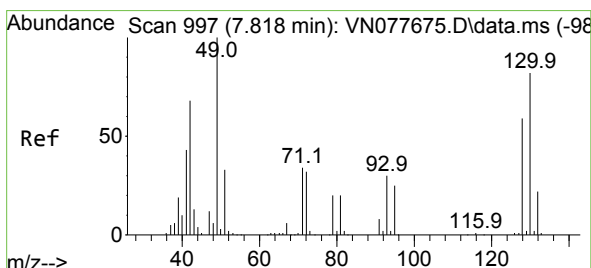
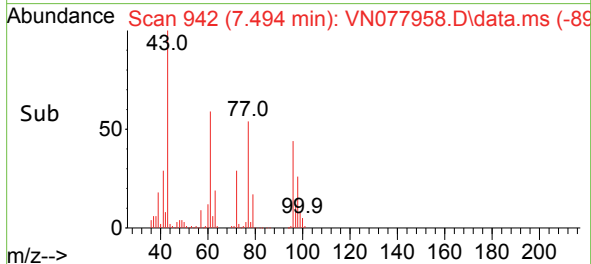
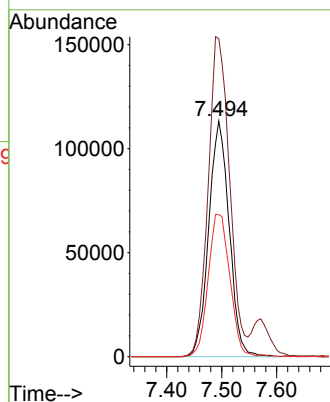
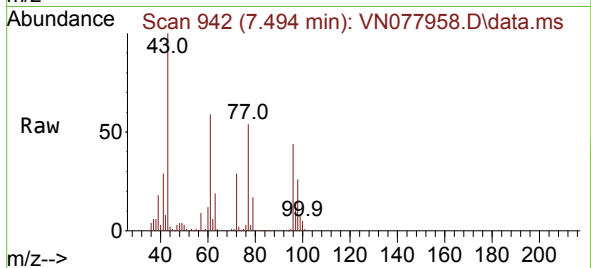
Tgt Ion: 96 Resp: 293218

Ion Ratio Lower Upper

96 100

61 142.3 0.0 255.2

98 63.7 0.0 128.8



#28

Bromochloromethane

Concen: 49.172 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

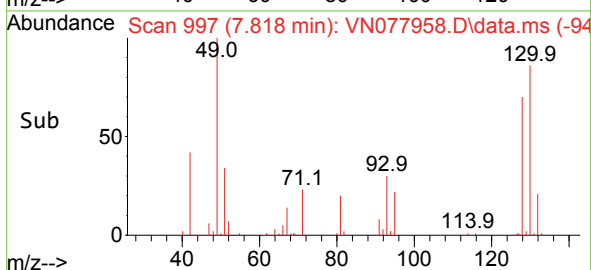
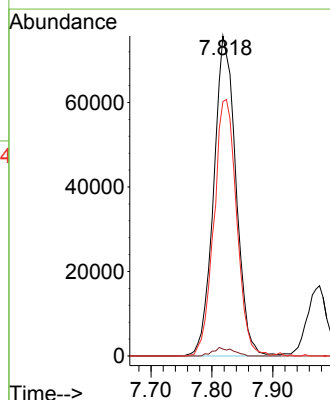
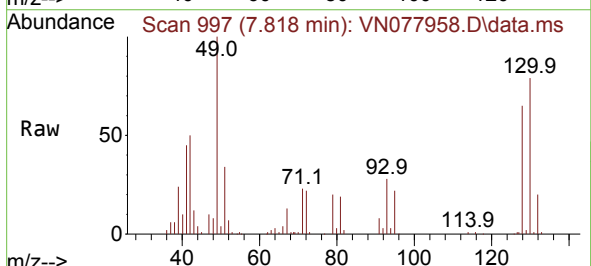
Tgt Ion: 49 Resp: 192193

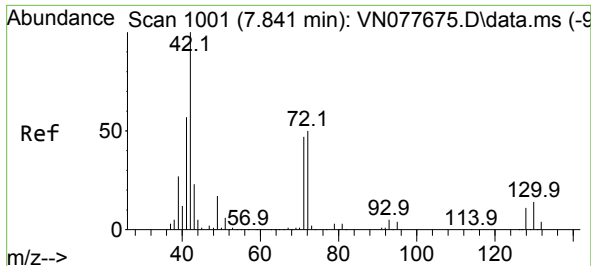
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 81.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 218.176 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

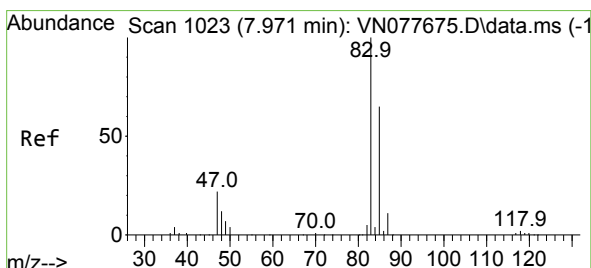
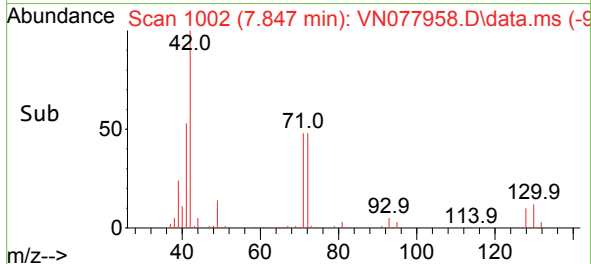
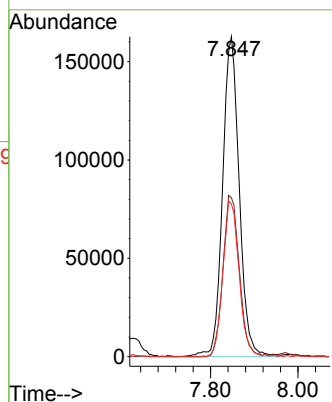
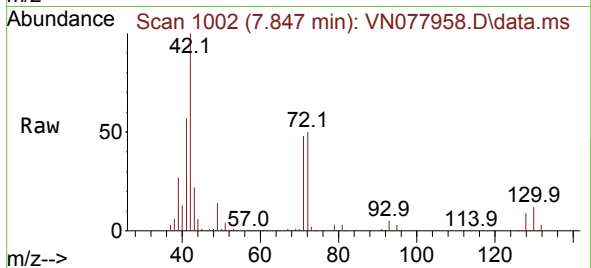
Tgt Ion: 42 Resp: 428503

Ion Ratio Lower Upper

42 100

72 49.5 49.8 74.6#

71 47.0 47.4 71.2#



#30

Chloroform

Concen: 49.656 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077958.D

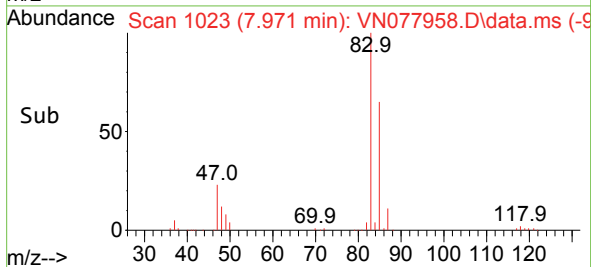
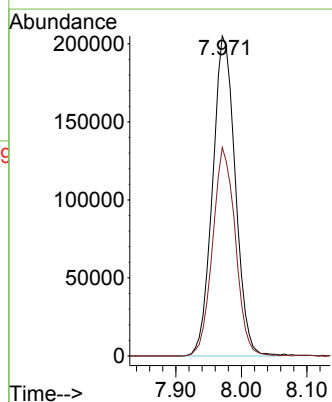
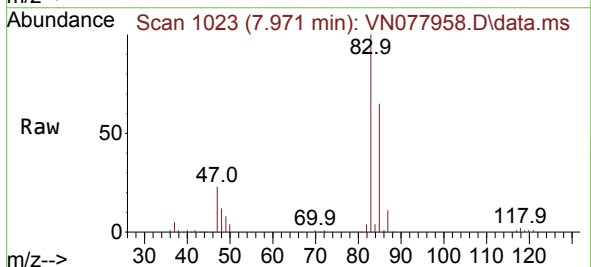
Acq: 30 May 2023 10:14

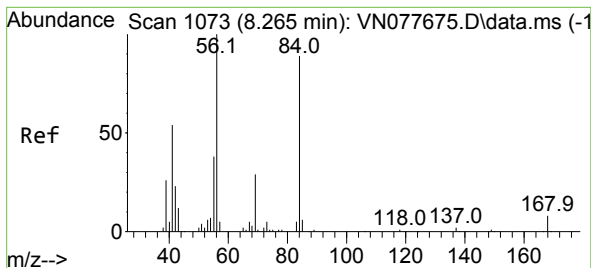
Tgt Ion: 83 Resp: 493662

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0





#31

Cyclohexane

Concen: 45.086 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

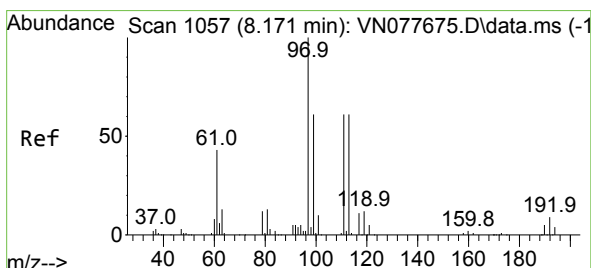
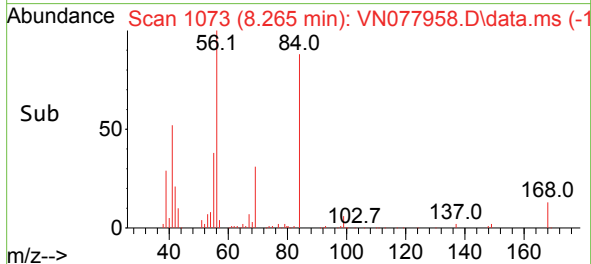
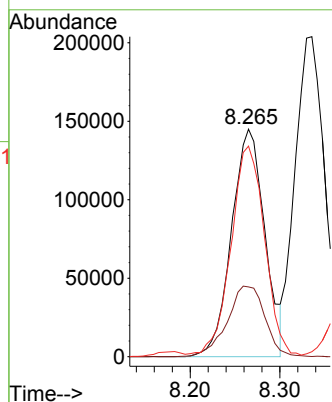
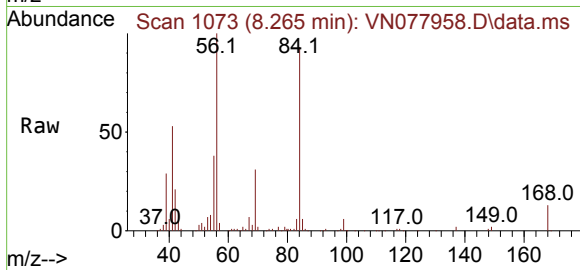
Tgt Ion: 56 Resp: 373468

Ion Ratio Lower Upper

56 100

69 30.5 26.8 40.2

84 90.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 52.066 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

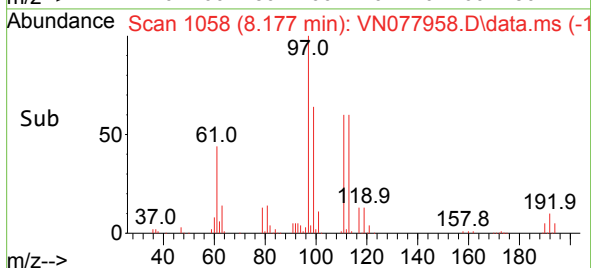
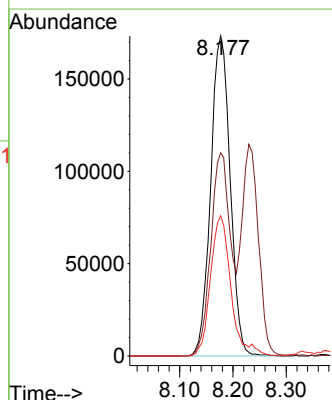
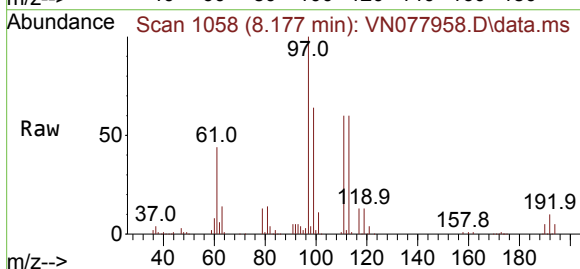
Tgt Ion: 97 Resp: 440079

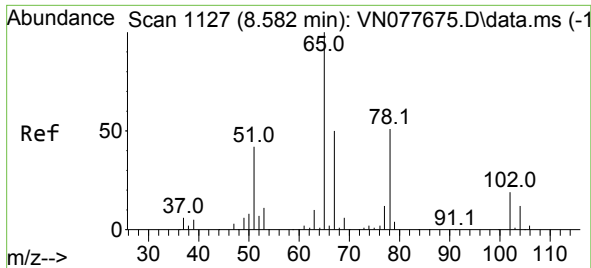
Ion Ratio Lower Upper

97 100

99 64.8 50.3 75.5

61 45.9 34.7 52.1

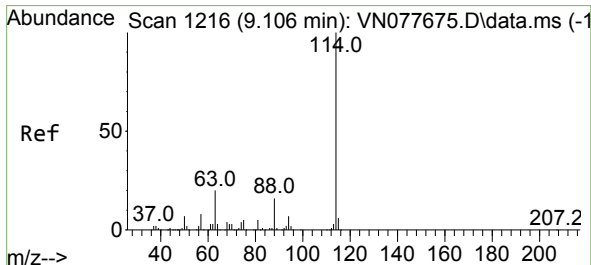
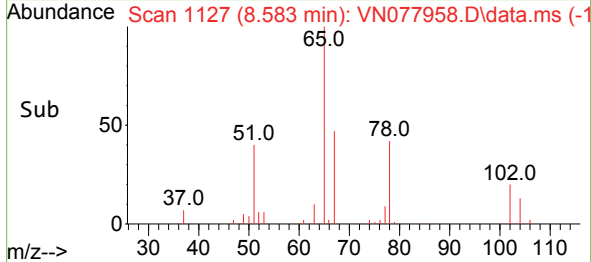
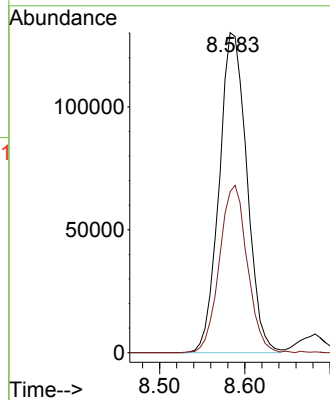
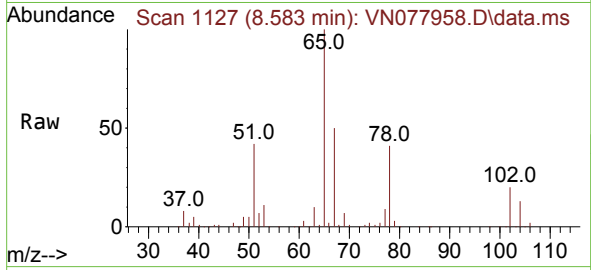




#33
 1,2-Dichloroethane-d4
 Concen: 48.227 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

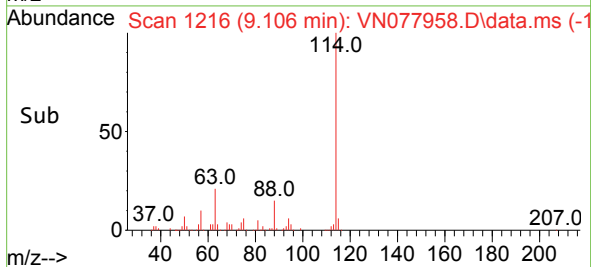
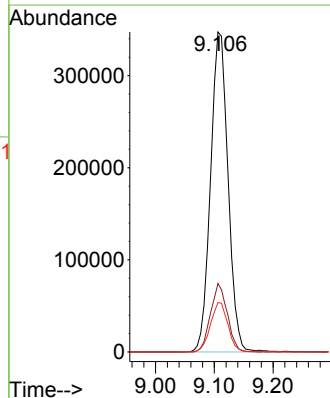
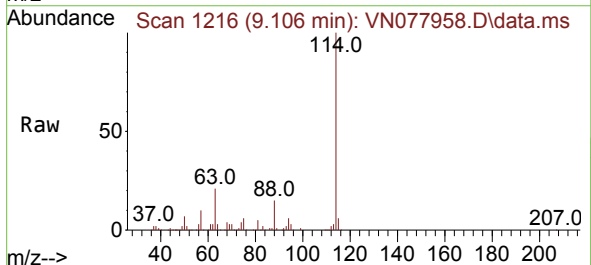
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

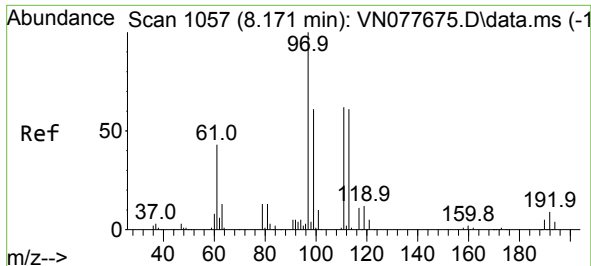
Tgt Ion: 65 Resp: 293922
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

Tgt Ion: 114 Resp: 717402
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 36.4
 88 15.4 0.0 30.6

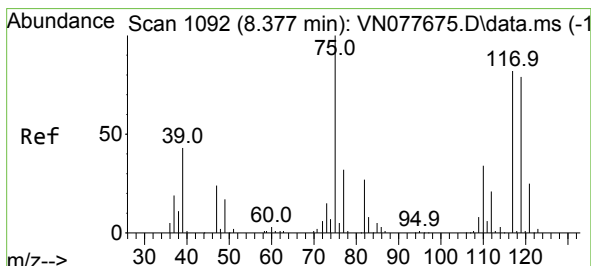
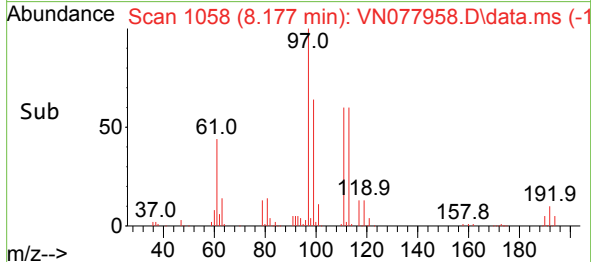
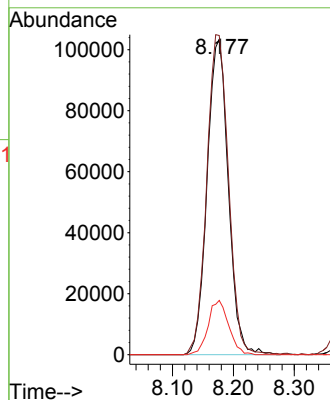
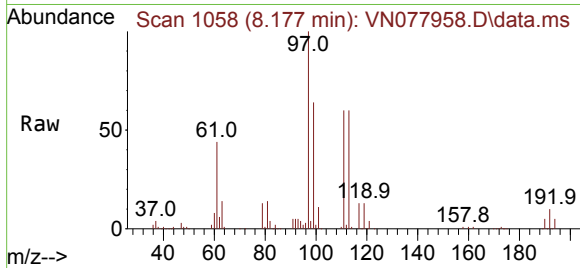




