

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076216.D
 Acq On : 11 Jan 2023 18:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 12 00:39:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	378517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	535609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189907	46.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.240%
35) Dibromofluoromethane	8.171	113	176529	47.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	10.571	98	639965	46.200	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.853	95	227217	49.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	163777	60.938	ug/l	99
3) Chloromethane	2.377	50	157149	47.023	ug/l	99
4) Vinyl Chloride	2.530	62	194437	48.774	ug/l	98
5) Bromomethane	2.948	94	155872	46.007	ug/l	99
6) Chloroethane	3.124	64	138727	46.992	ug/l	99
7) Trichlorofluoromethane	3.506	101	284718	47.068	ug/l	99
8) Diethyl Ether	3.971	74	104880	47.470	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	170511	49.364	ug/l	97
10) Methyl Iodide	4.606	142	257577	45.949	ug/l	99
11) Tert butyl alcohol	5.536	59	123102	211.269	ug/l #	87
12) 1,1-Dichloroethene	4.353	96	154205	45.966	ug/l	97
13) Acrolein	4.189	56	166547	233.146	ug/l	98
14) Allyl chloride	5.036	41	182217	46.464	ug/l	92
15) Acrylonitrile	5.730	53	366394	230.422	ug/l	99
16) Acetone	4.442	43	280613	197.681	ug/l	100
17) Carbon Disulfide	4.724	76	334491	41.181	ug/l	99
18) Methyl Acetate	5.036	43	204613	48.764	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	558844	50.586	ug/l	97
20) Methylene Chloride	5.283	84	177692	46.752	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	166483	45.314	ug/l	97
22) Diisopropyl ether	6.683	45	461506	48.443	ug/l	99
23) Vinyl Acetate	6.612	43	1488277	232.100	ug/l	99
24) 1,1-Dichloroethane	6.577	63	294526	46.356	ug/l	98
25) 2-Butanone	7.488	43	453269	228.049	ug/l	94
26) 2,2-Dichloropropane	7.500	77	252375	46.905	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	199971	45.510	ug/l	95
28) Bromochloromethane	7.824	49	108311	38.894	ug/l	100
29) Tetrahydrofuran	7.841	42	296647	238.161	ug/l	99
30) Chloroform	7.971	83	322185	45.039	ug/l	95
31) Cyclohexane	8.265	56	260673	44.200	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	296404	46.737	ug/l	99
36) 1,1-Dichloropropene	8.377	75	233047	47.352	ug/l	98
37) Ethyl Acetate	7.565	43	188735	47.742	ug/l	98
38) Carbon Tetrachloride	8.371	117	259958	47.193	ug/l	99
39) Methylcyclohexane	9.606	83	295172	49.713	ug/l	98
40) Benzene	8.612	78	703789	46.348	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	102852	50.053	ug/l	98
42) 1,2-Dichloroethane	8.677	62	236663	46.880	ug/l	100
43) Isopropyl Acetate	8.694	43	321883	49.360	ug/l	99
44) Trichloroethene	9.353	130	194419	45.448	ug/l	99
45) 1,2-Dichloropropane	9.624	63	170241	46.072	ug/l	98
46) Dibromomethane	9.712	93	128002	46.704	ug/l	99
47) Bromodichloromethane	9.894	83	251394	46.774	ug/l	99
48) Methyl methacrylate	9.682	41	149934	51.049	ug/l	99
49) 1,4-Dioxane	9.694	88	64153	888.472	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	967625	245.359	ug/l	99
52) Toluene	10.635	92	470679	47.594	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	256875	48.825	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	286299	49.563	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	185565	47.806	ug/l	99
56) Ethyl methacrylate	10.876	69	264778	51.354	ug/l	98
57) 1,3-Dichloropropane	11.165	76	299373	47.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	377035	229.683	ug/l	99
59) 2-Hexanone	11.200	43	694027	241.314	ug/l	100
60) Dibromochloromethane	11.359	129	206080	47.739	ug/l	99
61) 1,2-Dibromoethane	11.471	107	186935	47.589	ug/l	99
64) Tetrachloroethene	11.106	164	190814	50.628	ug/l	97
65) Chlorobenzene	11.894	112	508285	46.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	194706	47.817	ug/l	100
67) Ethyl Benzene	11.965	91	911532	49.129	ug/l	99
68) m/p-Xylenes	12.070	106	732508	99.748	ug/l	99
69) o-Xylene	12.400	106	362535	49.886	ug/l	99
70) Styrene	12.412	104	598580	51.803	ug/l	99
71) Bromoform	12.582	173	147523	49.790	ug/l #	100
73) Isopropylbenzene	12.700	105	952140	49.693	ug/l	100
74) N-amyl acetate	12.494	43	282344	50.230	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	258823	43.696	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	317948	59.489	ug/l	74
77) Bromobenzene	12.982	156	227127	46.839	ug/l	97
78) n-propylbenzene	13.035	91	1072143	50.733	ug/l	99
79) 2-Chlorotoluene	13.123	91	630360	47.784	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	801620	49.988	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	74122	49.919	ug/l	89
82) 4-Chlorotoluene	13.123	91	630360	47.784	ug/l	99
83) tert-Butylbenzene	13.441	119	714407	50.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	802999	50.475	ug/l	99
85) sec-Butylbenzene	13.617	105	1003319	51.413	ug/l	99
86) p-Isopropyltoluene	13.729	119	856417	52.741	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	425468	47.500	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	416431	45.510	ug/l	100
89) n-Butylbenzene	14.059	91	683400	51.949	ug/l	99
90) Hexachloroethane	14.335	117	139492	48.023	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	419616	47.560	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45043	42.856	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	211894	48.511	ug/l	99
94) Hexachlorobutadiene	15.506	225	112080	47.031	ug/l	99
95) Naphthalene	15.641	128	616752	43.057	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	202710	49.653	ug/l	98

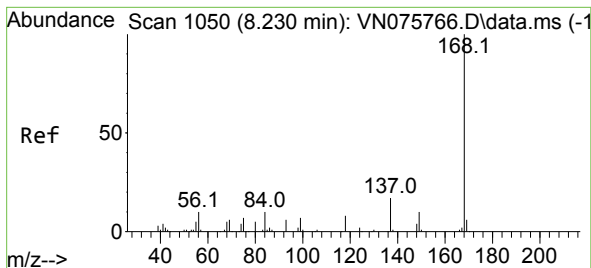
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

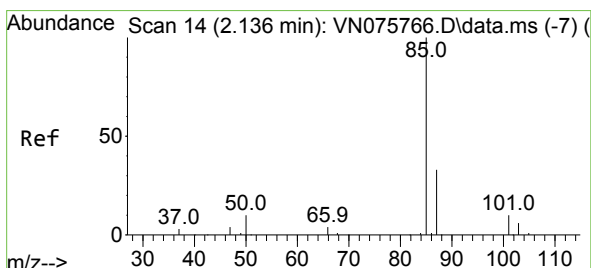
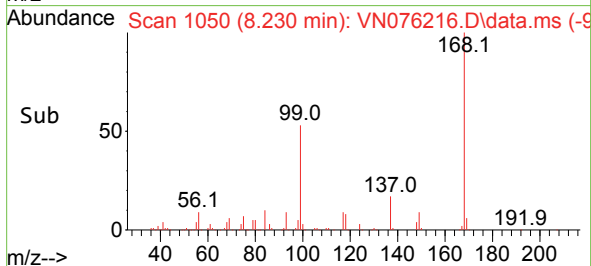
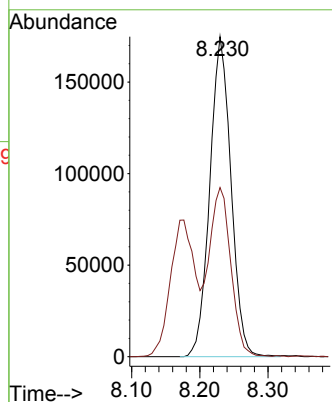
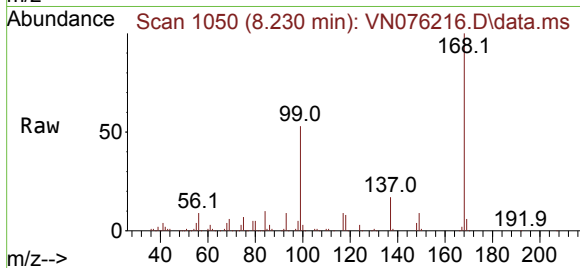
VSTDCCC050EC