#35
Dibromofluoromethane
Concen: 53.299 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

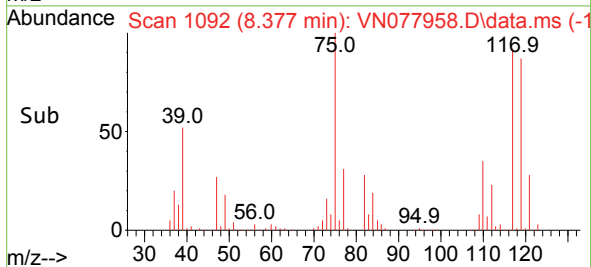
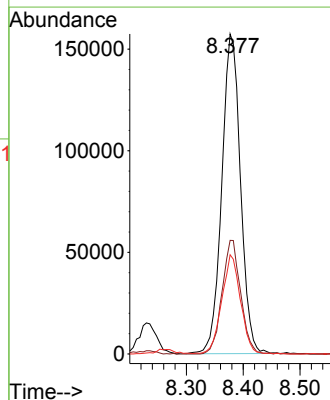
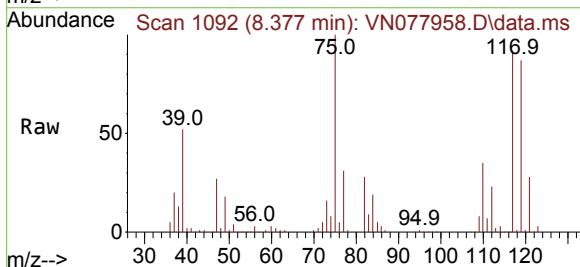
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

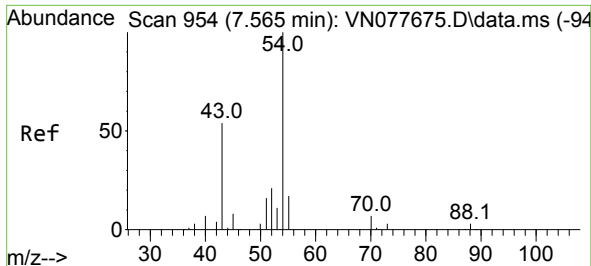
Tgt Ion:113 Resp: 249339
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 16.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 52.667 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 75 Resp: 360374
Ion Ratio Lower Upper
75 100
110 35.2 19.1 57.3
77 31.2 25.0 37.4

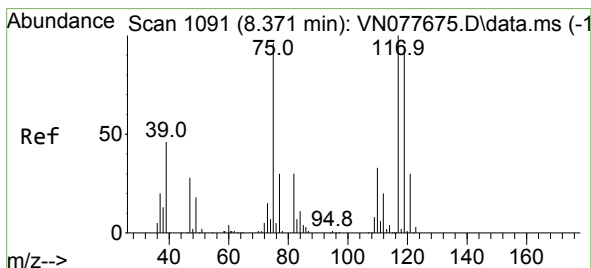
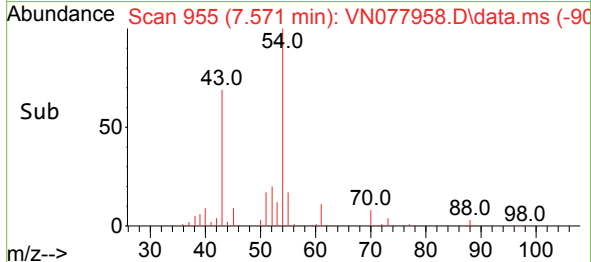
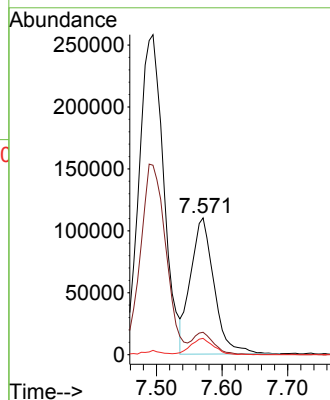
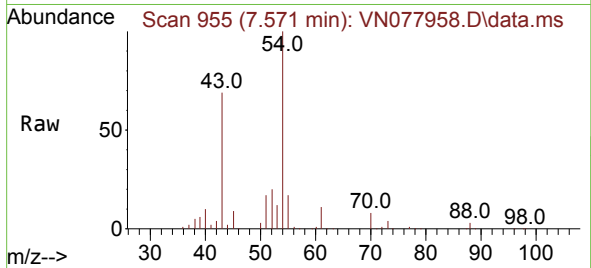




#37
Ethyl Acetate
Concen: 44.911 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

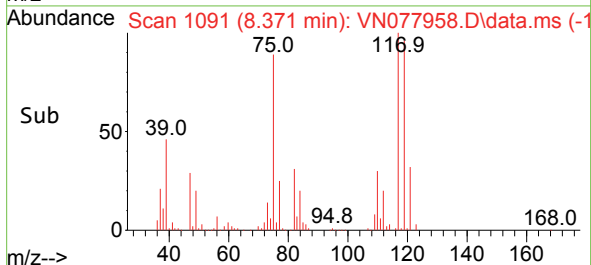
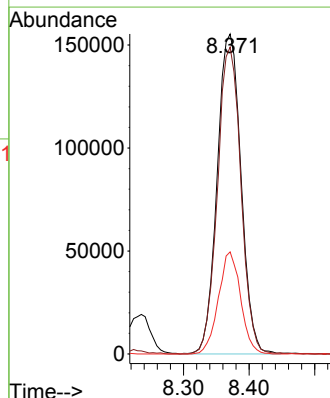
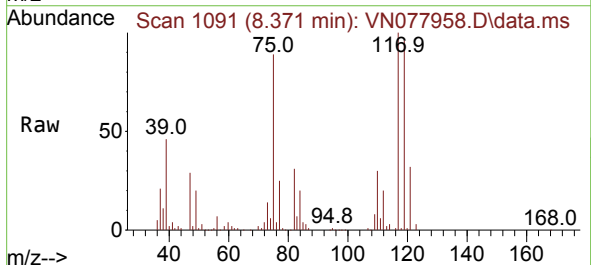
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

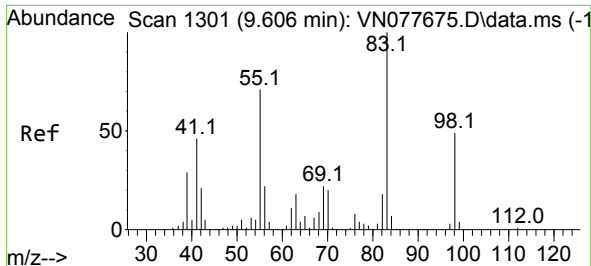
Tgt Ion: 43 Resp: 273900
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 56.762 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 117 Resp: 392196
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9
121 31.9 23.3 34.9

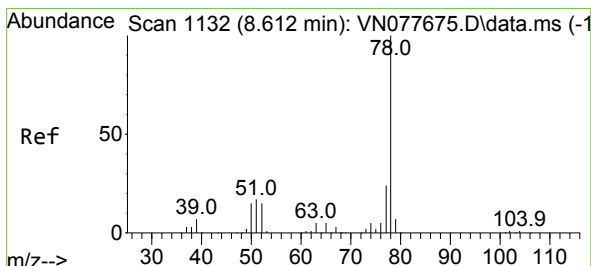
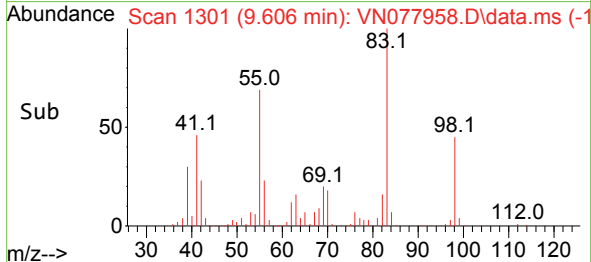
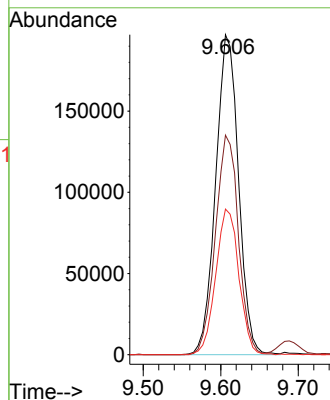
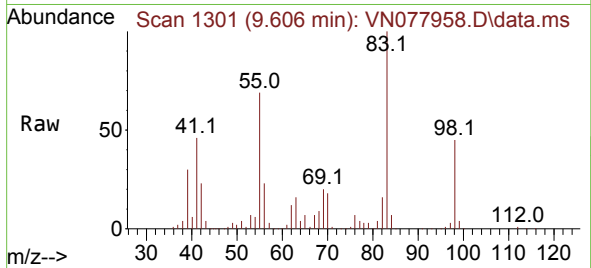




#39
Methylcyclohexane
Concen: 48.333 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

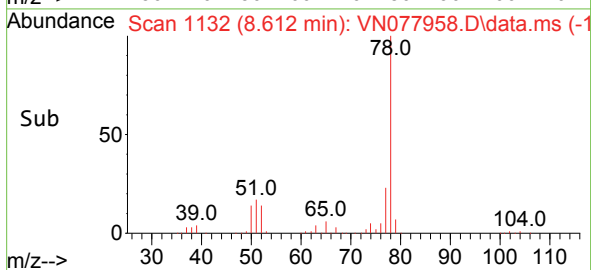
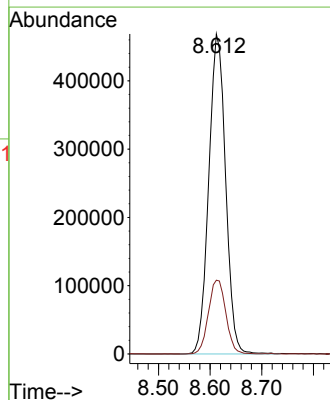
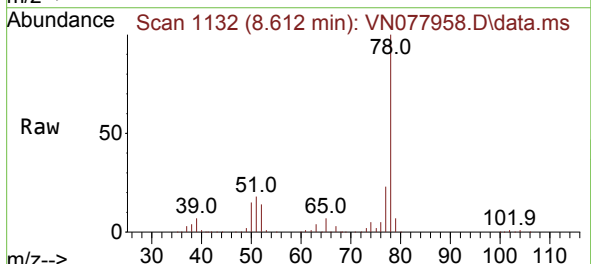
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

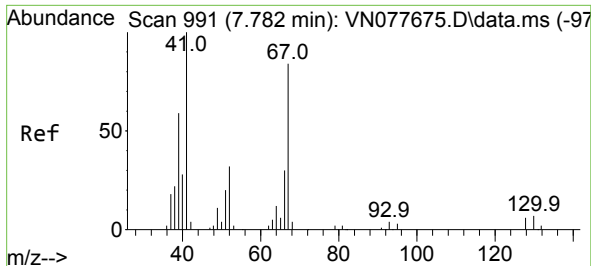
Tgt Ion: 83 Resp: 404879
Ion Ratio Lower Upper
83 100
55 68.6 49.1 73.7
98 45.5 40.6 61.0



#40
Benzene
Concen: 52.527 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 78 Resp: 1060608
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



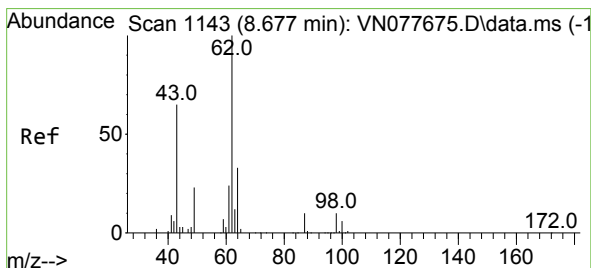
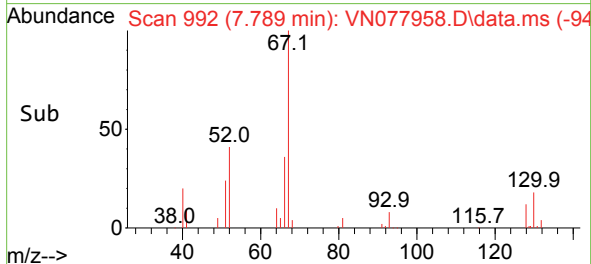
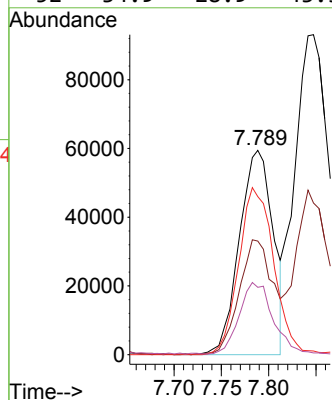
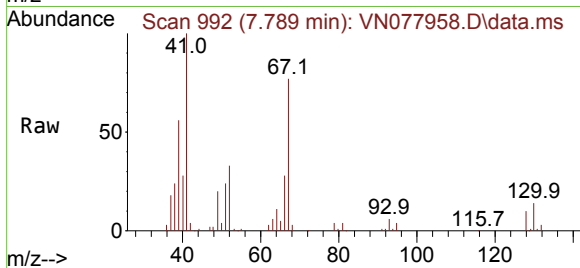


#41
Methacrylonitrile
Concen: 45.312 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.007 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 147170

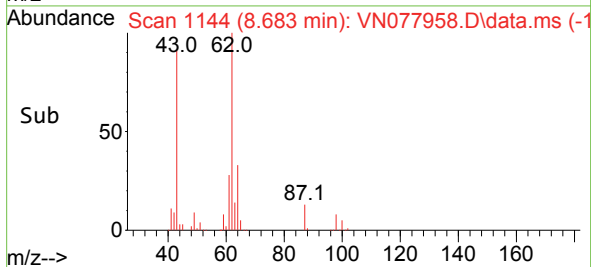
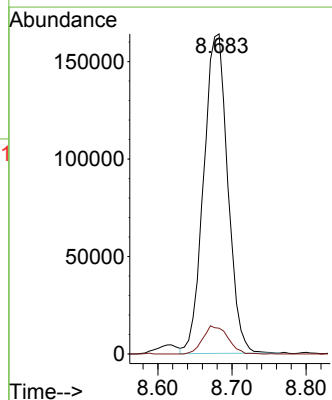
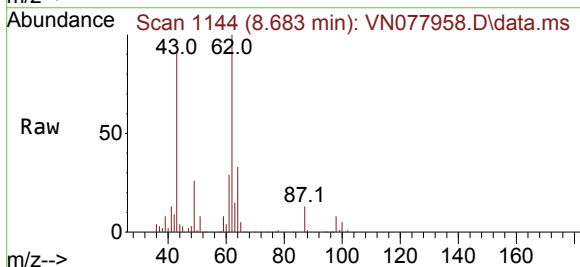
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.6	64.0
67	85.6	77.5	116.3
52	34.9	28.9	43.3

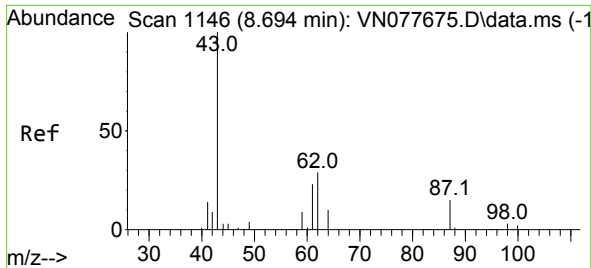


#42
1,2-Dichloroethane
Concen: 50.437 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 62 Resp: 369945

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.8

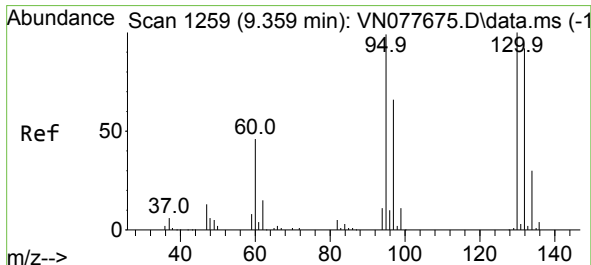
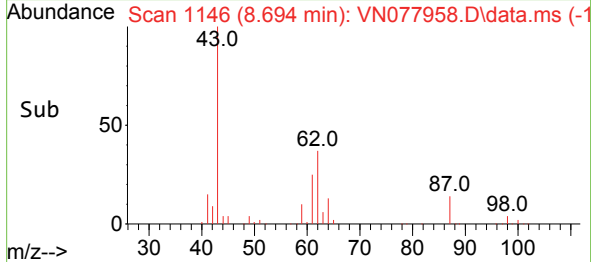
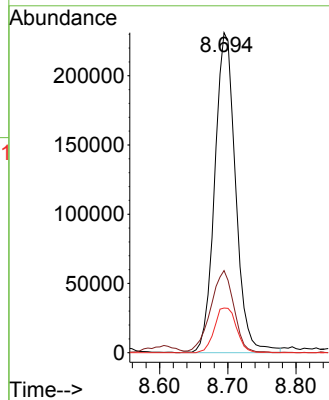
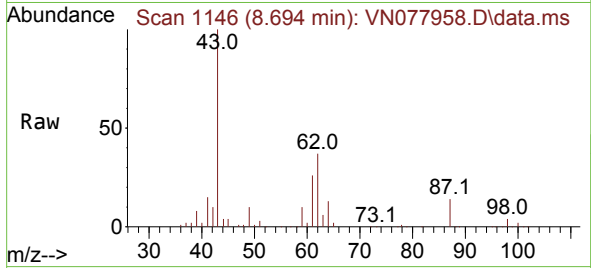




#43
Isopropyl Acetate
Concen: 49.527 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

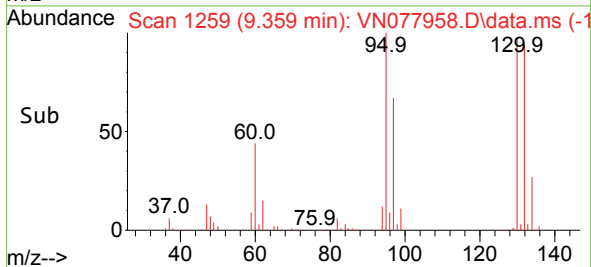
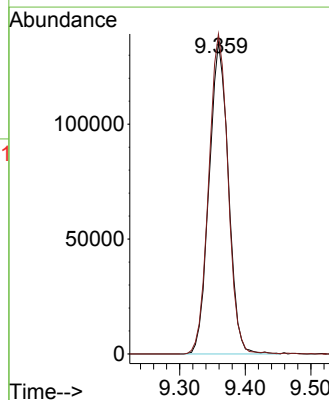
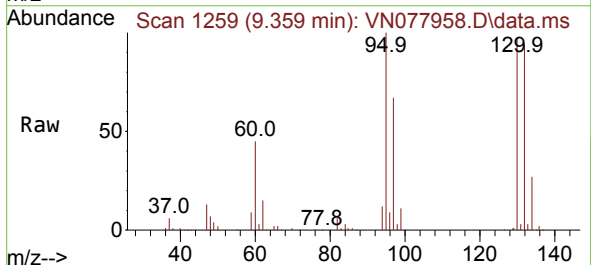
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

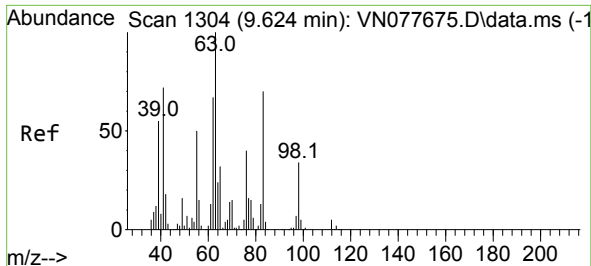
Tgt Ion: 43 Resp: 493369
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 14.7 14.6 21.8



#44
Trichloroethene
Concen: 54.244 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:130 Resp: 277335
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.576 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

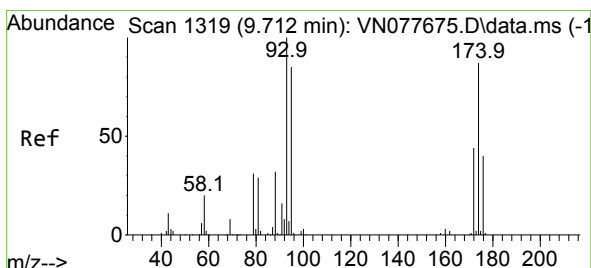
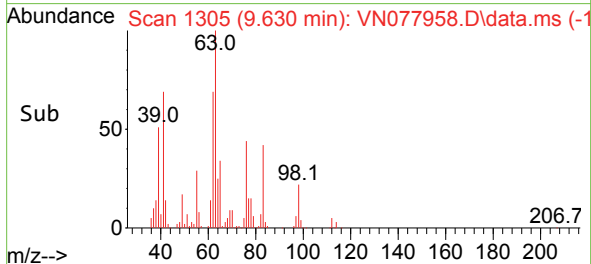
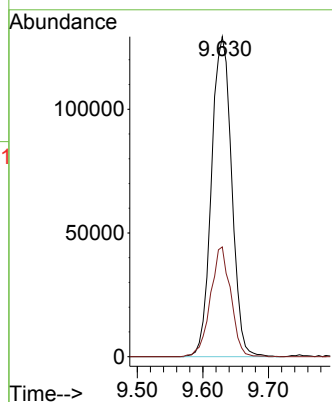
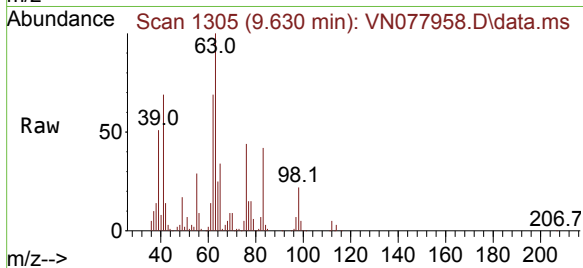
VSTDCCC050

Tgt Ion: 63 Resp: 275938

Ion Ratio Lower Upper

63 100

65 34.3 23.9 35.9



#46

Dibromomethane

Concen: 51.815 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

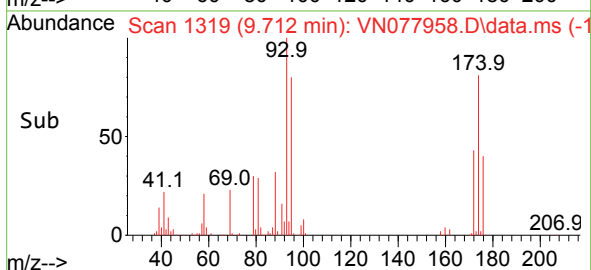
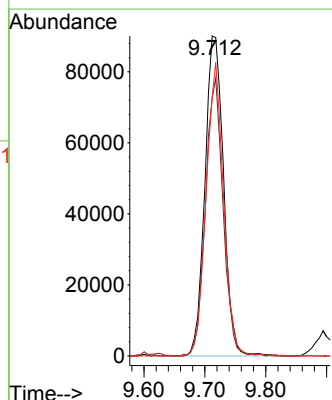
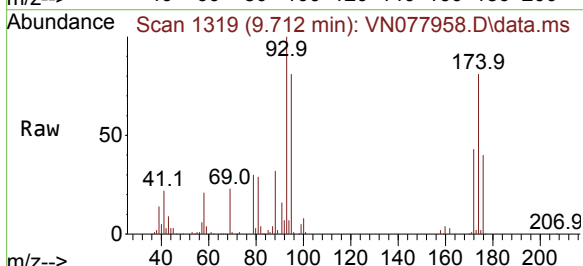
Tgt Ion: 93 Resp: 190960

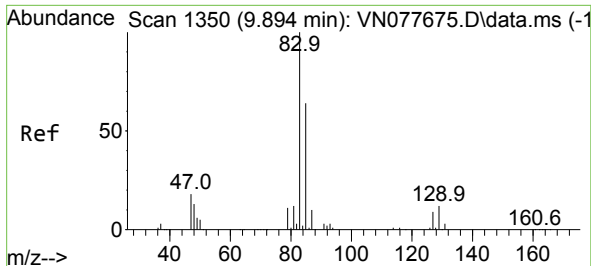
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

174 86.1 65.6 98.4

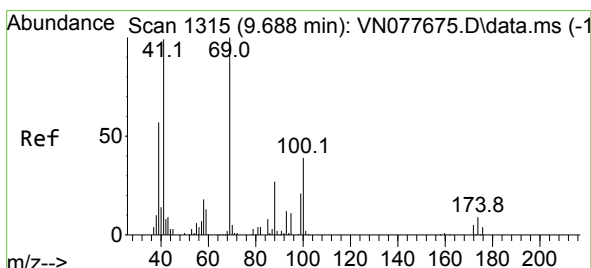
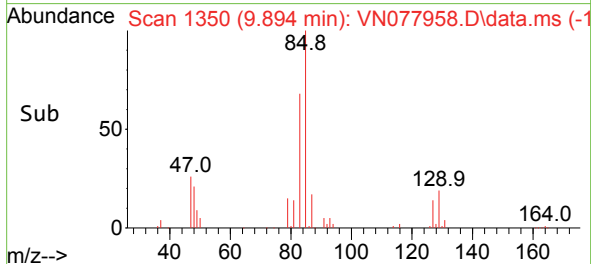
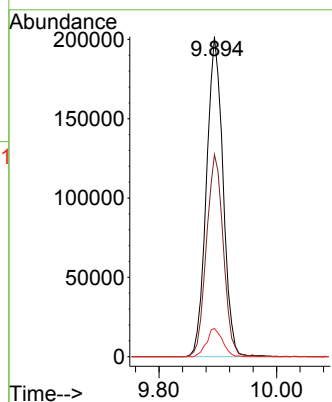
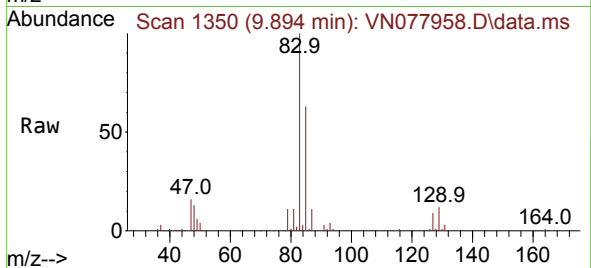




#47
Bromodichloromethane
Concen: 55.683 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

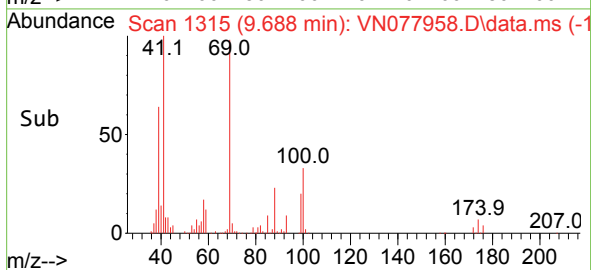
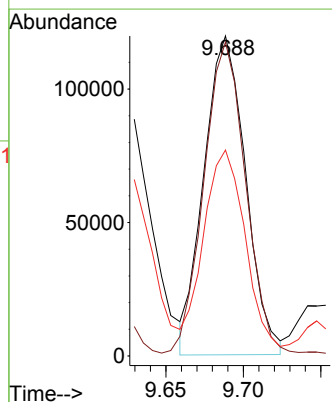
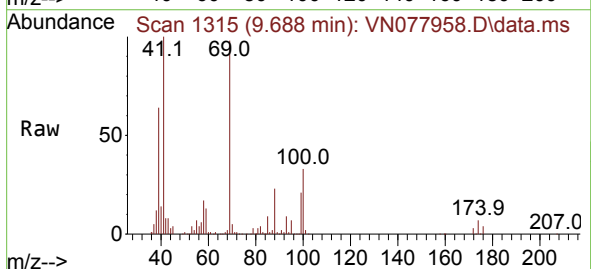
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

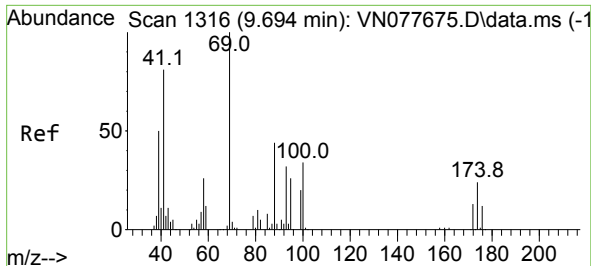
Tgt Ion: 83 Resp: 392888
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 47.346 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 41 Resp: 223614
Ion Ratio Lower Upper
41 100
69 99.3 90.4 135.6
39 65.5 54.6 81.8

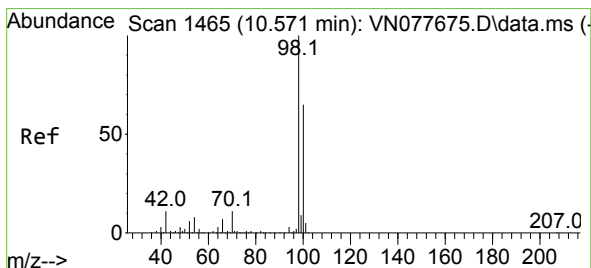
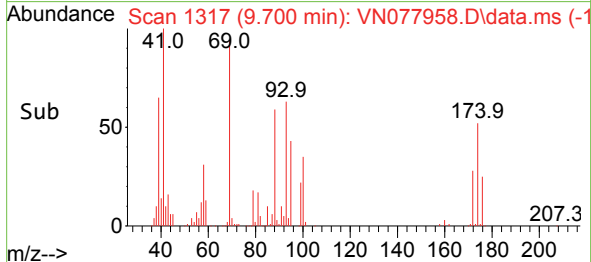
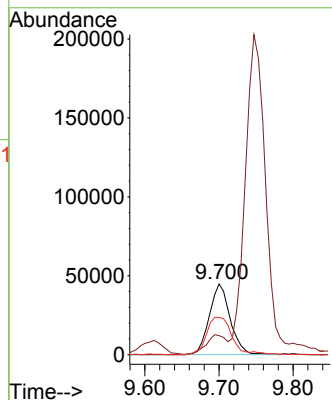
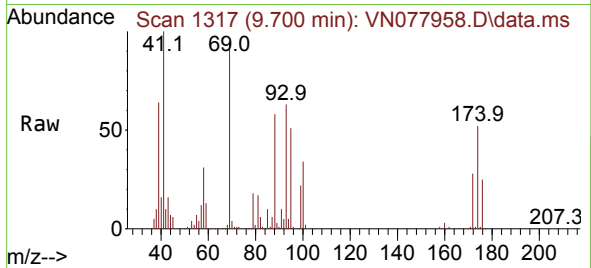




#49
1,4-Dioxane
Concen: 981.851 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

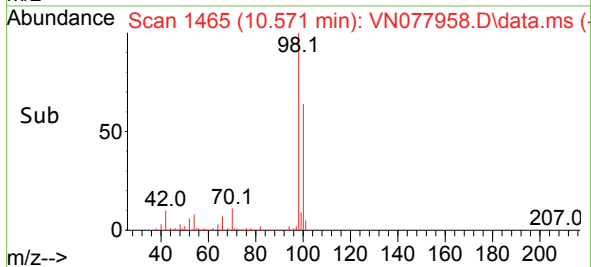
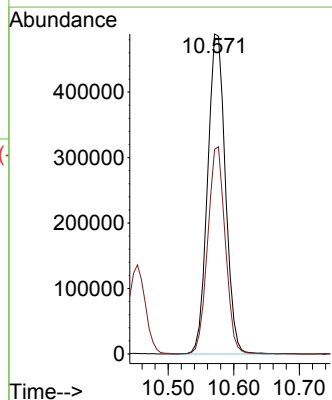
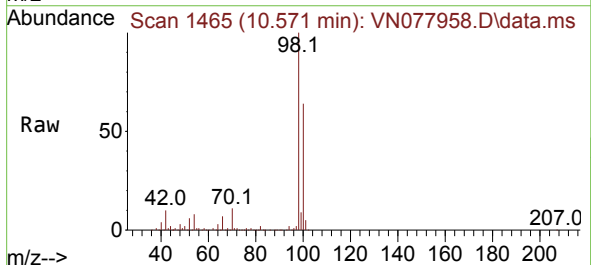
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

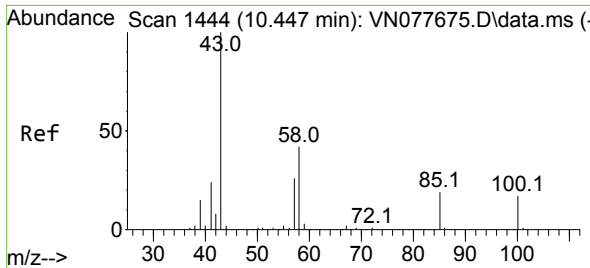
Tgt Ion: 88 Resp: 87586
Ion Ratio Lower Upper
88 100
43 26.6 17.0 25.6#
58 64.6 47.0 70.4



#50
Toluene-d8
Concen: 51.132 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 98 Resp: 920707
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

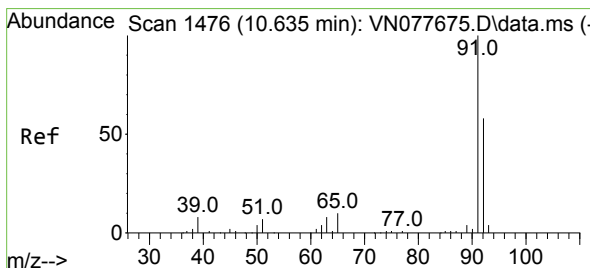
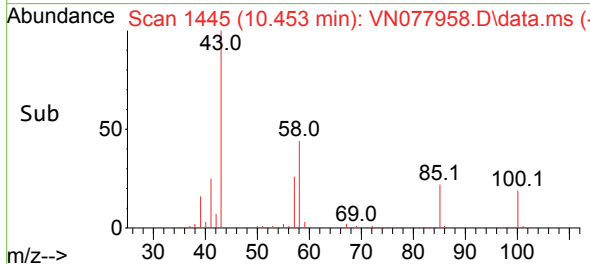
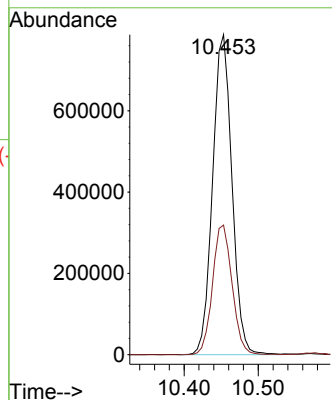
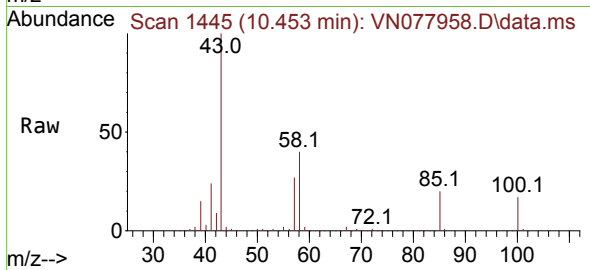




#51
4-Methyl-2-Pentanone
Concen: 240.570 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

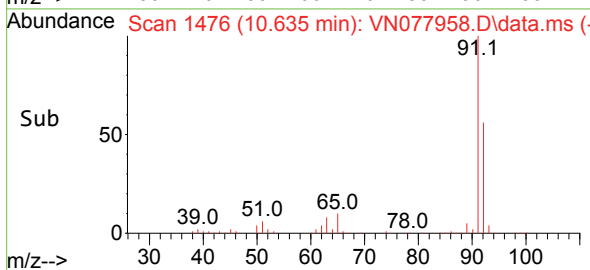
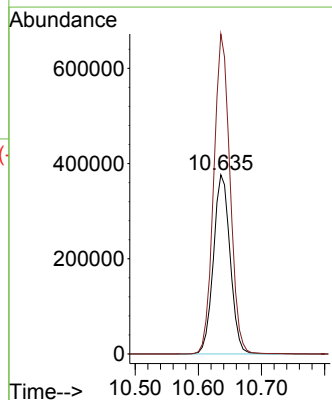
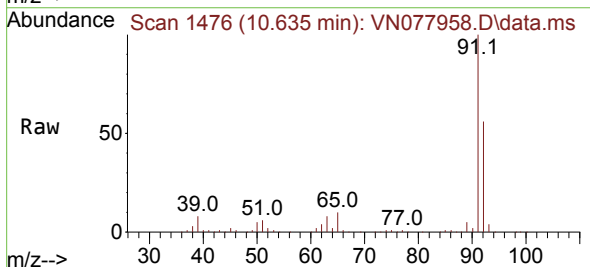
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