Tgt Ion:168 Resp: 378517

Ion Ratio Lower Upper

168 100

99 52.7 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 60.938 ug/l

RT: 2.136 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN076216.D

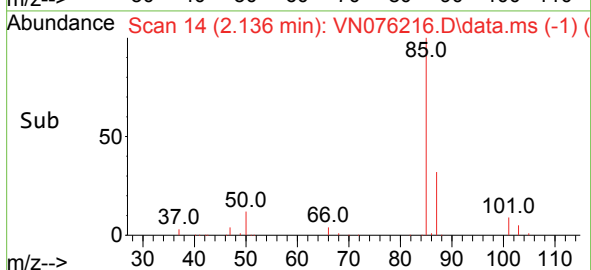
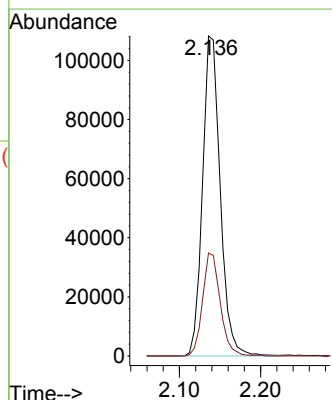
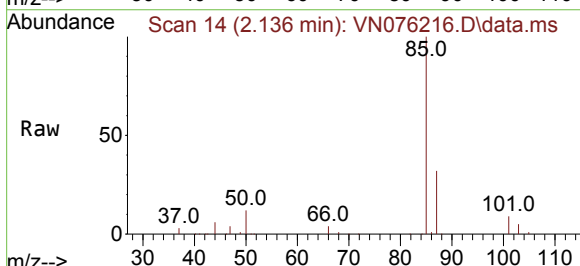
Acq: 11 Jan 2023 18:23

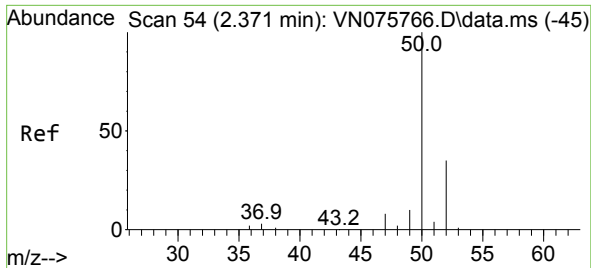
Tgt Ion: 85 Resp: 163777

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9

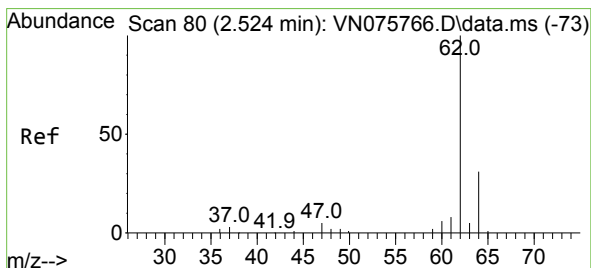
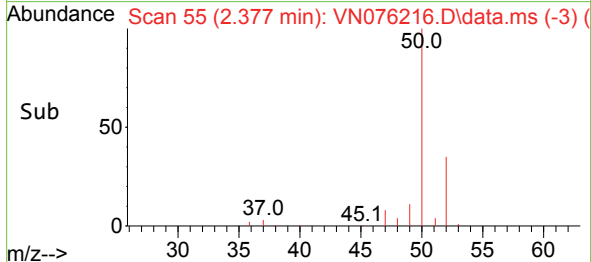
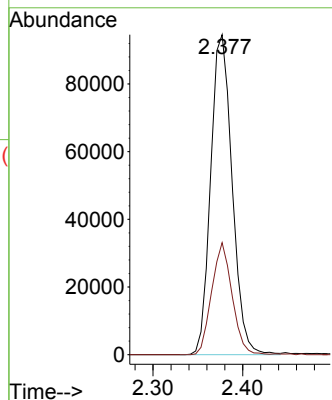
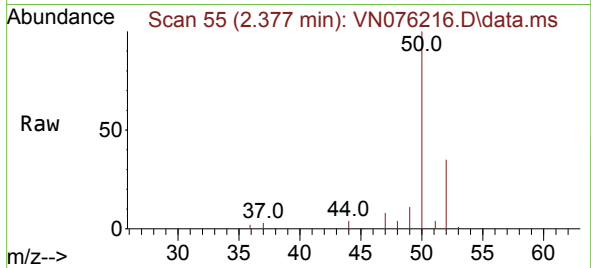




#3
Chloromethane
Concen: 47.023 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

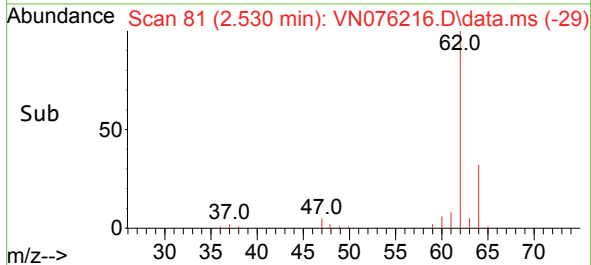
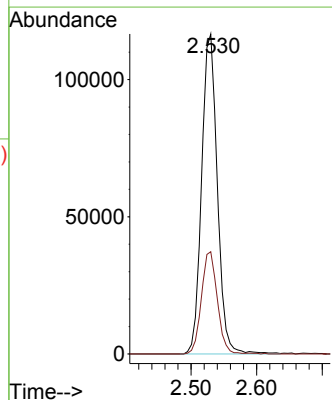
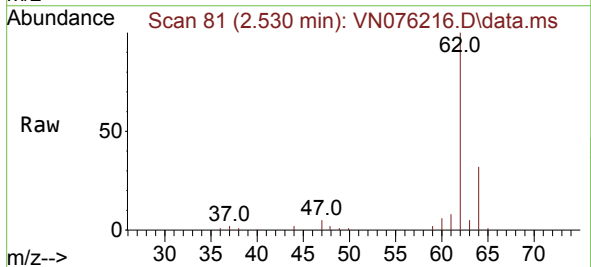
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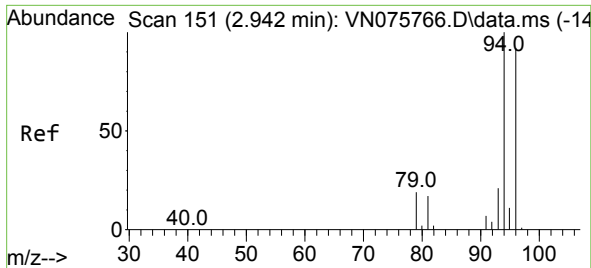
Tgt Ion: 50 Resp: 157149
Ion Ratio Lower Upper
50 100
52 35.0 27.7 41.5



#4
Vinyl Chloride
Concen: 48.774 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 62 Resp: 194437
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3