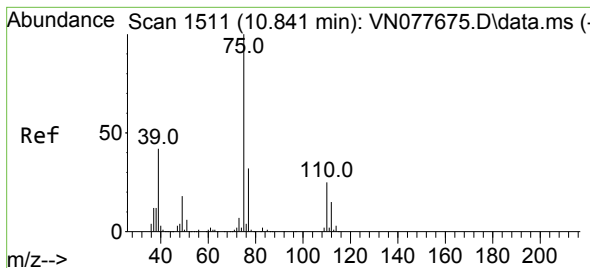
Tgt Ion: 43 Resp: 1424494
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8



#52
Toluene
Concen: 55.040 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 92 Resp: 691873
Ion Ratio Lower Upper
92 100
91 174.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 55.570 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

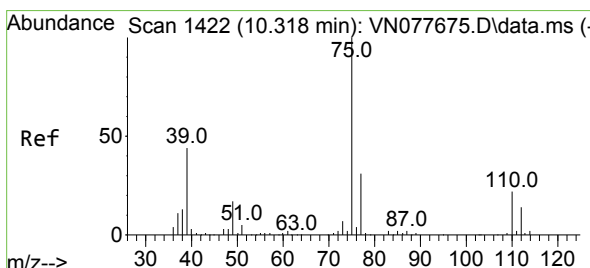
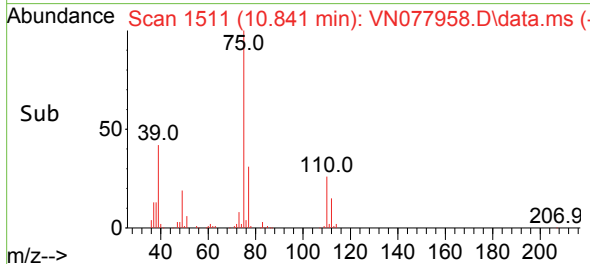
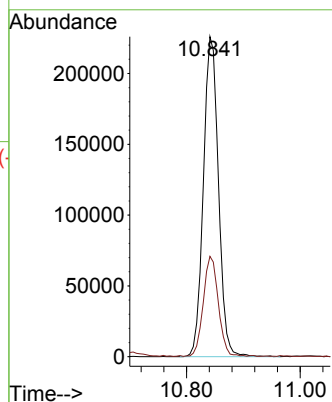
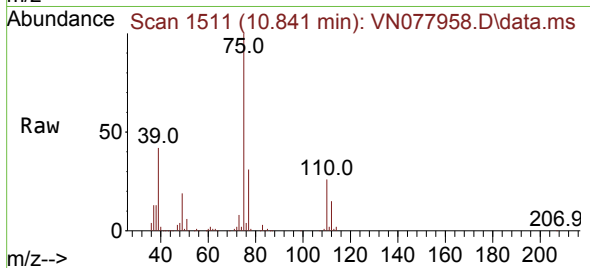
VSTDCCC050

Tgt Ion: 75 Resp: 415211

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 55.144 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

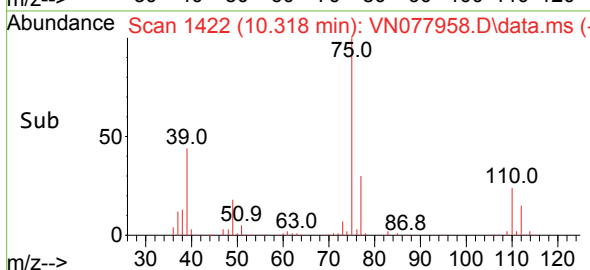
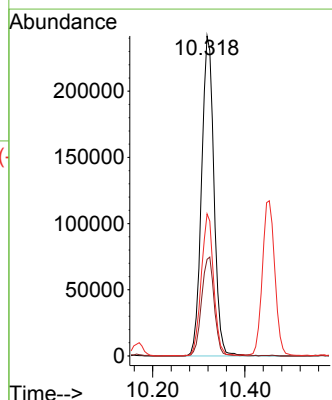
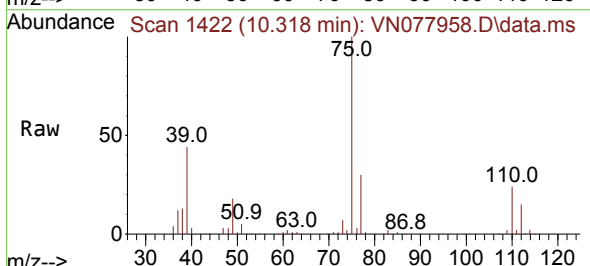
Tgt Ion: 75 Resp: 454055

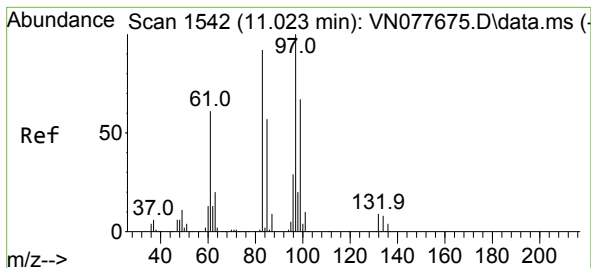
Ion Ratio Lower Upper

75 100

77 30.2 26.1 39.1

39 44.3 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 52.138 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 260234

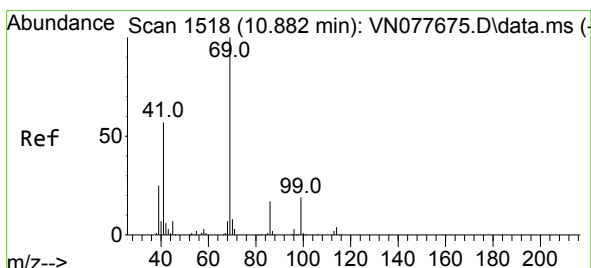
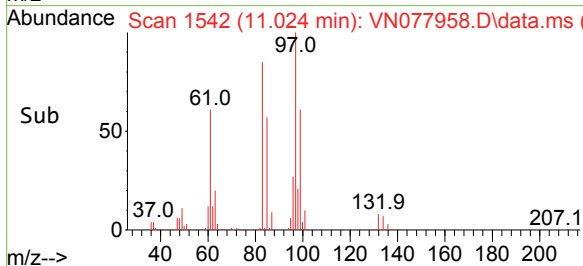
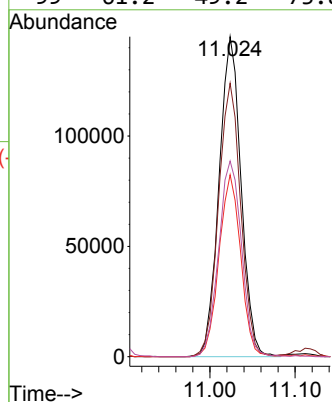
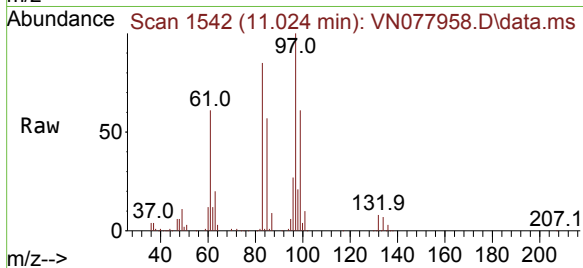
Ion Ratio Lower Upper

97 100

83 85.5 65.1 97.7

85 56.8 43.4 65.2

99 61.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 51.858 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

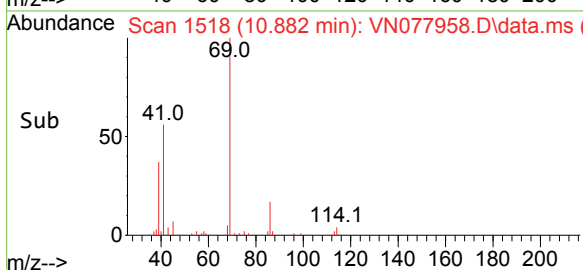
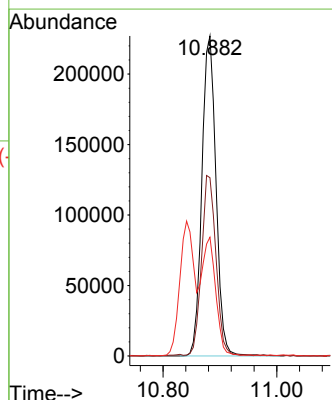
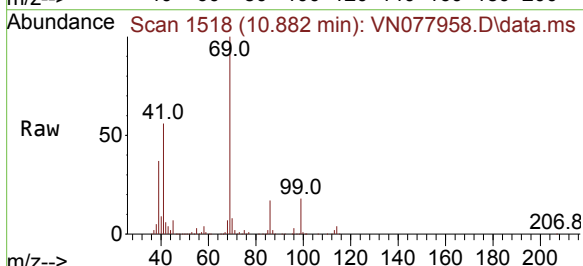
Tgt Ion: 69 Resp: 391360

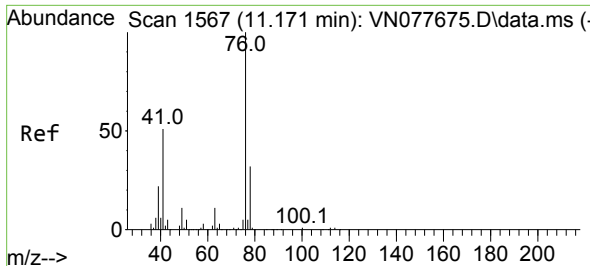
Ion Ratio Lower Upper

69 100

41 57.1 39.6 59.4

39 37.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.596 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

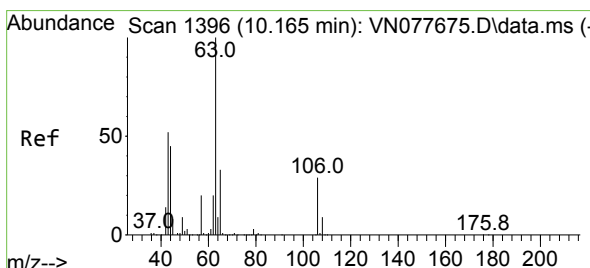
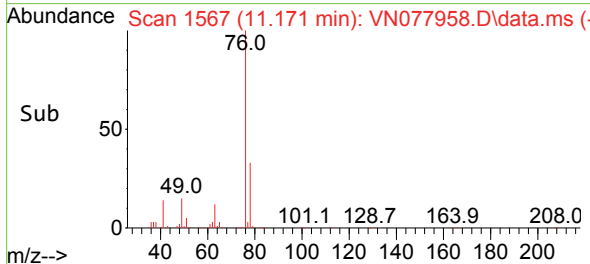
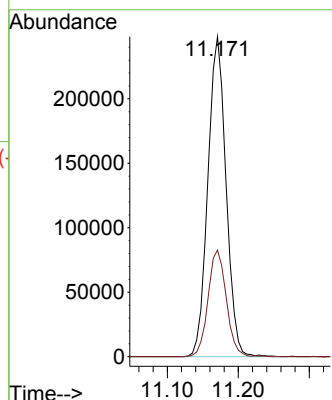
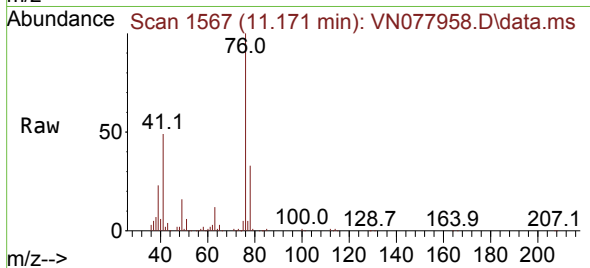
VSTDCCC050

Tgt Ion: 76 Resp: 441486

Ion Ratio Lower Upper

76 100

78 33.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 211.468 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077958.D

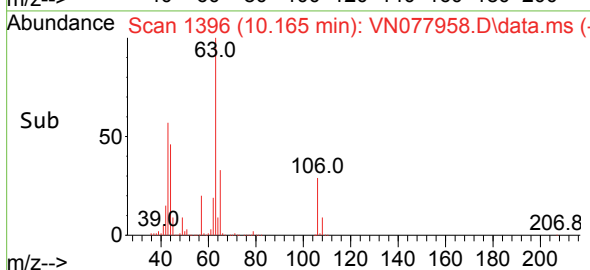
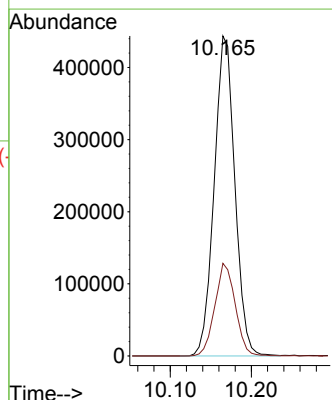
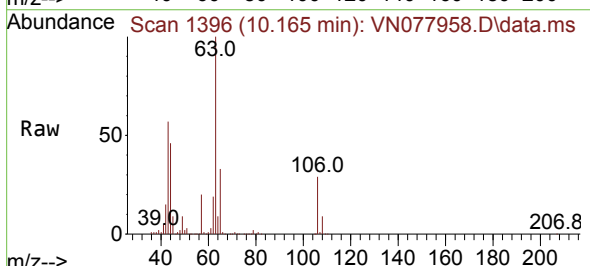
Acq: 30 May 2023 10:14

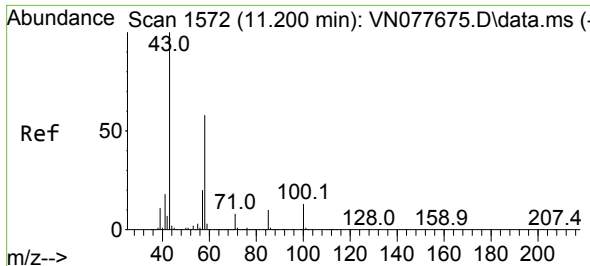
Tgt Ion: 63 Resp: 785114

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4

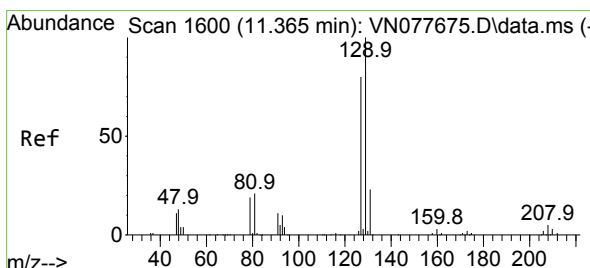
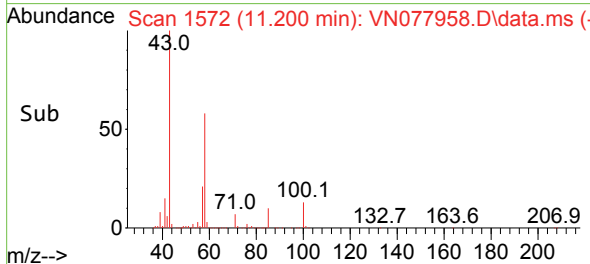
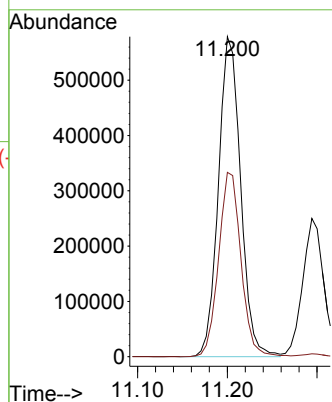
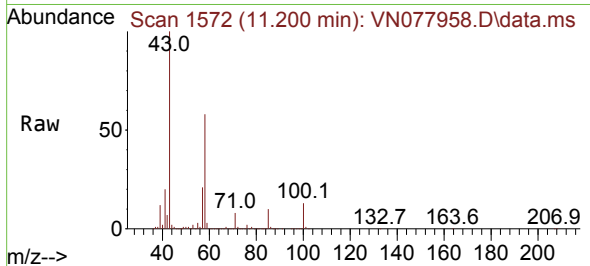




#59
2-Hexanone
Concen: 227.162 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

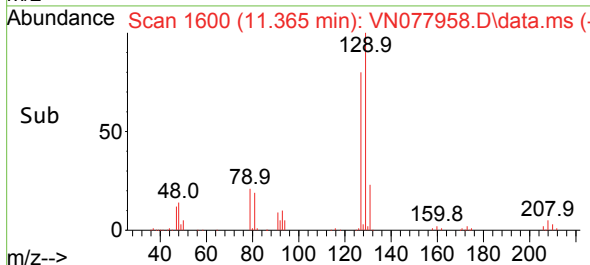
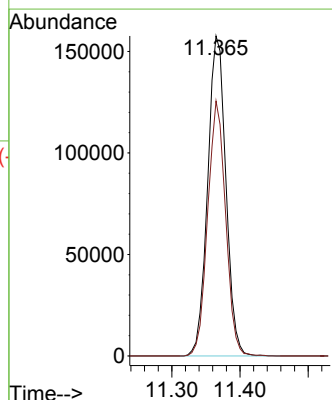
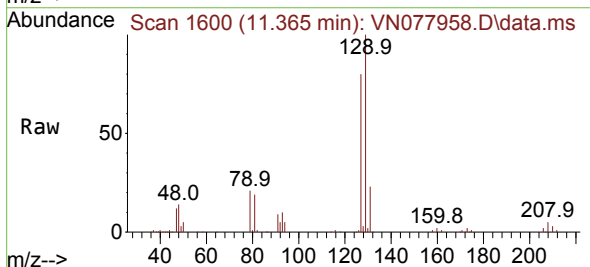
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

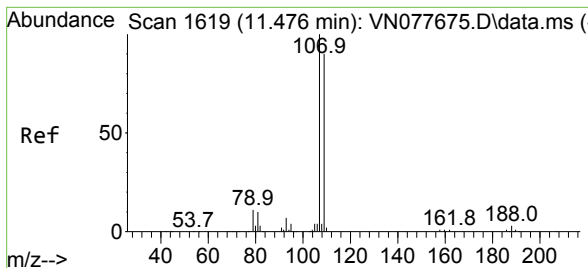
Tgt Ion: 43 Resp: 994916
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1



#60
Dibromochloromethane
Concen: 56.954 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 129 Resp: 293464
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