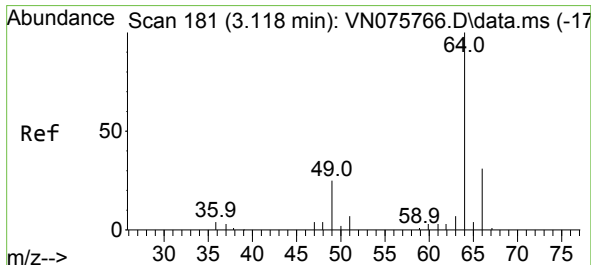
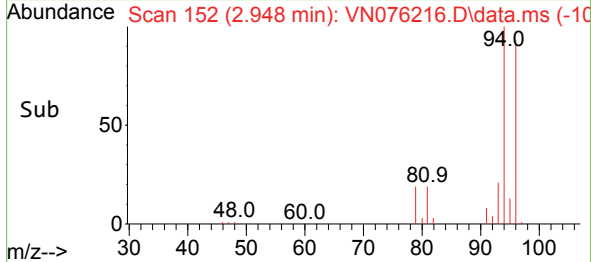
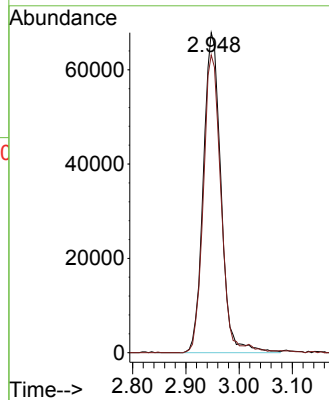
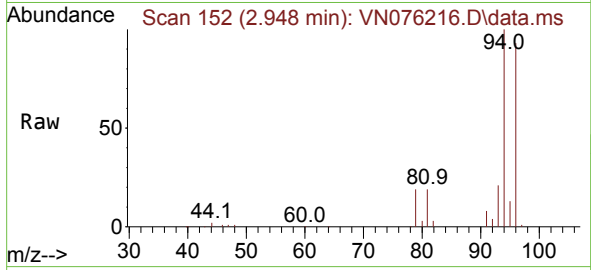




#5
Bromomethane
Concen: 46.007 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

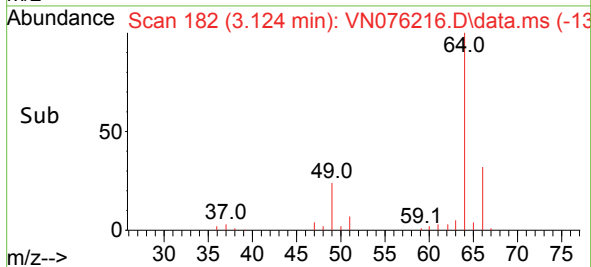
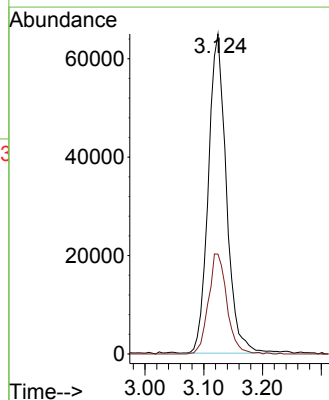
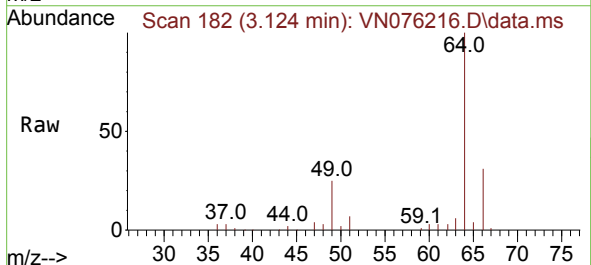
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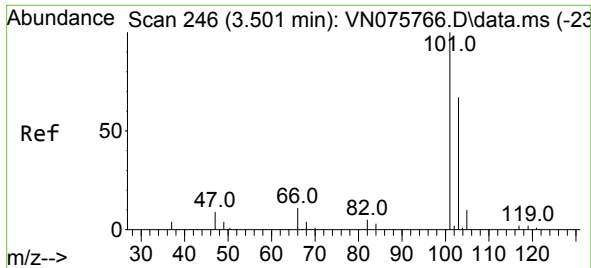
Tgt Ion: 94 Resp: 155872
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.6



#6
Chloroethane
Concen: 46.992 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 64 Resp: 138727
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8

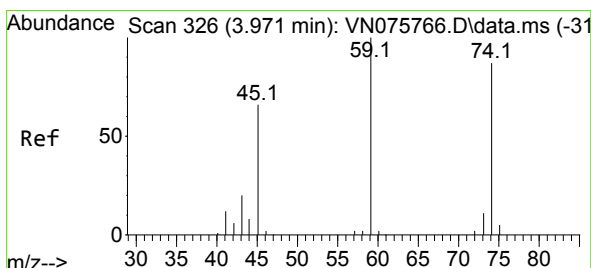
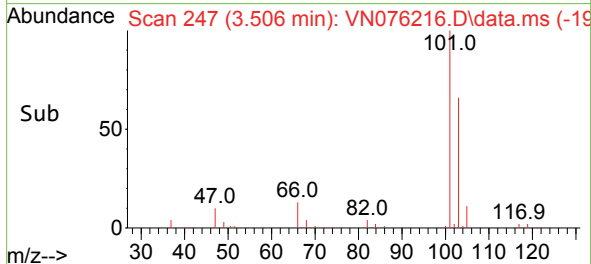
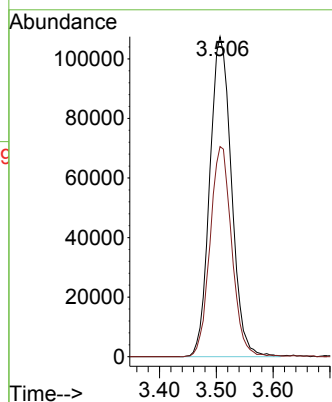
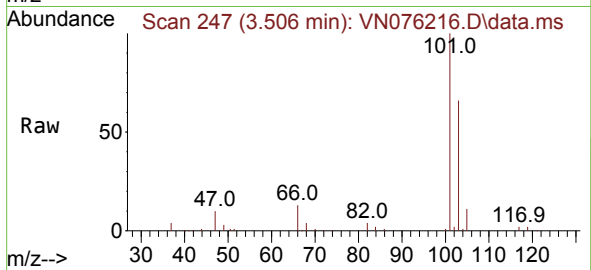




#7
Trichlorofluoromethane
Concen: 47.068 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

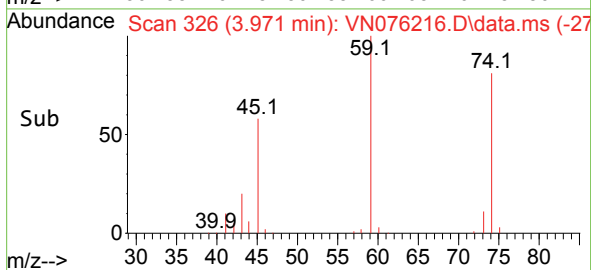
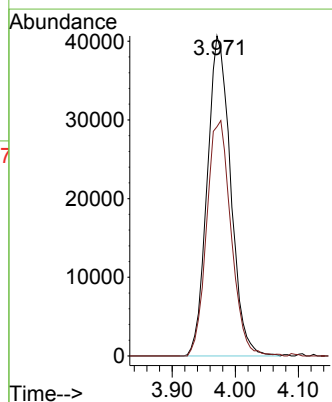
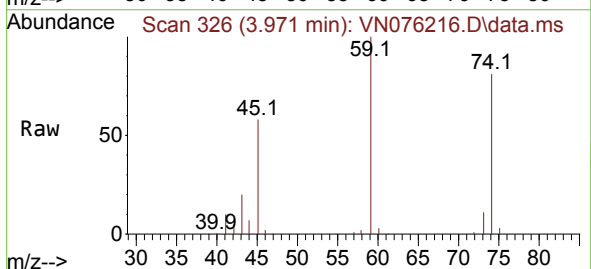
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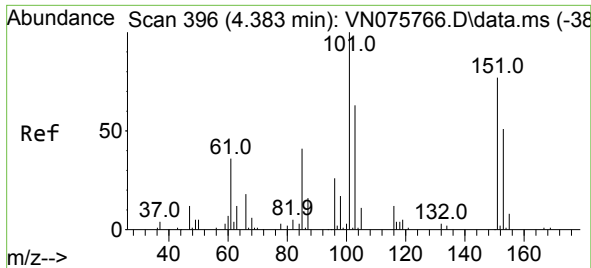
Tgt Ion:101 Resp: 284718
Ion Ratio Lower Upper
101 100
103 65.7 53.4 80.2



#8
Diethyl Ether
Concen: 47.470 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 74 Resp: 104880
Ion Ratio Lower Upper
74 100
45 76.7 37.8 113.4

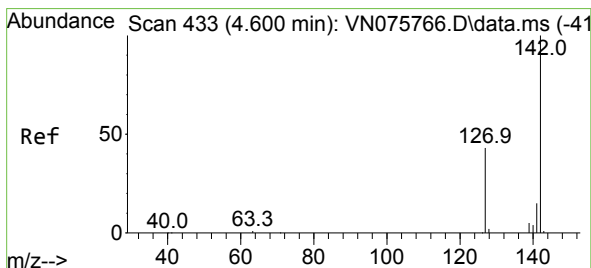
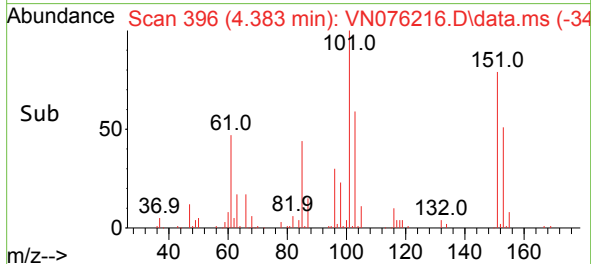
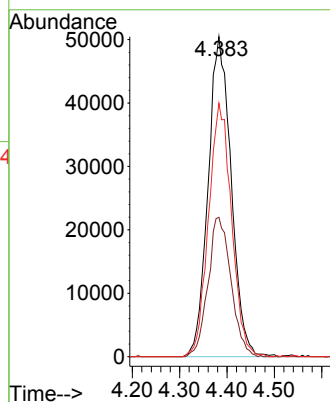
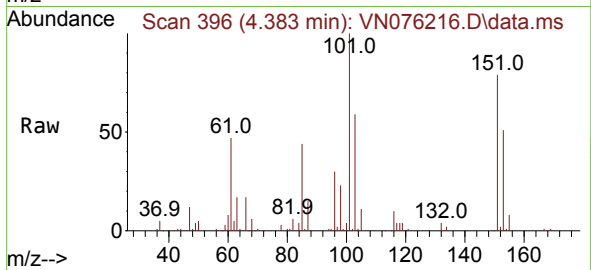




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.364 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
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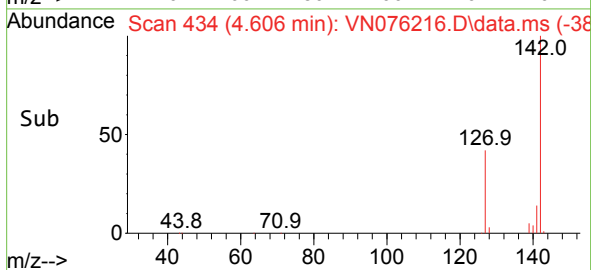
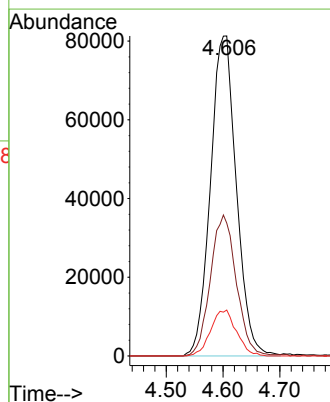
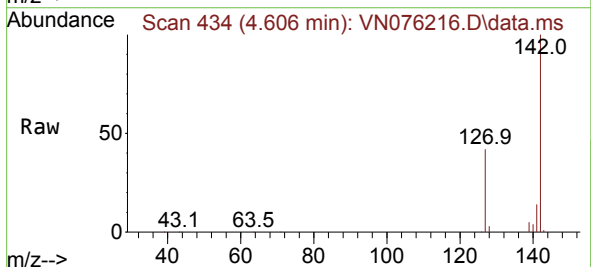
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

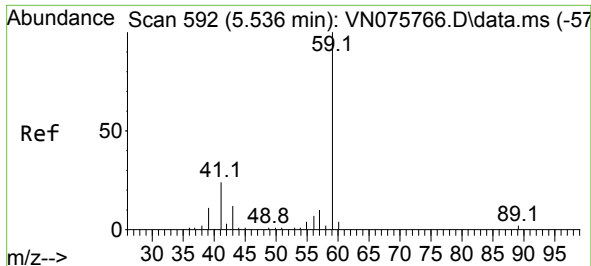
Tgt Ion:101 Resp: 170511
Ion Ratio Lower Upper
101 100
85 43.4 35.3 52.9
151 78.8 65.6 98.4



#10
Methyl Iodide
Concen: 45.949 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:142 Resp: 257577
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 14.3 11.4 17.2

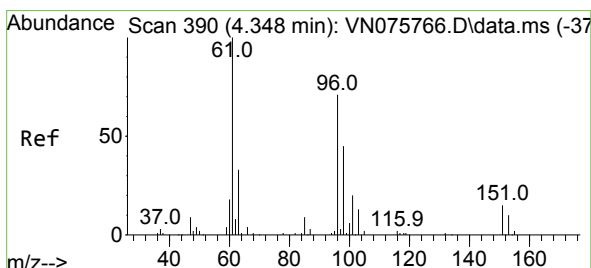
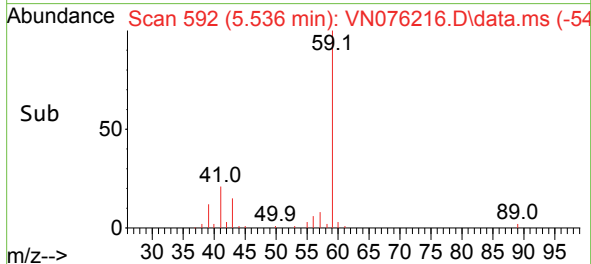
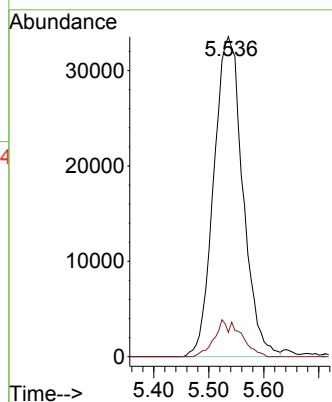
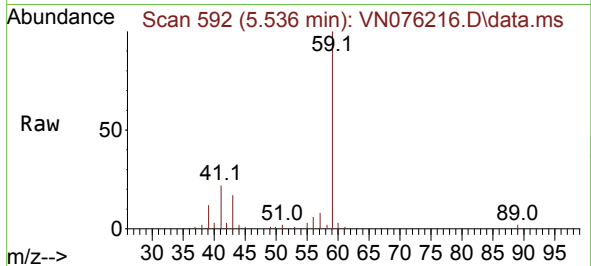




#11
Tert butyl alcohol
Concen: 211.269 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

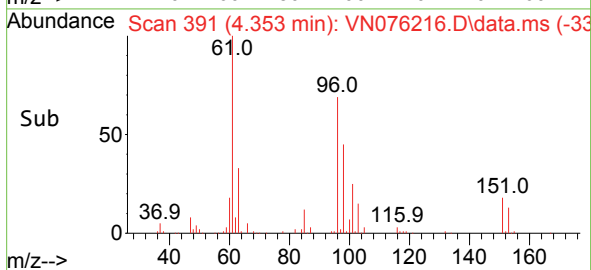
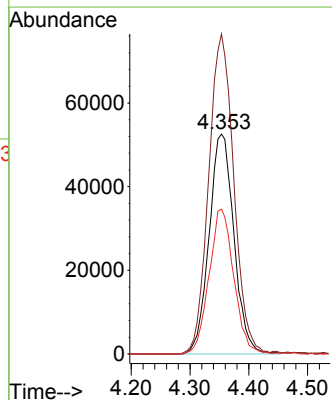
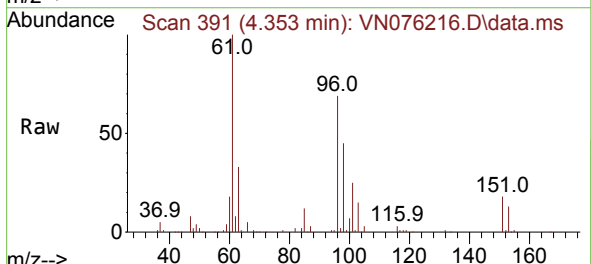
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