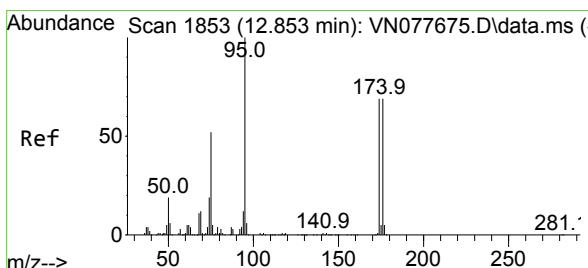
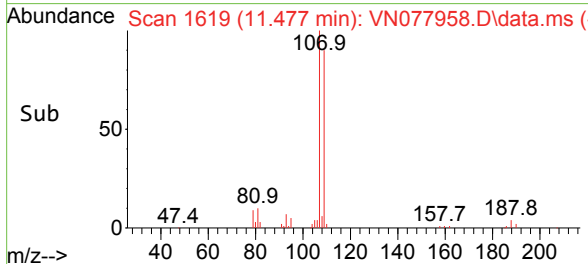
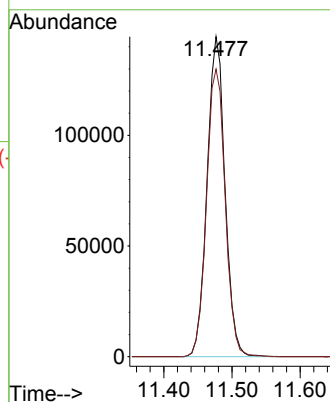
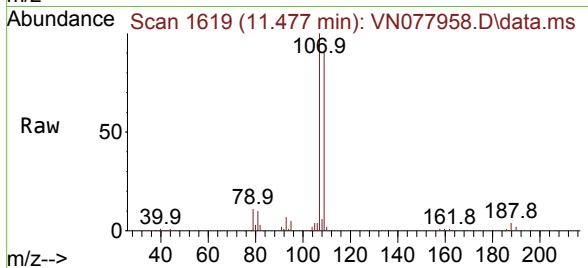




#61
1,2-Dibromoethane
Concen: 53.187 ug/l
RT: 11.477 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

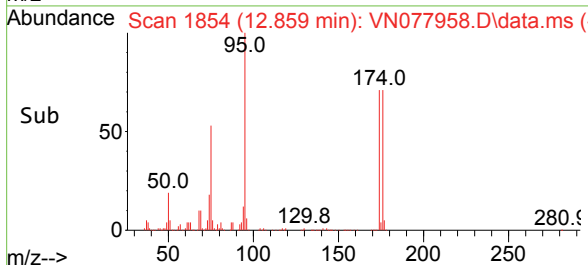
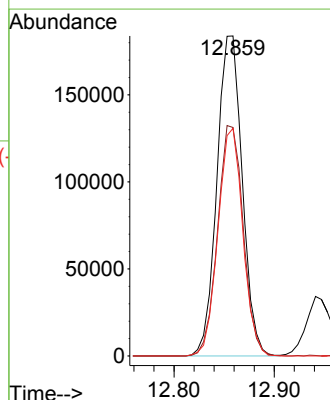
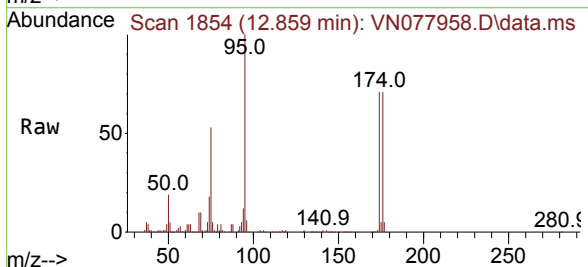
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

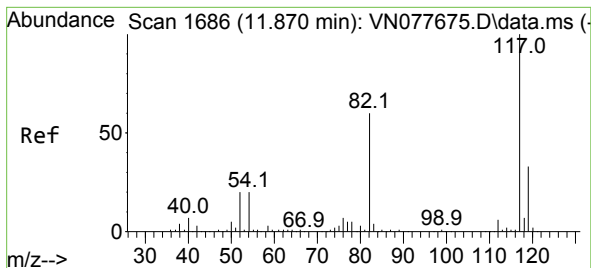
Tgt Ion:107 Resp: 264834
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 95 Resp: 322835
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 69.7 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: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

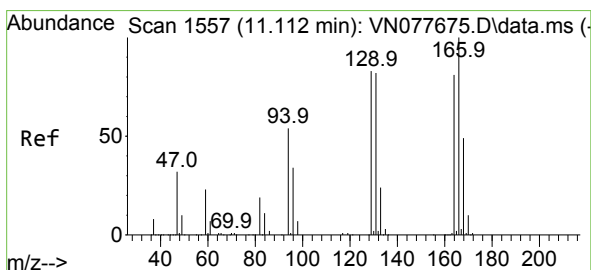
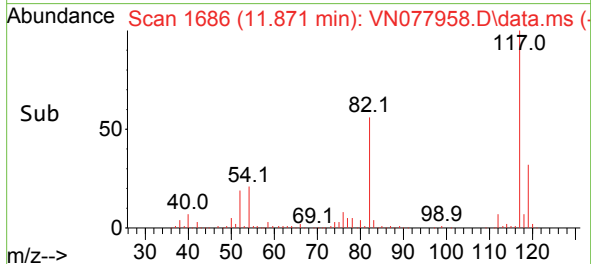
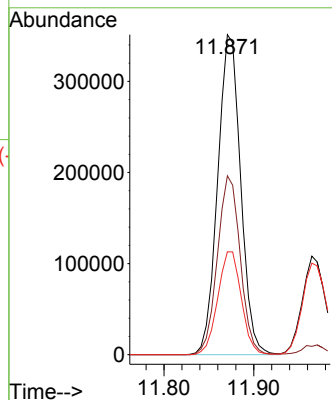
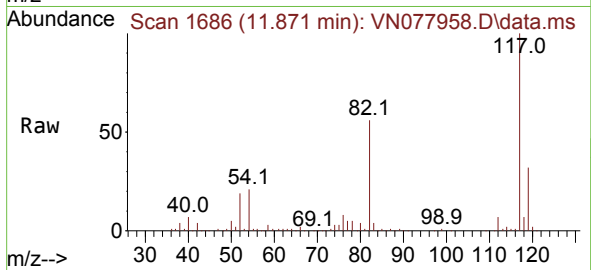
Tgt Ion:117 Resp: 624709

Ion Ratio Lower Upper

117 100

82 55.9 44.0 66.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 58.901 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Tgt Ion:164 Resp: 257324

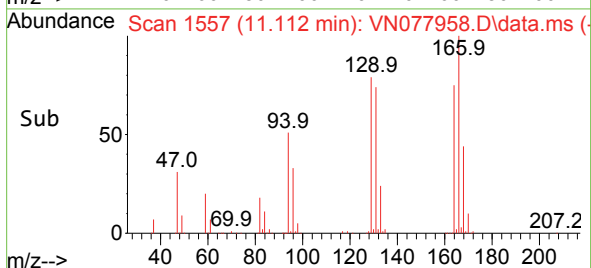
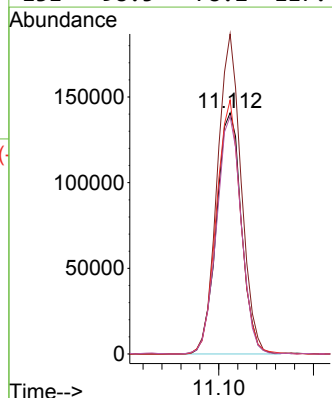
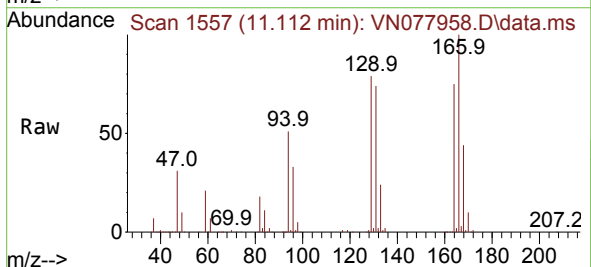
Ion Ratio Lower Upper

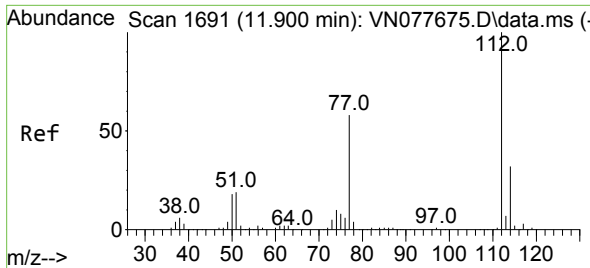
164 100

166 132.7 101.4 152.0

129 105.3 82.4 123.6

131 98.5 78.2 117.4

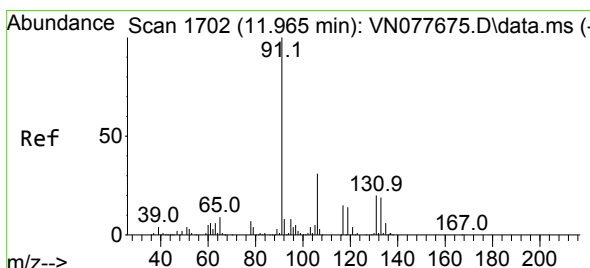
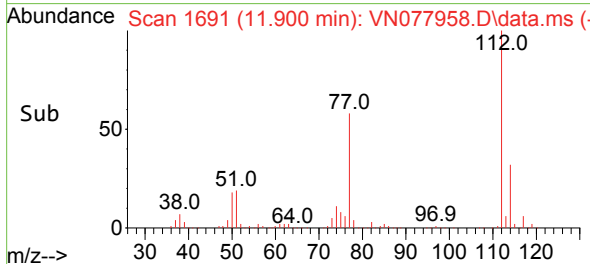
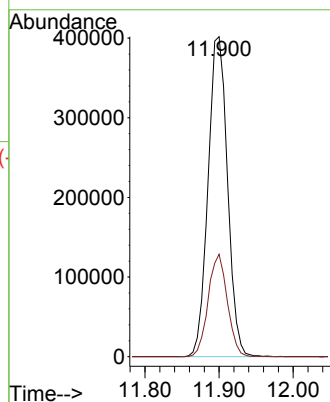
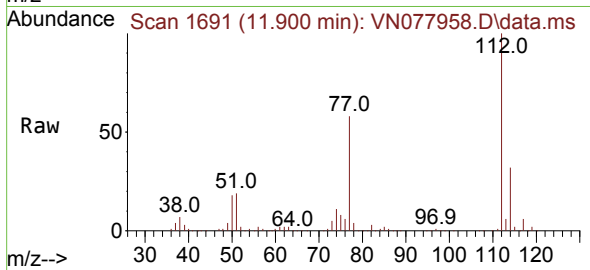




#65
Chlorobenzene
Concen: 54.110 ug/l
RT: 11.900 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

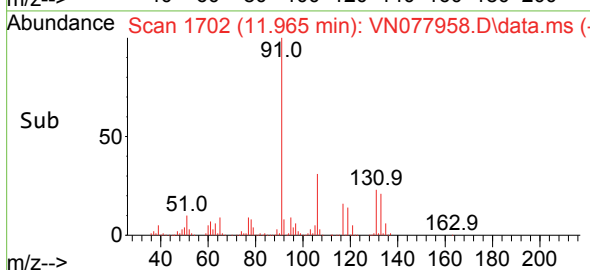
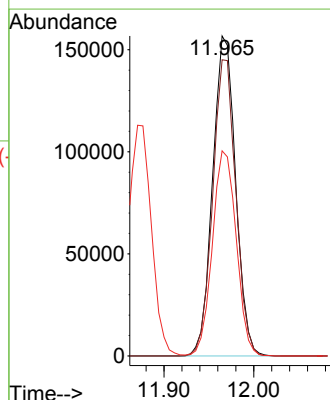
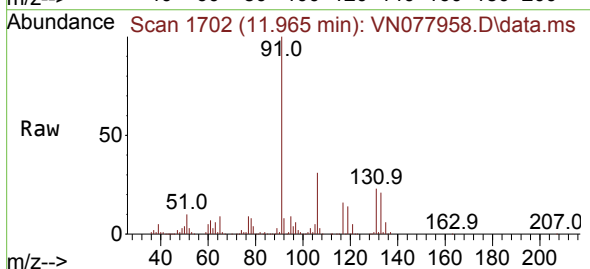
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

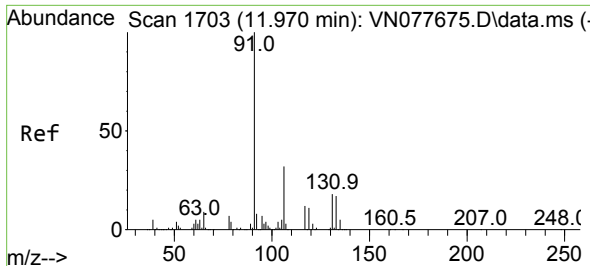
Tgt Ion:112 Resp: 732809
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 59.354 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:131 Resp: 278136
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 66.7 34.1 102.2

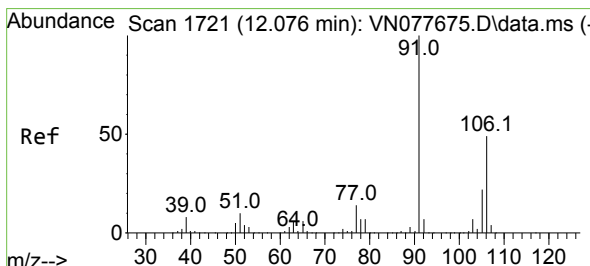
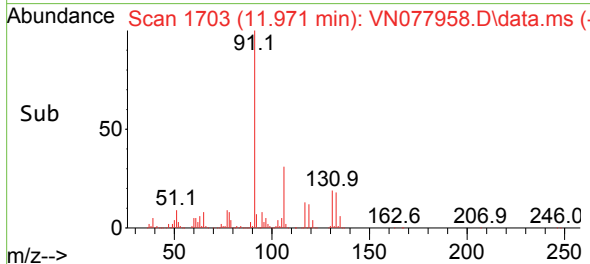
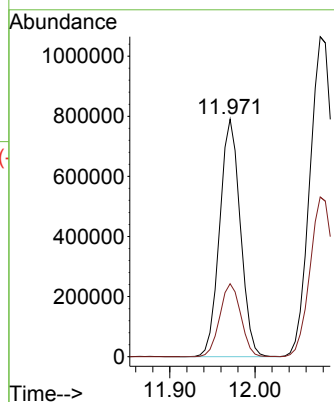
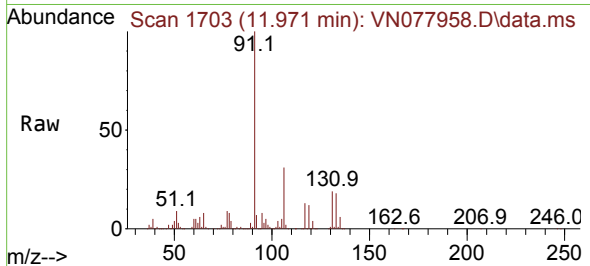




#67
Ethyl Benzene
Concen: 54.884 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

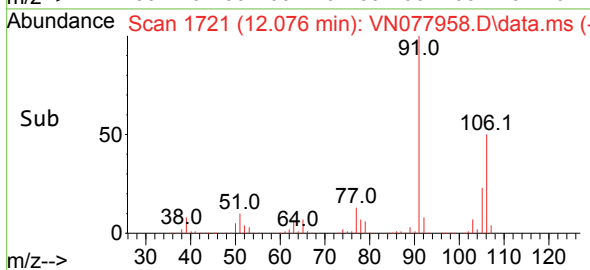
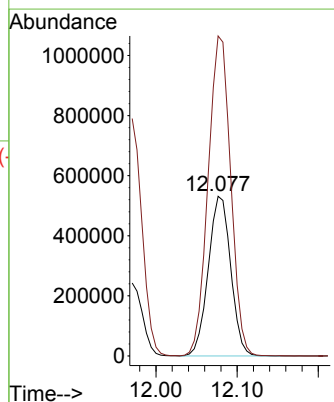
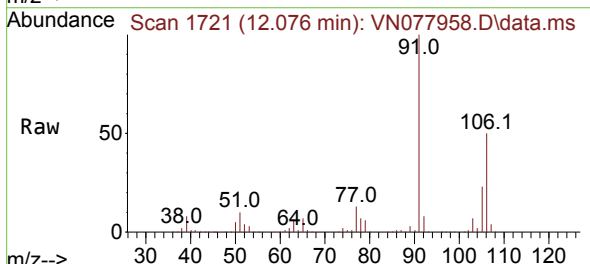
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

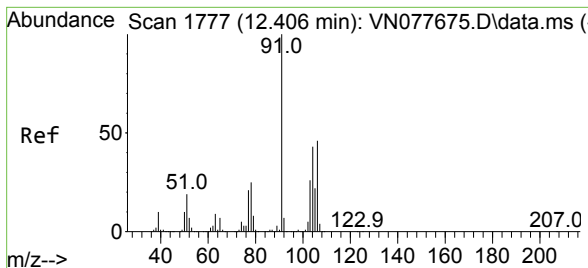
Tgt Ion: 91 Resp: 1332024
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 110.898 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:106 Resp: 1019819
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4

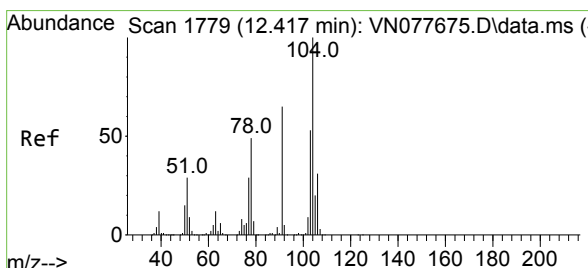
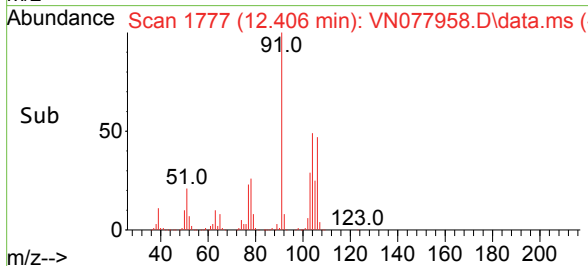
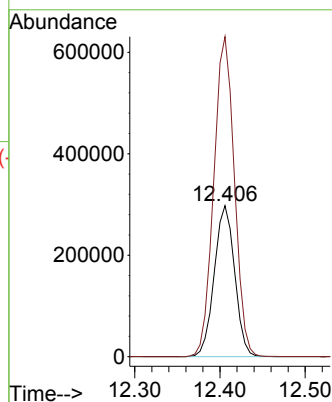
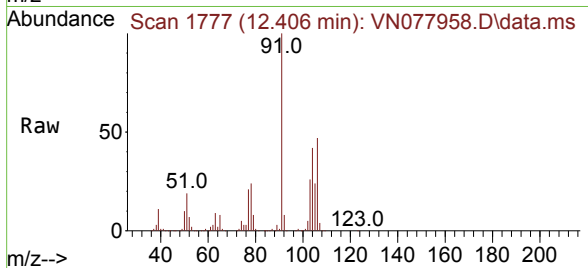




#69
o-Xylene
Concen: 54.744 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

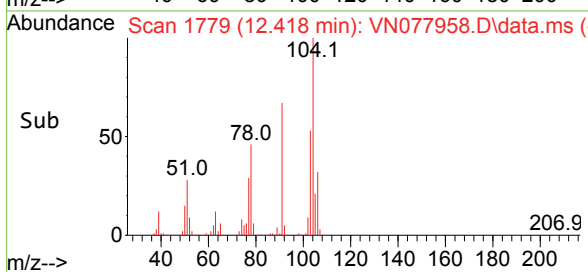
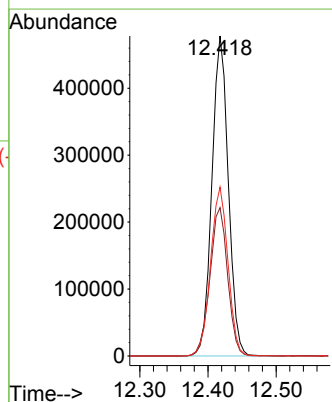
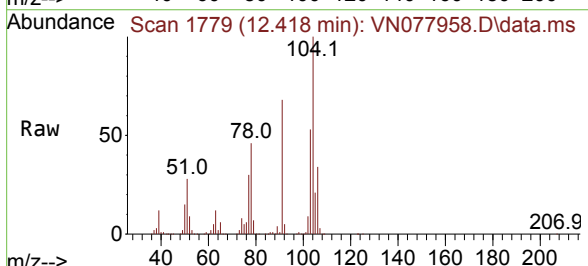
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

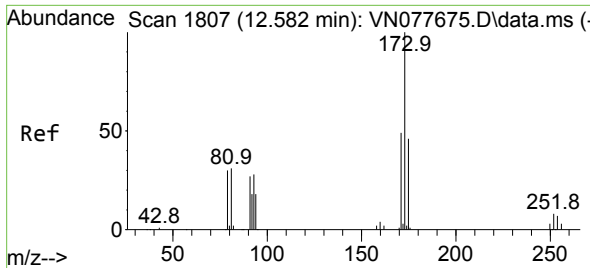
Tgt Ion:106 Resp: 495095
Ion Ratio Lower Upper
106 100
91 214.7 105.2 315.5



#70
Styrene
Concen: 55.778 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:104 Resp: 801342
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.0 43.2 64.8

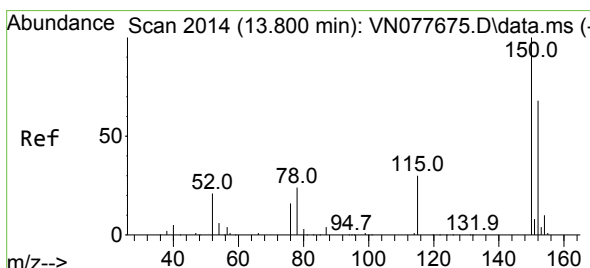
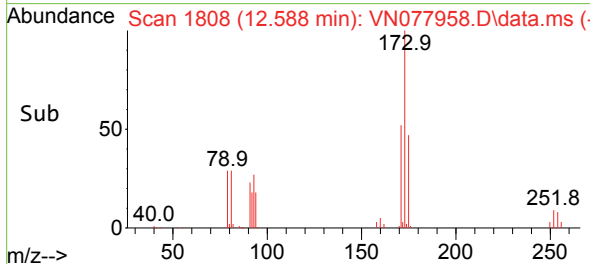
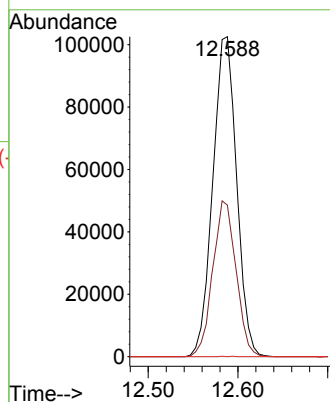
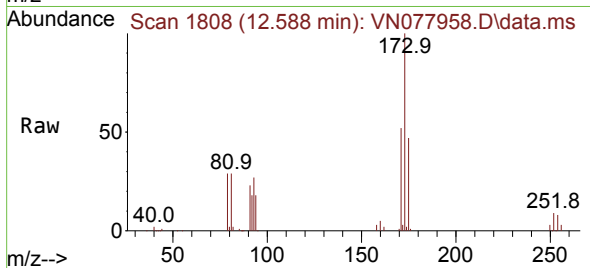




#71
Bromoform
Concen: 60.623 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

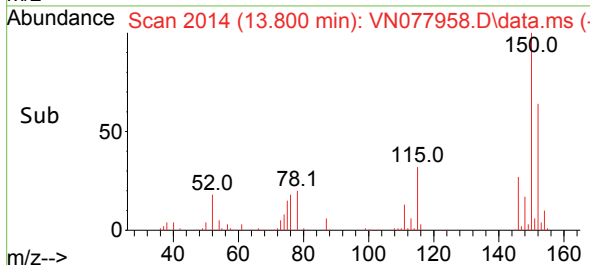
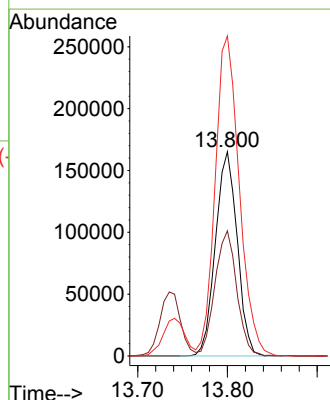
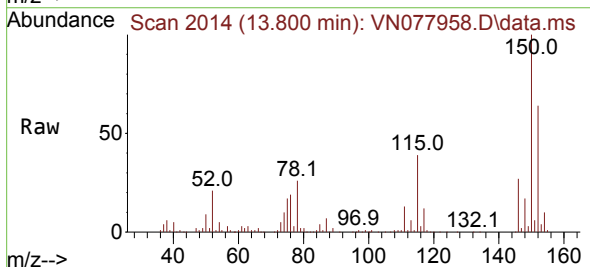
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

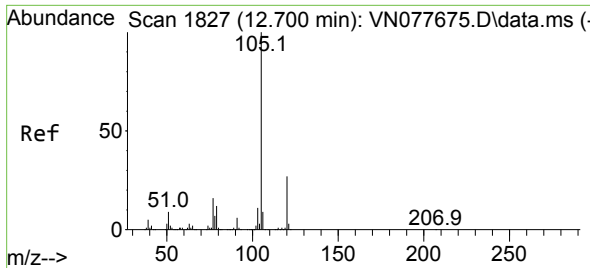
Tgt Ion:173 Resp: 188981
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:152 Resp: 277994
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 173.3 0.0 355.8

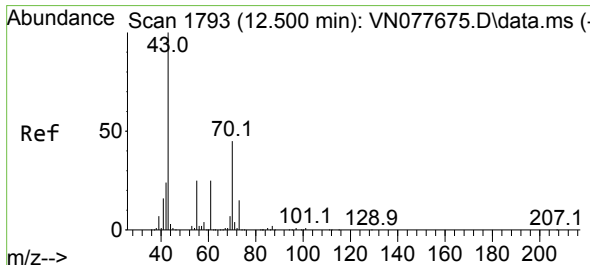
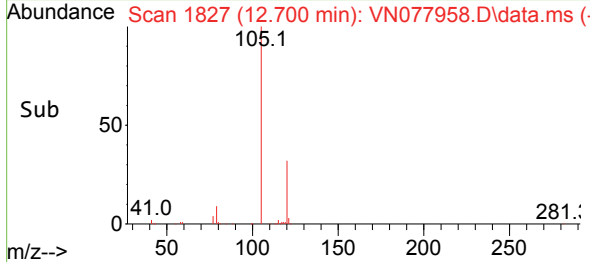
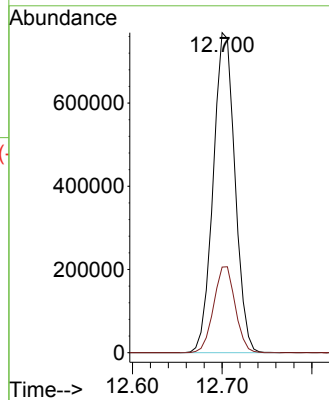
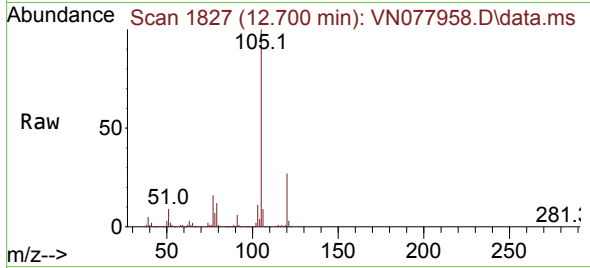




#73
Isopropylbenzene
Concen: 54.063 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

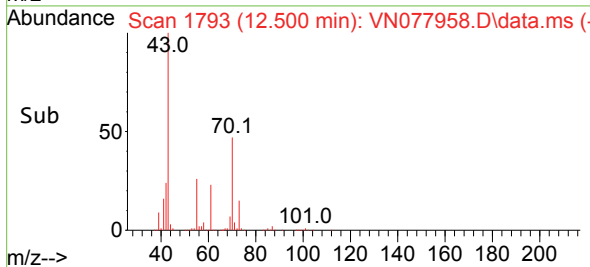
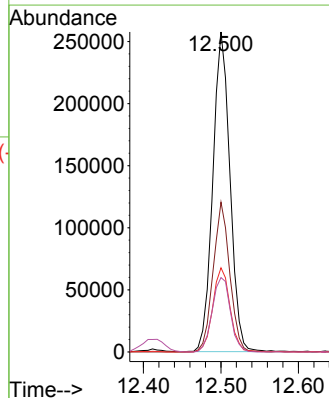
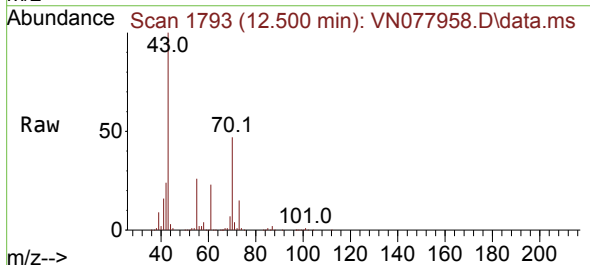
Instrument :
MSVOA_N
ClientSampleId :
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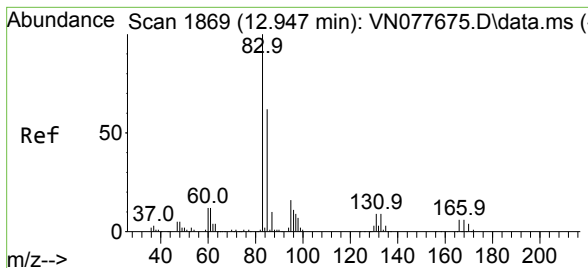
Tgt Ion:105 Resp: 1295518
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 44.764 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 43 Resp: 396499
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 26.5 21.4 32.0
61 24.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.322 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

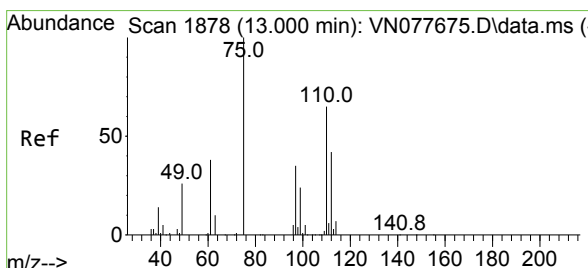
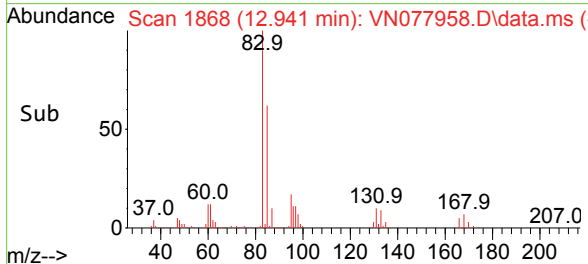
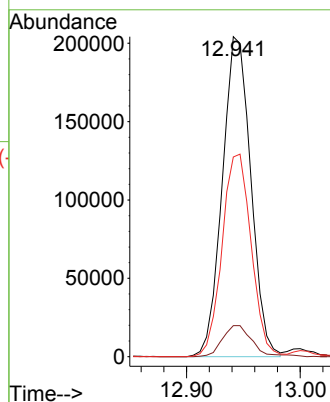
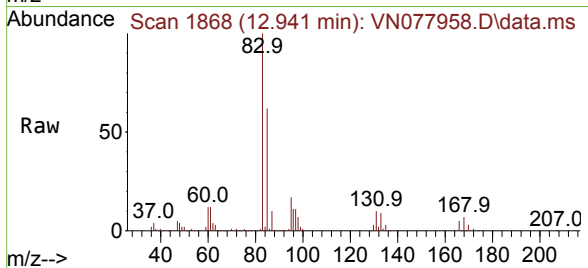
Tgt Ion: 83 Resp: 356225

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 64.892 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077958.D

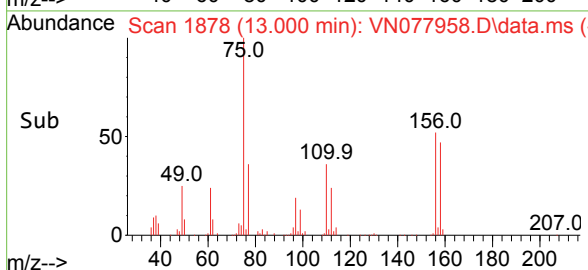
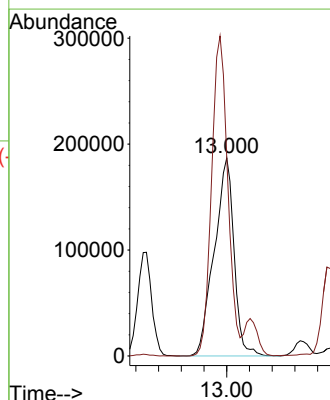
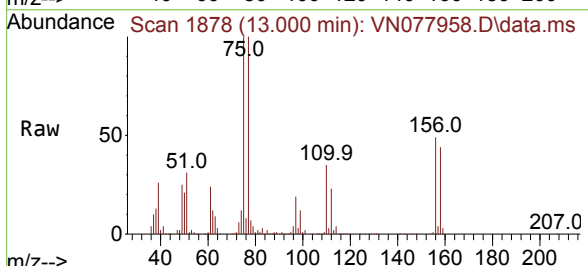
Acq: 30 May 2023 10:14

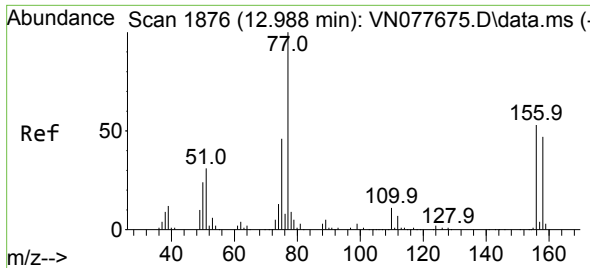
Tgt Ion: 75 Resp: 451778

Ion Ratio Lower Upper

75 100

77 132.1 84.5 253.5

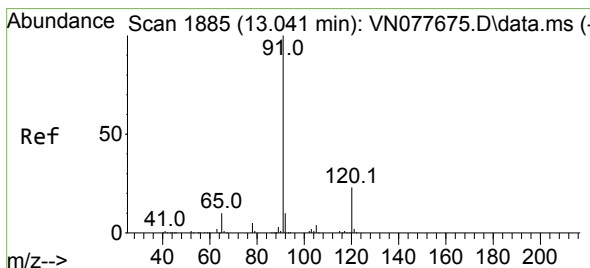
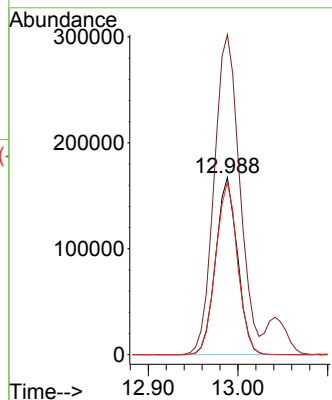
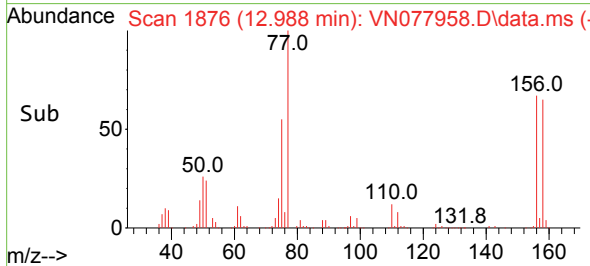
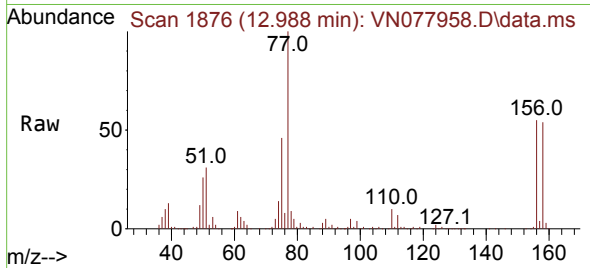




#77
Bromobenzene
Concen: 51.676 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

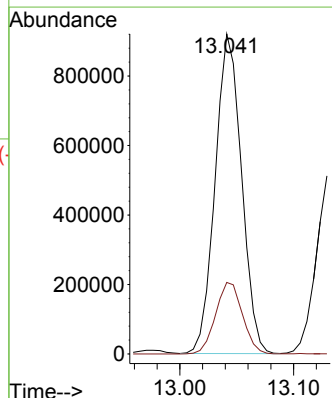
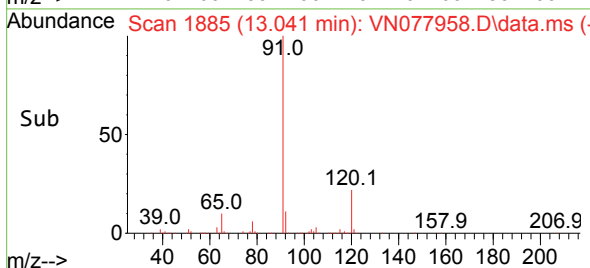
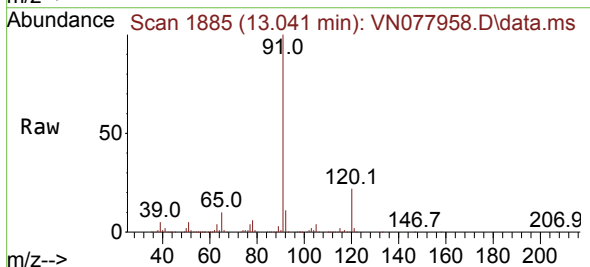
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