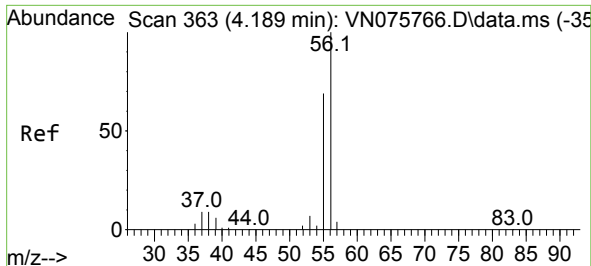
Tgt Ion: 59 Resp: 123102
Ion Ratio Lower Upper
59 100
57 5.5 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 45.966 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 96 Resp: 154205
Ion Ratio Lower Upper
96 100
61 145.6 113.3 169.9
98 65.9 50.9 76.3

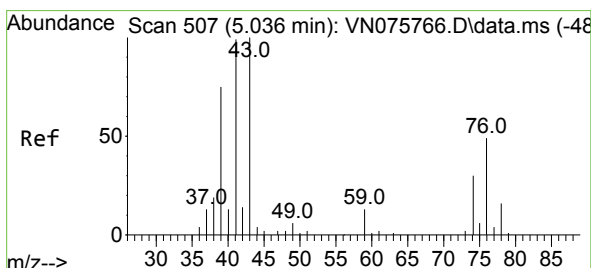
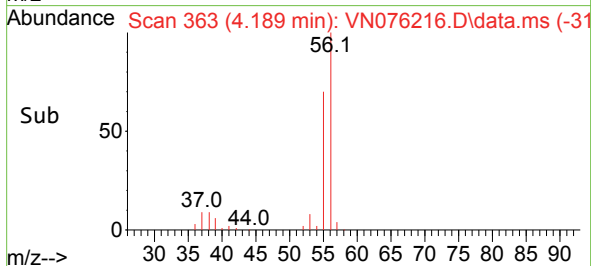
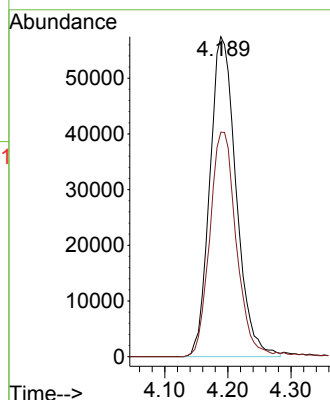
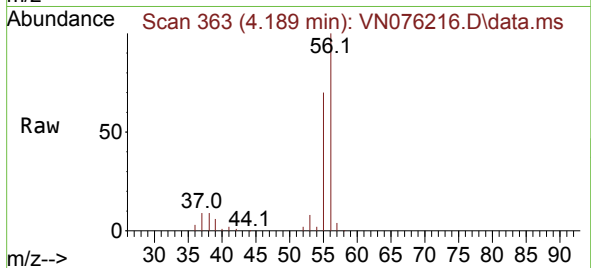




#13
Acrolein
Concen: 233.146 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

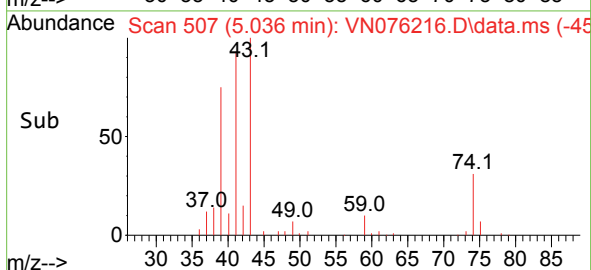
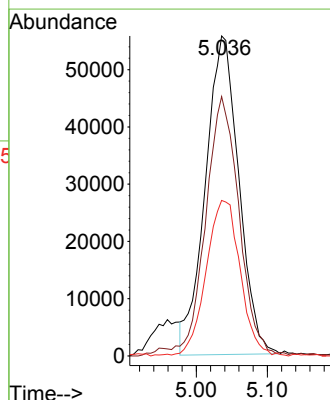
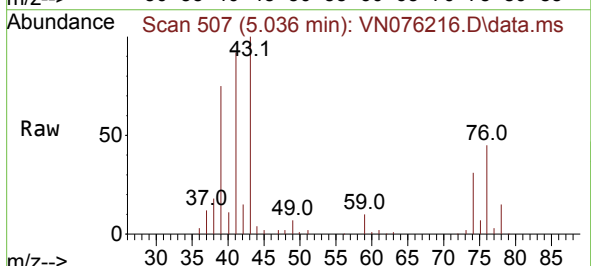
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

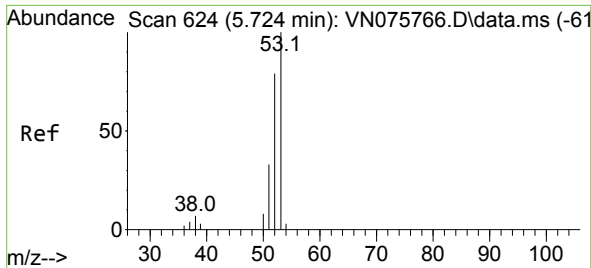
Tgt Ion: 56 Resp: 166547
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2



#14
Allyl chloride
Concen: 46.464 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 41 Resp: 182217
Ion Ratio Lower Upper
41 100
39 80.0 58.3 87.5
76 49.7 35.8 53.6

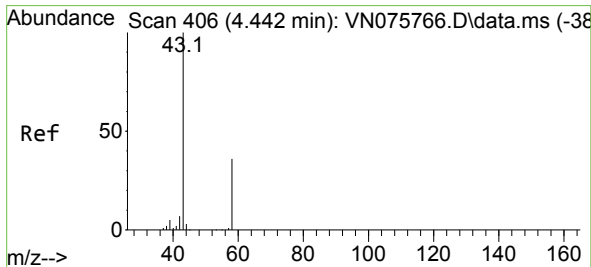
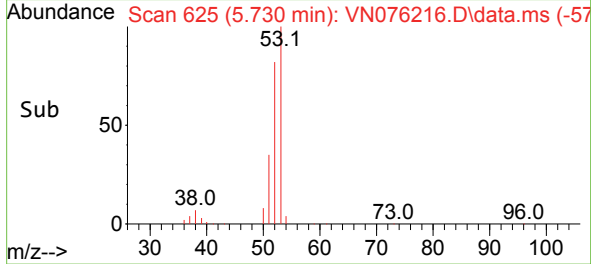
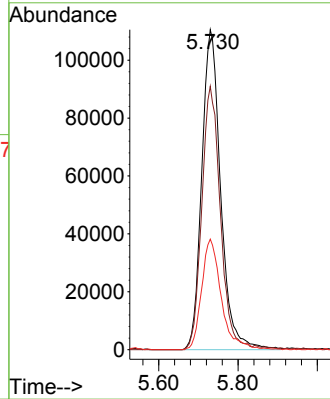
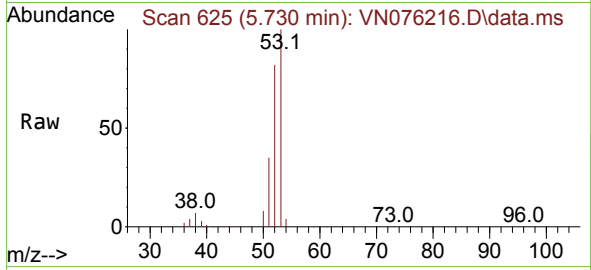




#15
Acrylonitrile
Concen: 230.422 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