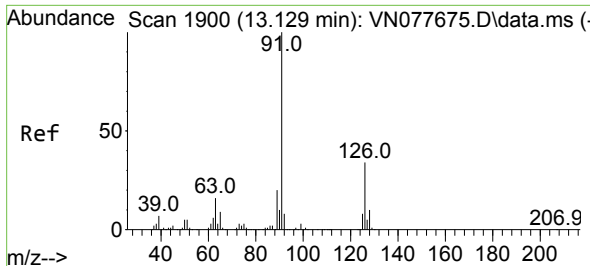
Tgt Ion:156 Resp: 282591
Ion Ratio Lower Upper
156 100
77 211.2 107.7 323.3
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 52.481 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 91 Resp: 1482652
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

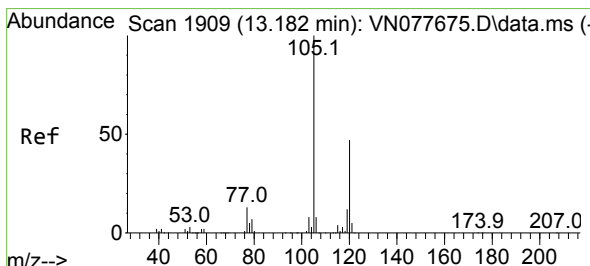
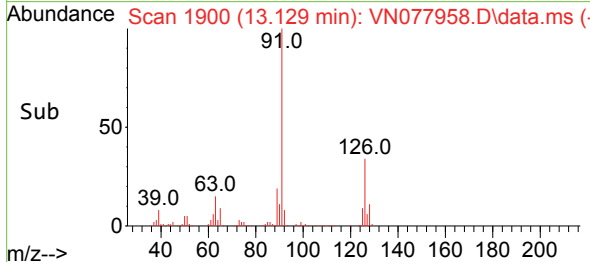
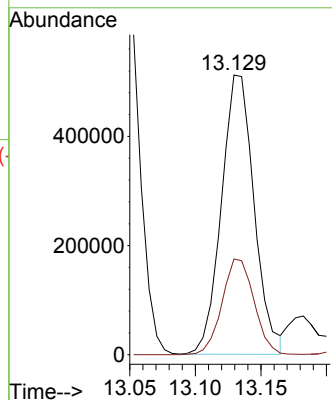
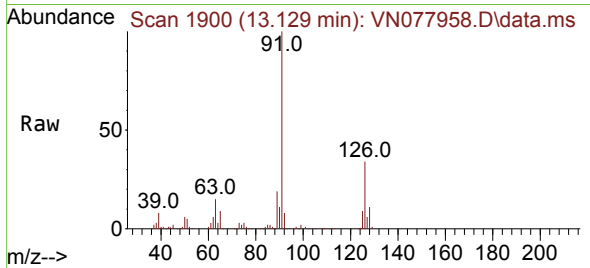




#79
2-Chlorotoluene
Concen: 52.745 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

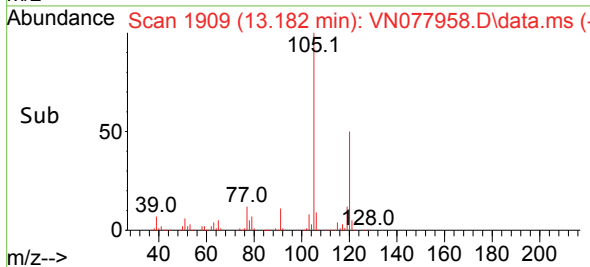
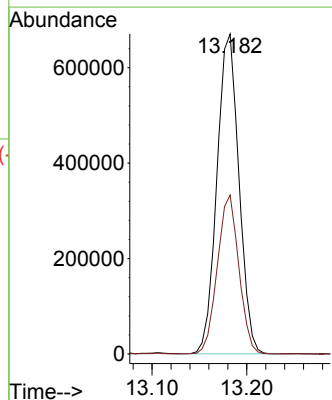
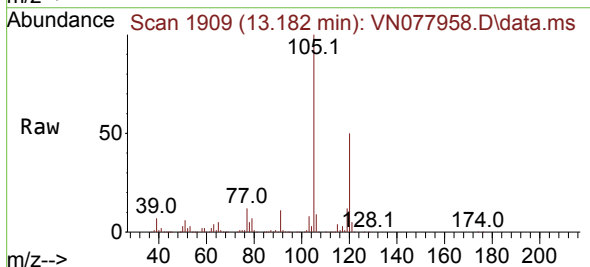
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

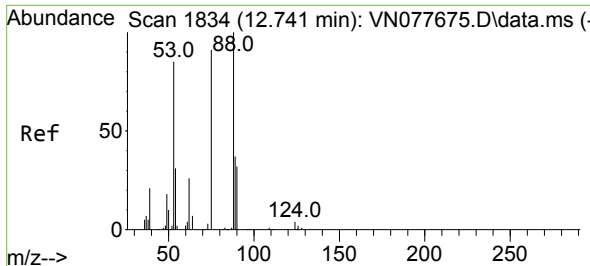
Tgt Ion: 91 Resp: 889168
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.760 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 105 Resp: 1082730
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

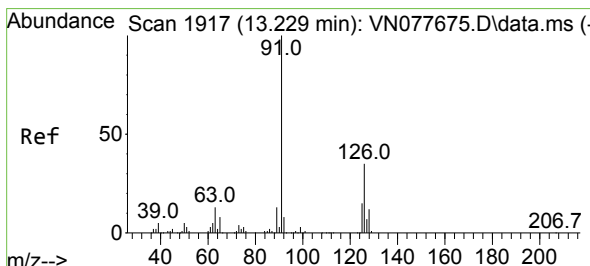
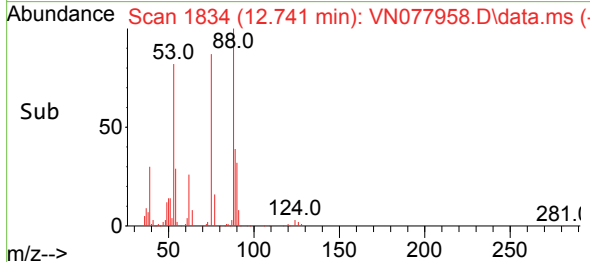
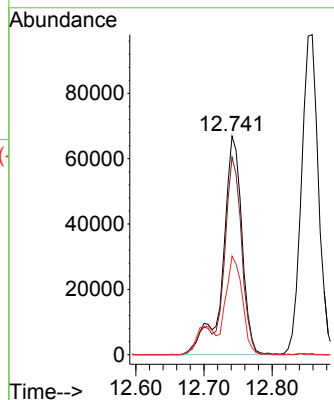
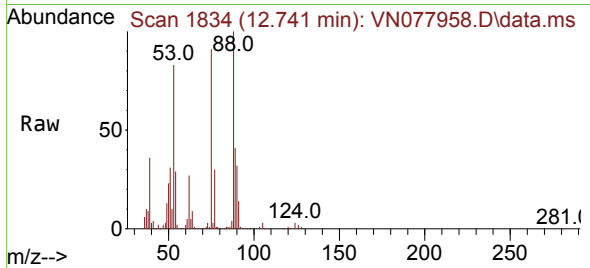




#81
trans-1,4-Dichloro-2-butene
Concen: 60.194 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

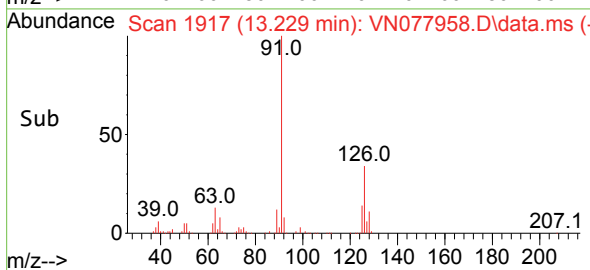
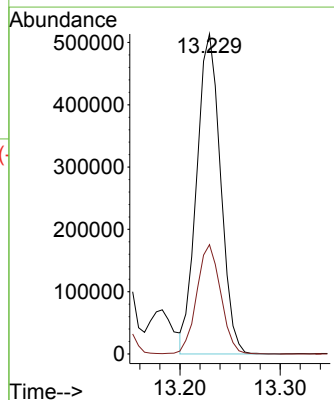
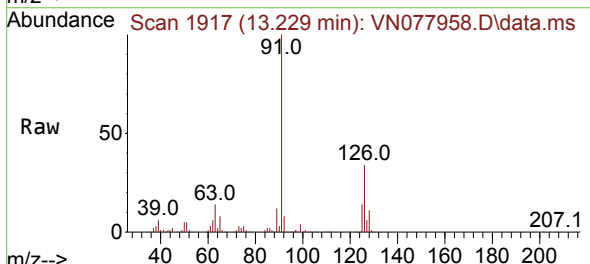
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

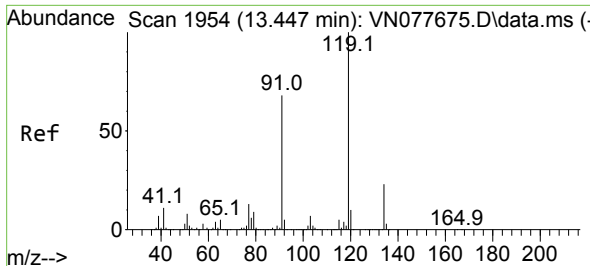
Tgt Ion: 75 Resp: 131102
Ion Ratio Lower Upper
75 100
53 77.9 67.4 101.2
89 39.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 50.648 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 91 Resp: 849512
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0

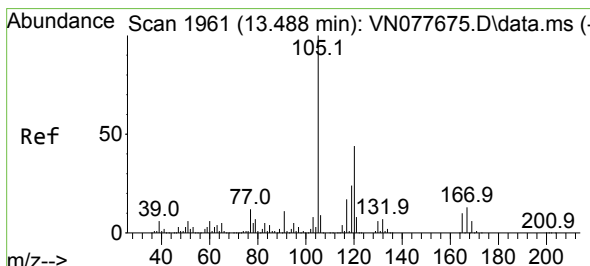
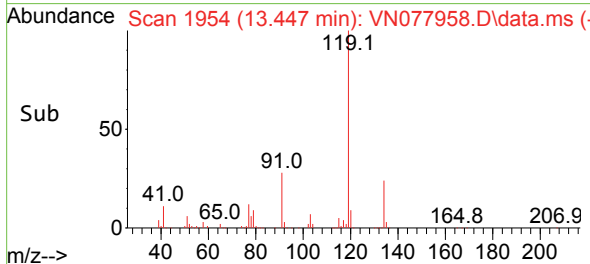
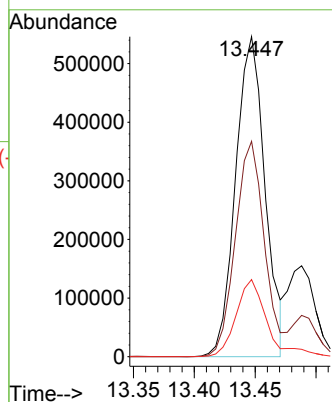
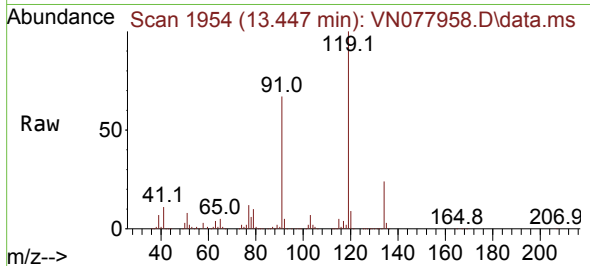




#83
tert-Butylbenzene
Concen: 52.288 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

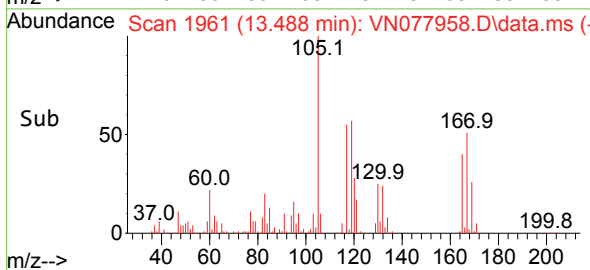
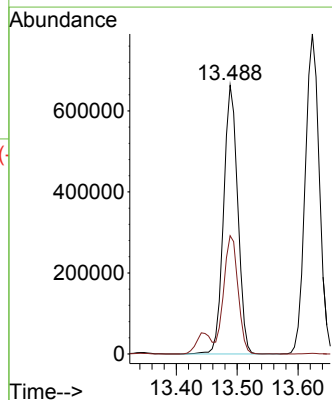
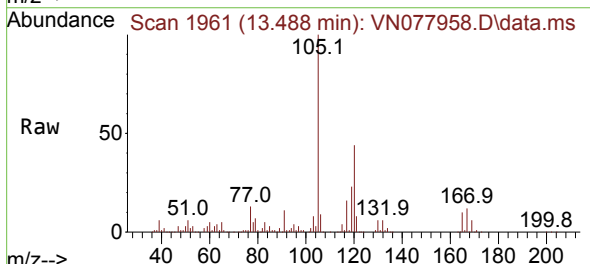
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

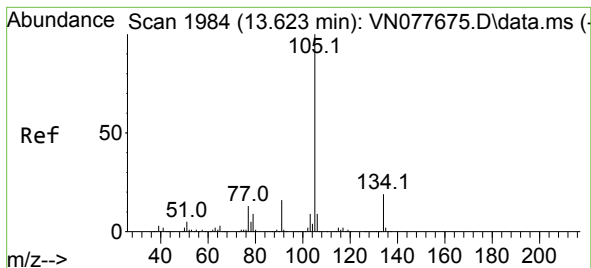
Tgt Ion:119 Resp: 919339
Ion Ratio Lower Upper
119 100
91 67.5 33.9 101.7
134 25.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 54.000 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:105 Resp: 1069608
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 50.779 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

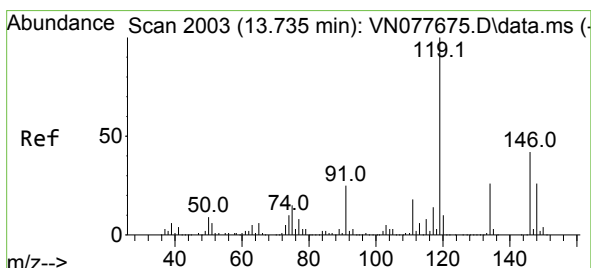
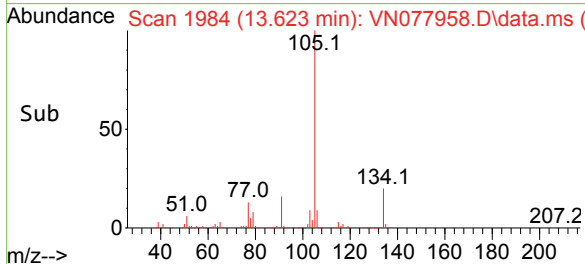
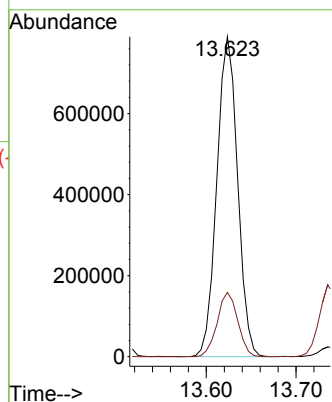
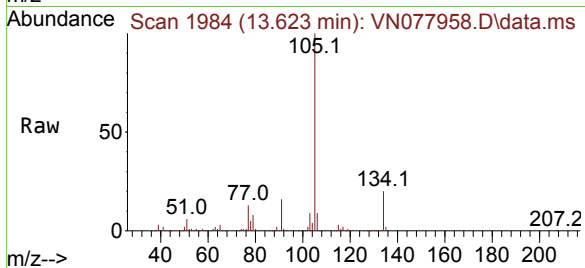
VSTDCCC050

Tgt Ion:105 Resp: 1268841

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.100 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

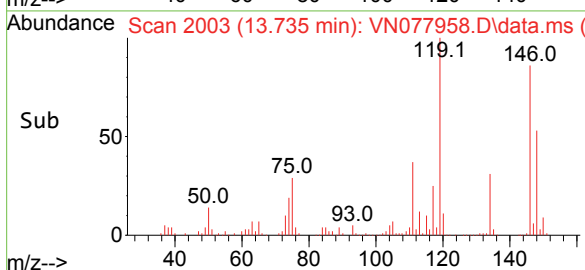
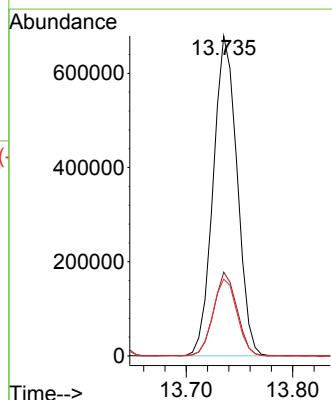
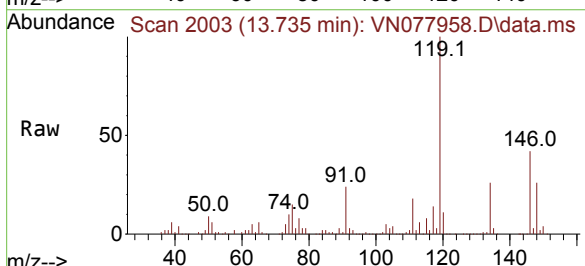
Tgt Ion:119 Resp: 1057787

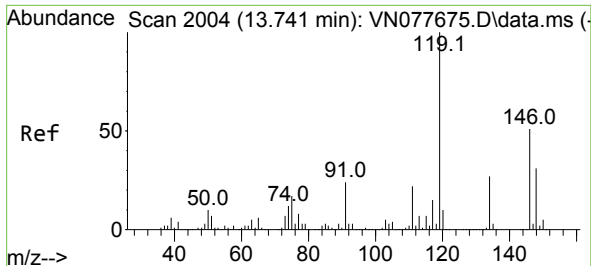
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 24.3 12.4 37.2