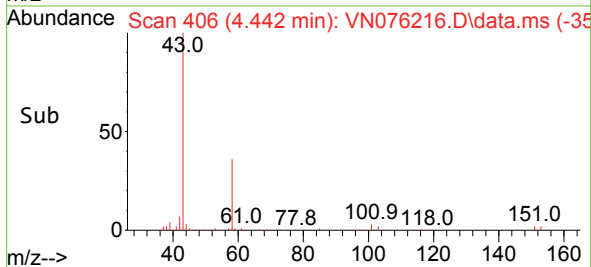
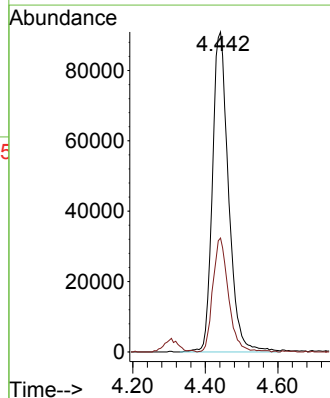
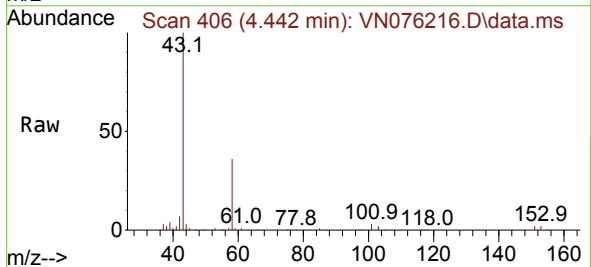
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

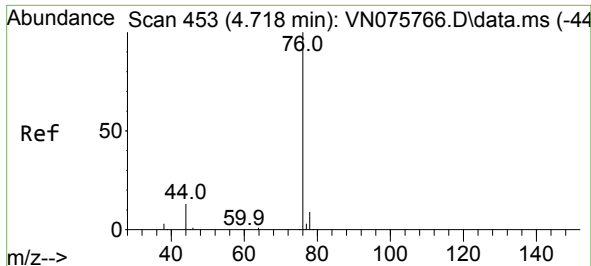
Tgt Ion: 53 Resp: 366394
Ion Ratio Lower Upper
53 100
52 80.6 65.4 98.0
51 35.7 28.9 43.3



#16
Acetone
Concen: 197.681 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 43 Resp: 280613
Ion Ratio Lower Upper
43 100
58 35.6 28.6 43.0

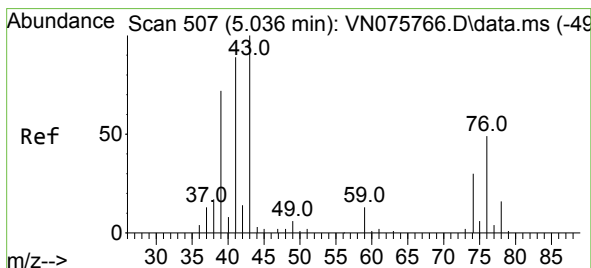
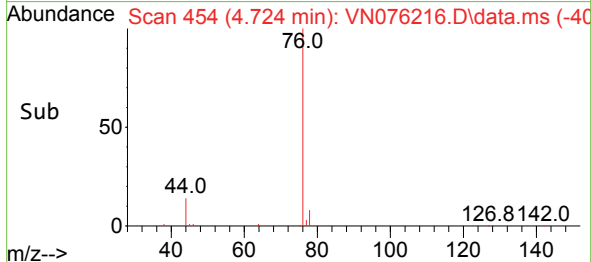
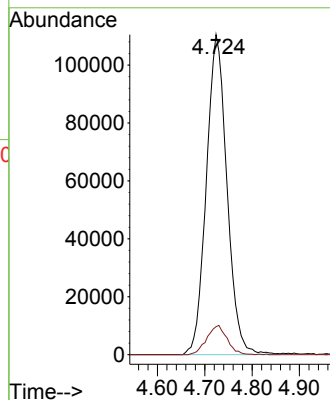
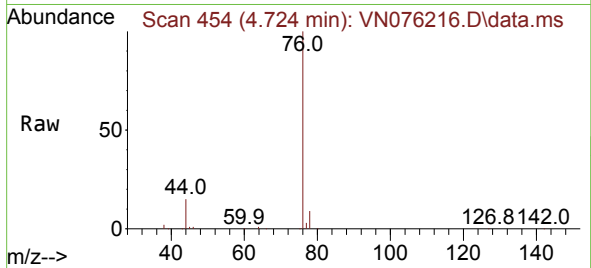




#17
Carbon Disulfide
Concen: 41.181 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

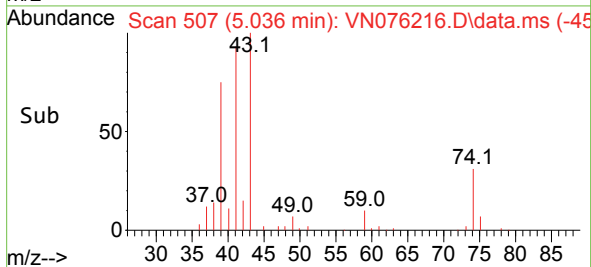
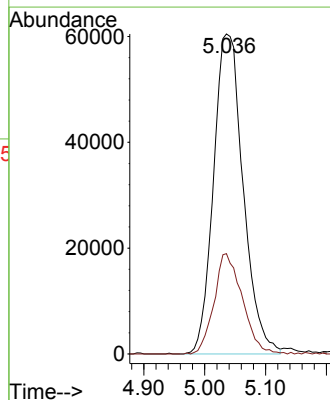
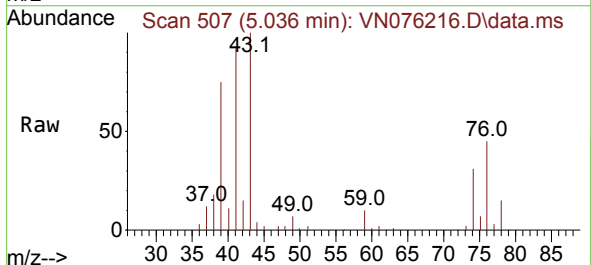
Instrument :
MSVOA_N
ClientSampleId :
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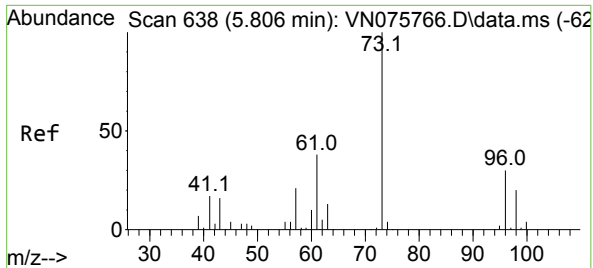
Tgt Ion: 76 Resp: 334491
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 48.764 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 43 Resp: 204613
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4

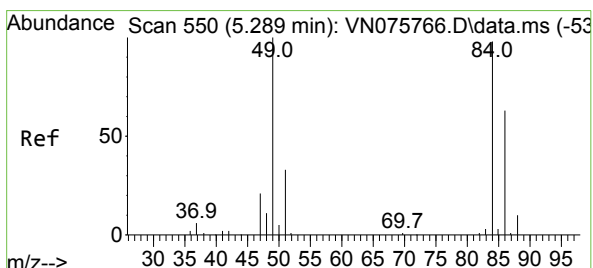
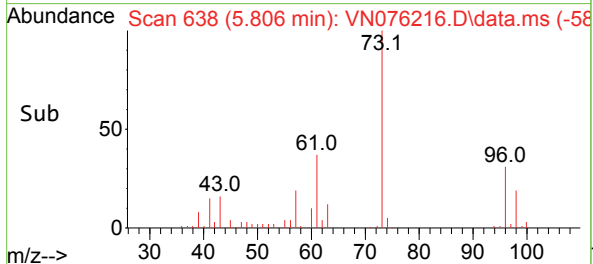
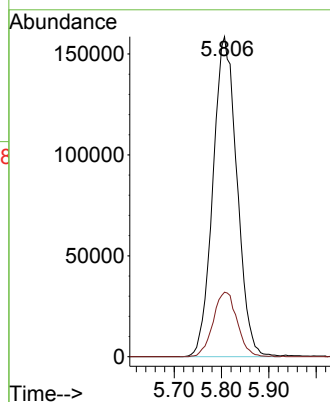
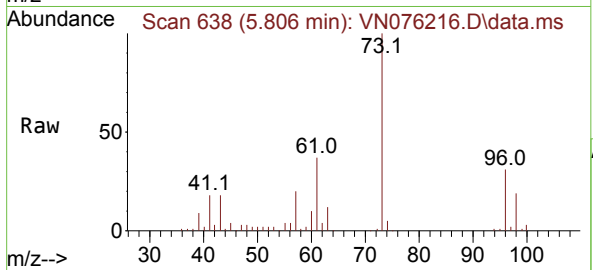