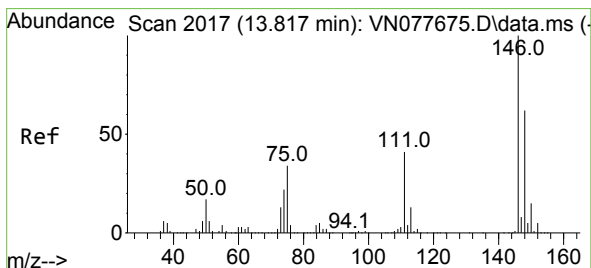
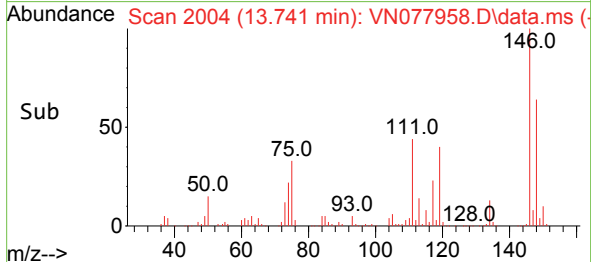
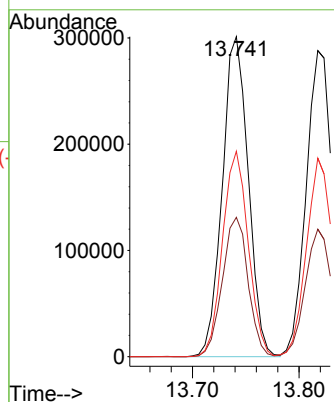
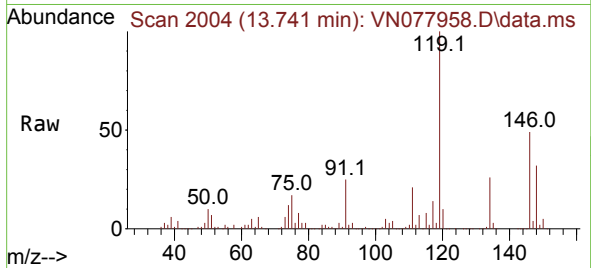




#87
 1,3-Dichlorobenzene
 Concen: 50.357 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

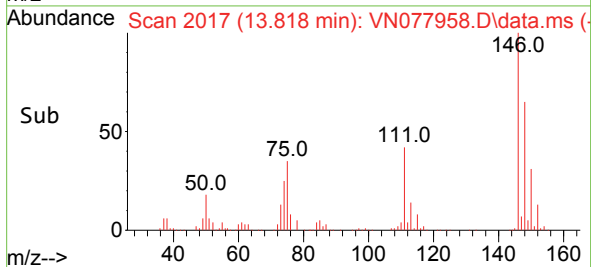
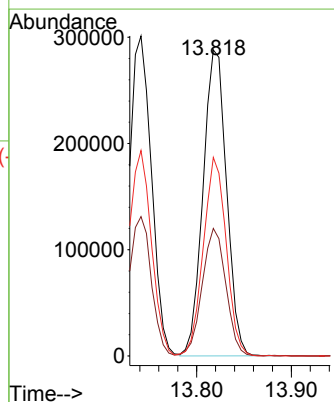
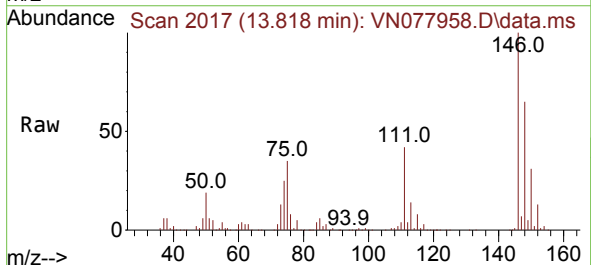
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

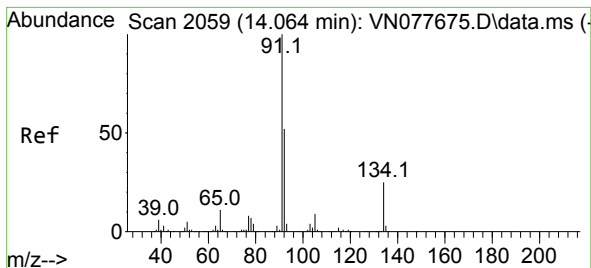
Tgt Ion:146 Resp: 509272
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.1 66.3
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.403 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

Tgt Ion:146 Resp: 495795
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 46.904 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

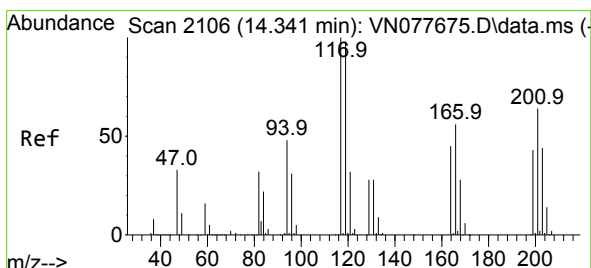
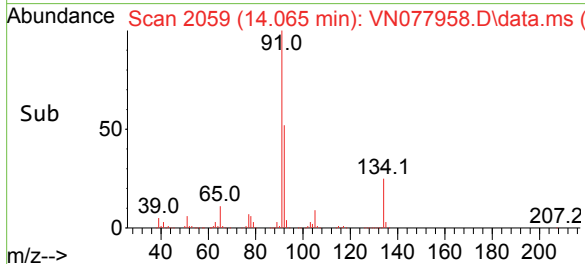
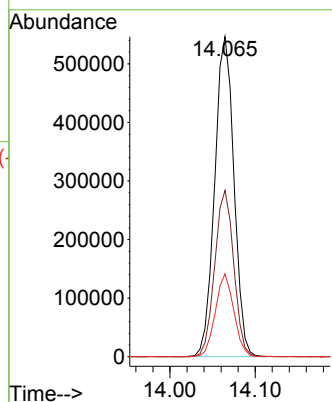
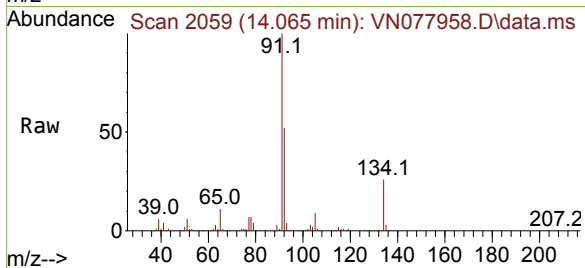
Tgt Ion: 91 Resp: 859403

Ion Ratio Lower Upper

91 100

92 51.3 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 59.319 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN077958.D

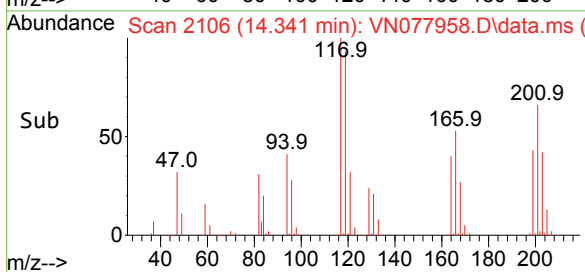
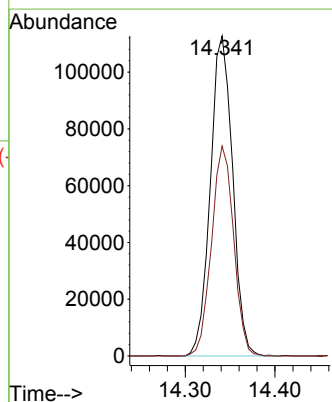
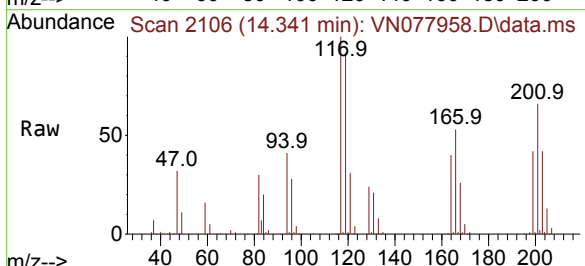
Acq: 30 May 2023 10:14

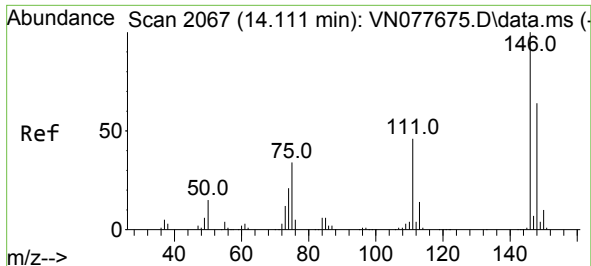
Tgt Ion: 117 Resp: 194124

Ion Ratio Lower Upper

117 100

201 65.2 29.3 88.0

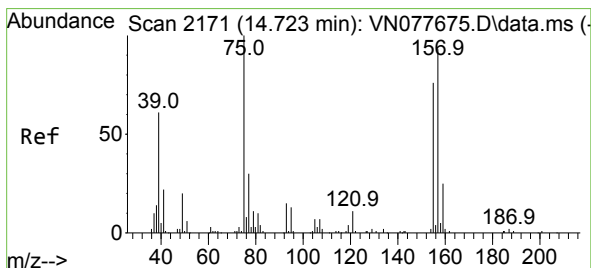
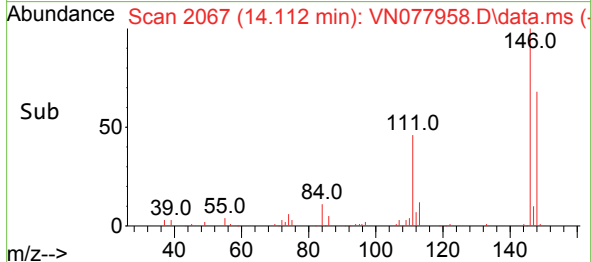
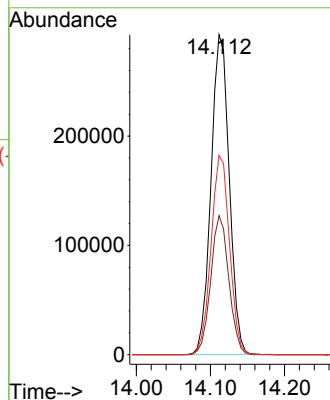
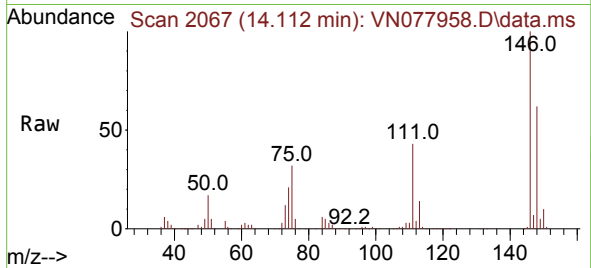




#91
1,2-Dichlorobenzene
Concen: 52.936 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

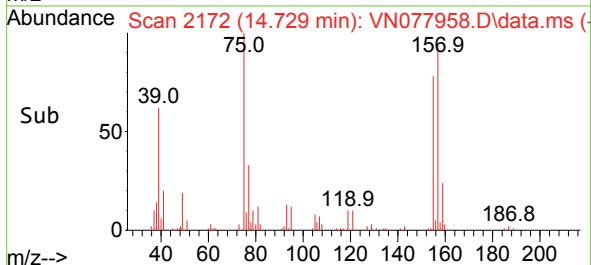
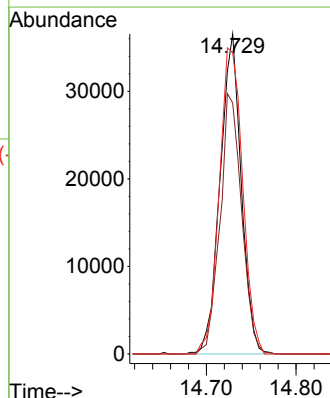
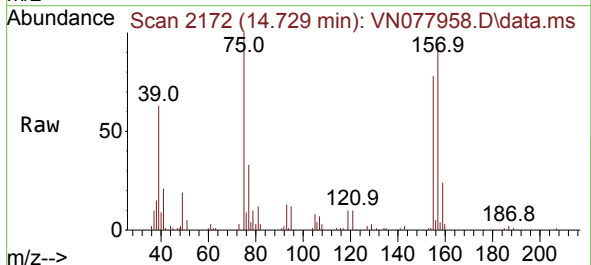
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

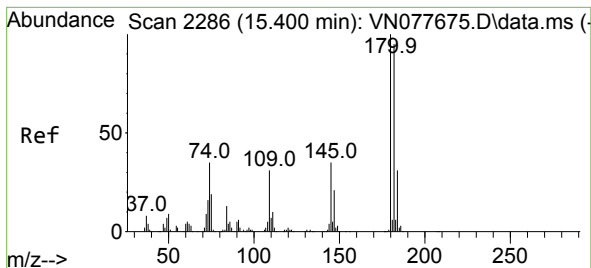
Tgt Ion:146 Resp: 500131
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.952 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 75 Resp: 59876
Ion Ratio Lower Upper
75 100
155 83.0 39.1 117.2
157 105.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 38.485 ug/l

RT: 15.400 min Scan# 212477

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

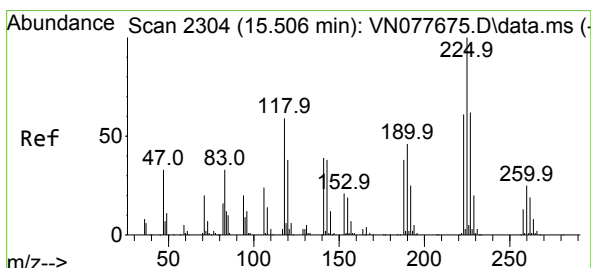
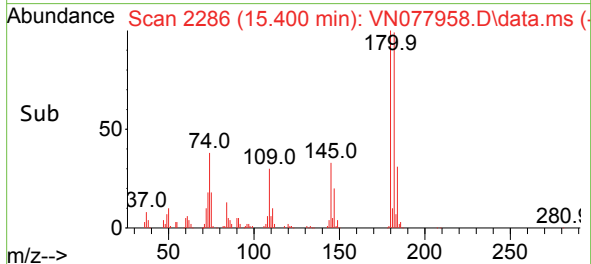
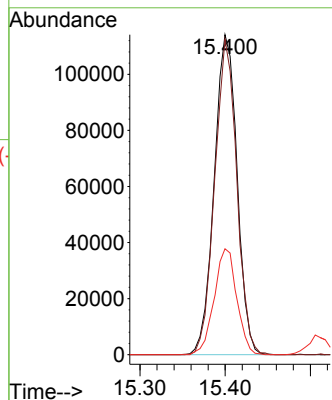
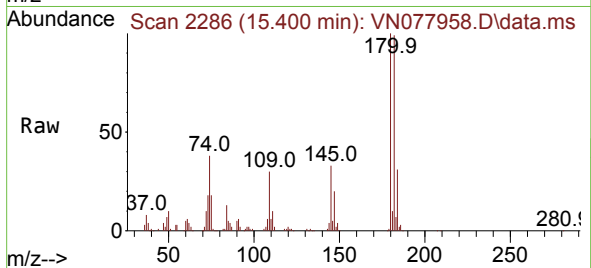
Tgt Ion:180 Resp: 212477

Ion Ratio Lower Upper

180 100

182 95.1 46.1 138.2

145 32.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 40.684 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

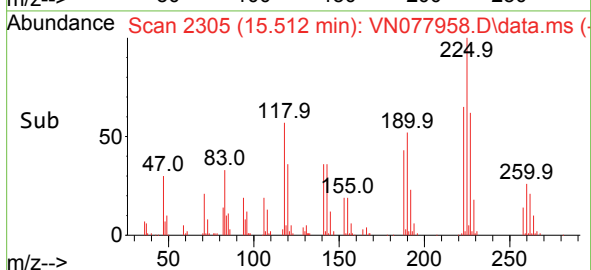
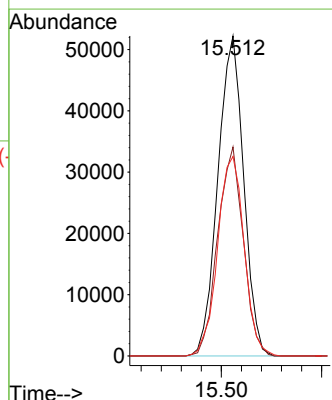
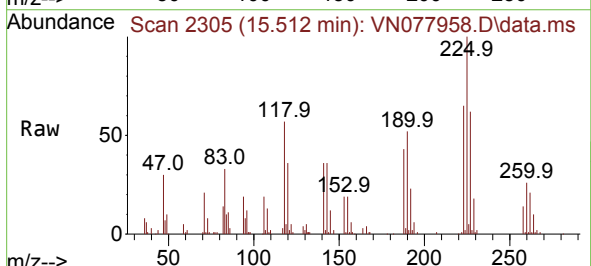
Tgt Ion:225 Resp: 93262

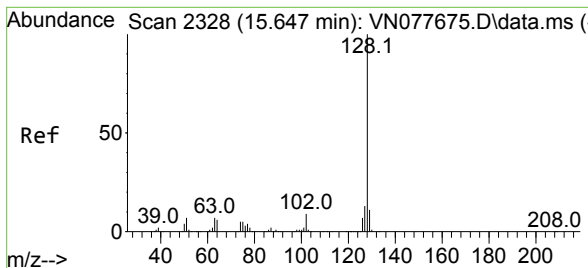
Ion Ratio Lower Upper

225 100

223 64.8 31.3 93.8

227 64.2 31.9 95.9

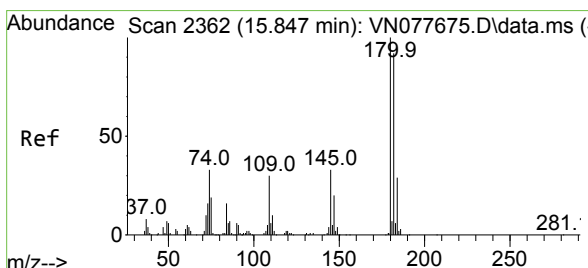
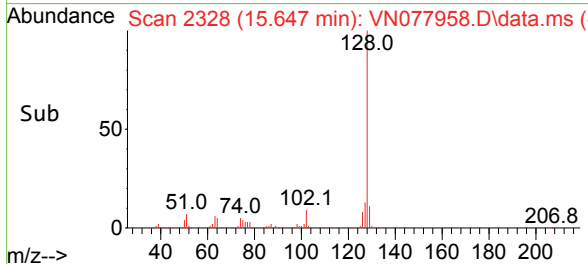
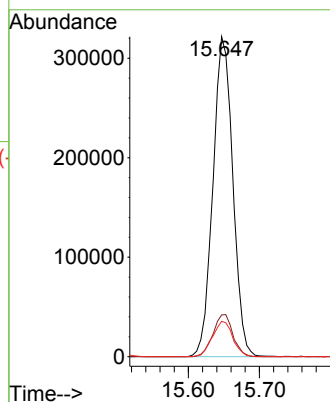
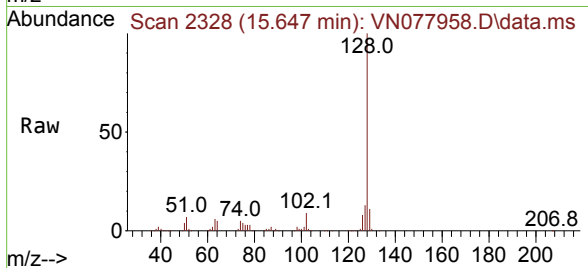




#95
Naphthalene
Concen: 32.898 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 625187
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 40.100 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:180 Resp: 216766
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 34.3 17.5 52.6