#19
Methyl tert-butyl Ether
Concen: 50.586 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

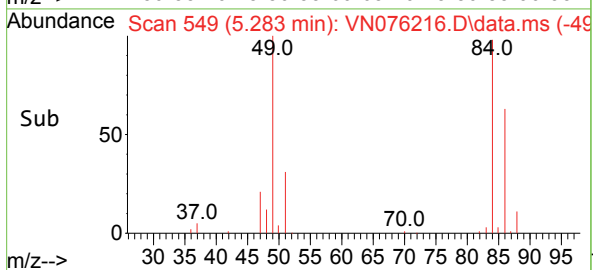
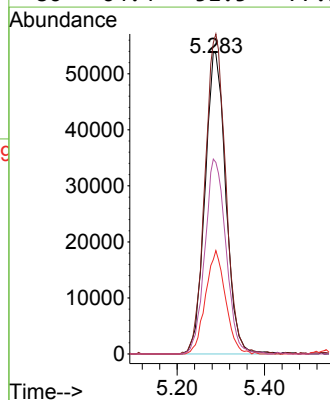
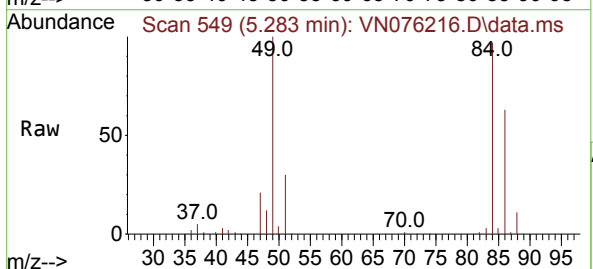
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

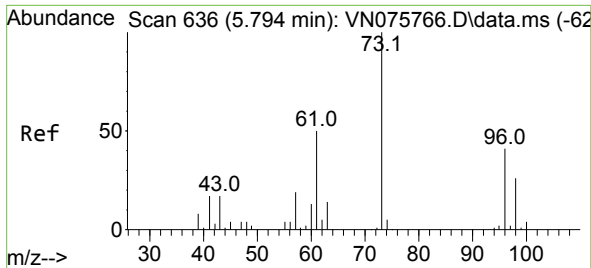
Tgt Ion: 73 Resp: 558844
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7



#20
Methylene Chloride
Concen: 46.752 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 84 Resp: 177692
Ion Ratio Lower Upper
84 100
49 102.9 81.8 122.6
51 31.2 26.7 40.1
86 64.4 51.5 77.3

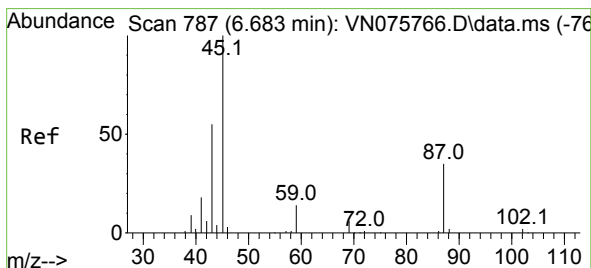
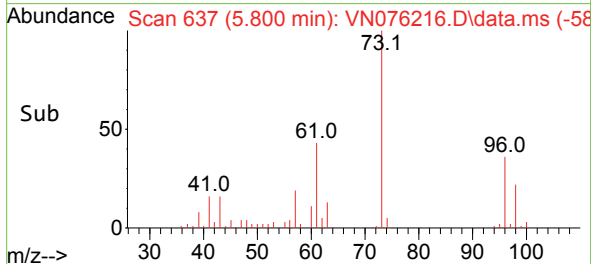
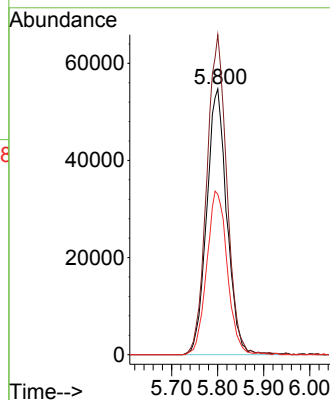
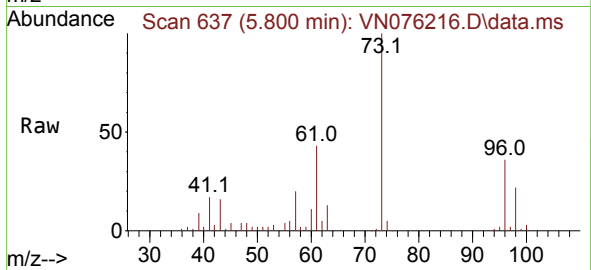




#21
trans-1,2-Dichloroethene
Concen: 45.314 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

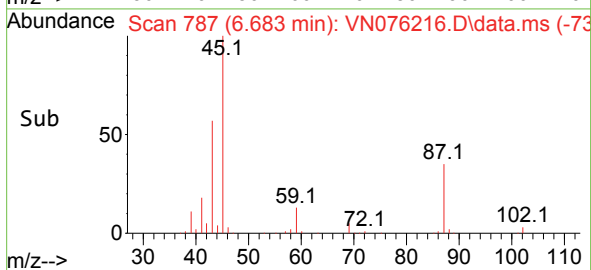
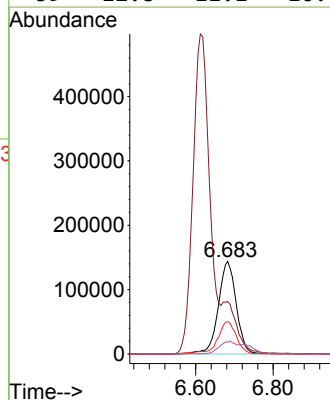
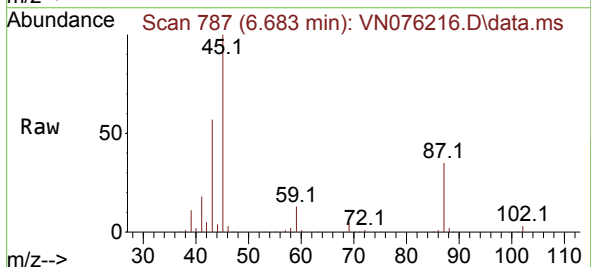
Instrument :
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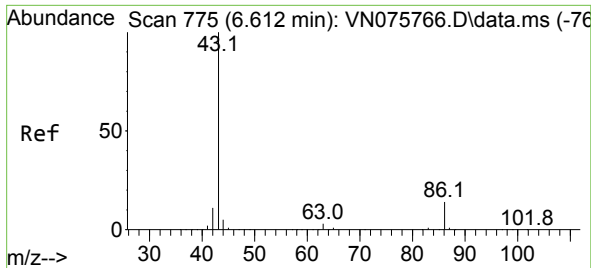
Tgt Ion: 96 Resp: 166483
Ion Ratio Lower Upper
96 100
61 120.4 98.1 147.1
98 60.4 51.4 77.2



#22
Diisopropyl ether
Concen: 48.443 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 45 Resp: 461506
Ion Ratio Lower Upper
45 100
43 55.9 44.2 66.4
87 34.9 28.3 42.5
59 12.8 11.1 16.7

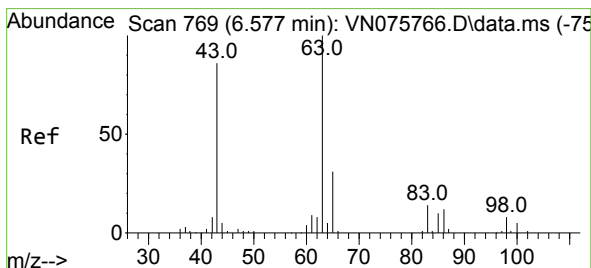
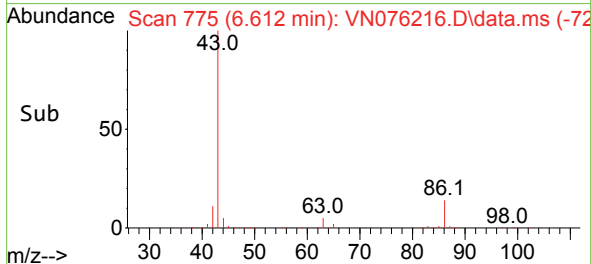
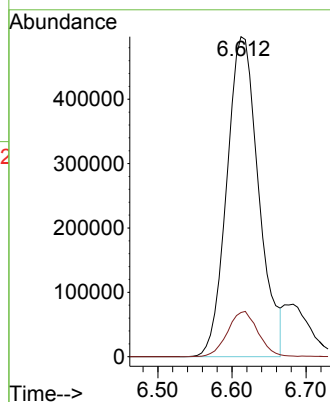
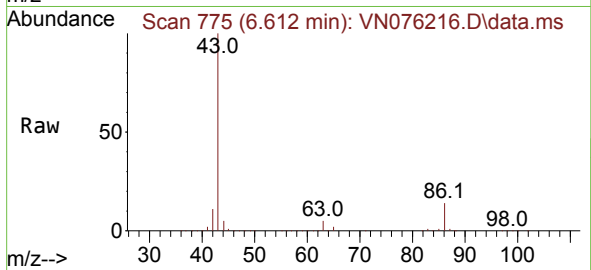




#23
 Vinyl Acetate
 Concen: 232.100 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

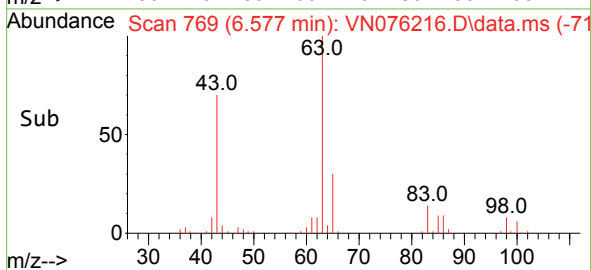
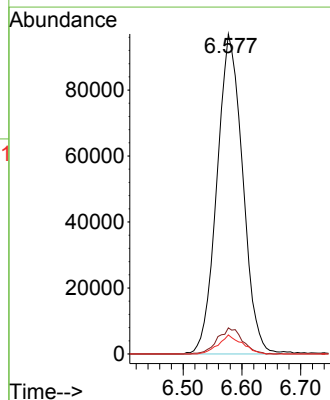
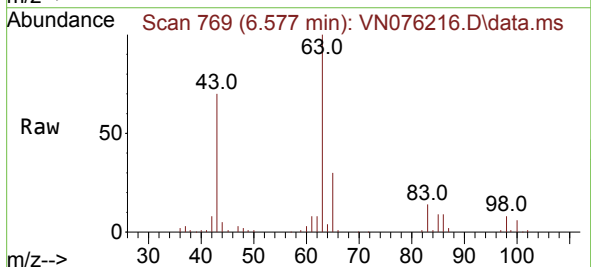
Instrument :
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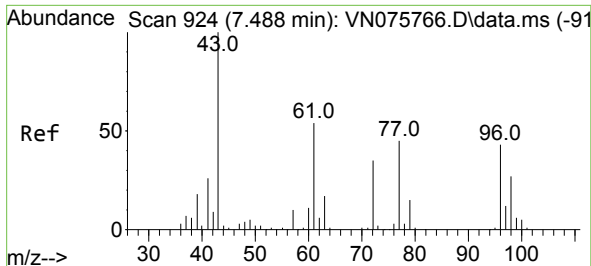
Tgt Ion: 43 Resp: 1488277
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 46.356 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Tgt Ion: 63 Resp: 294526
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 6.0 2.5 7.6

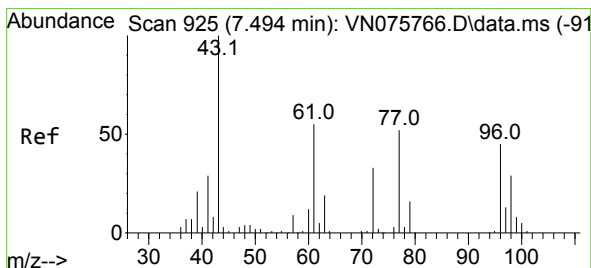
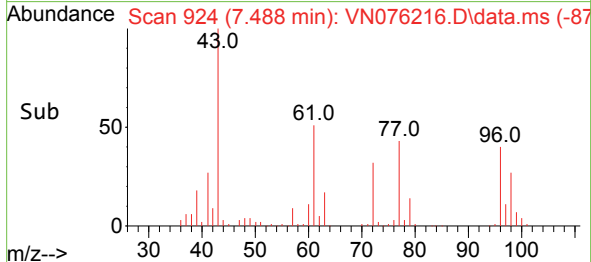
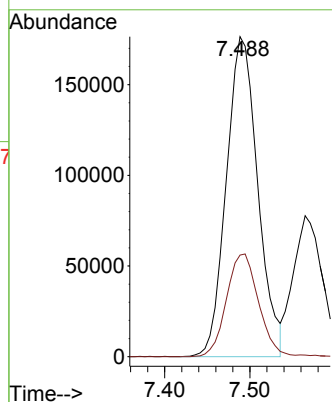
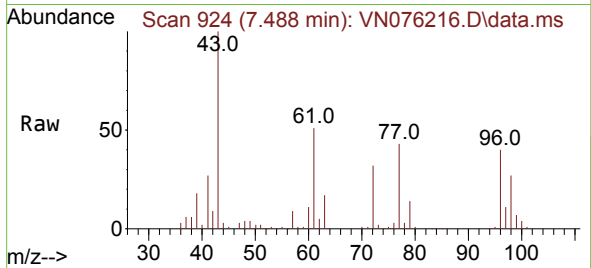




#25
2-Butanone
Concen: 228.049 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

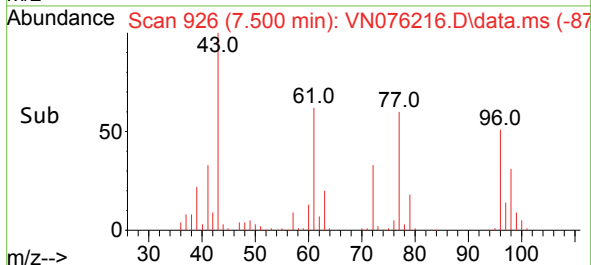
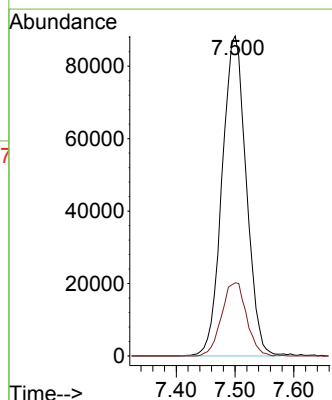
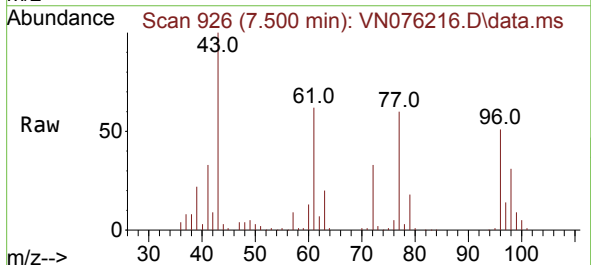
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

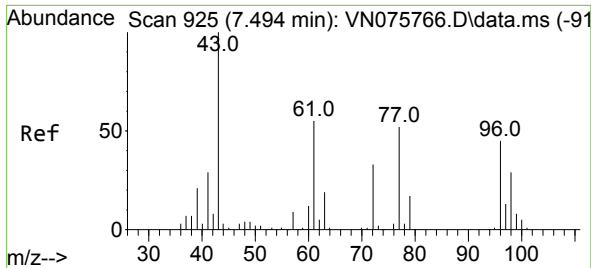
Tgt Ion: 43 Resp: 453269
Ion Ratio Lower Upper
43 100
72 31.7 28.0 42.0



#26
2,2-Dichloropropane
Concen: 46.905 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 77 Resp: 252375
Ion Ratio Lower Upper
77 100
97 23.6 12.7 38.0

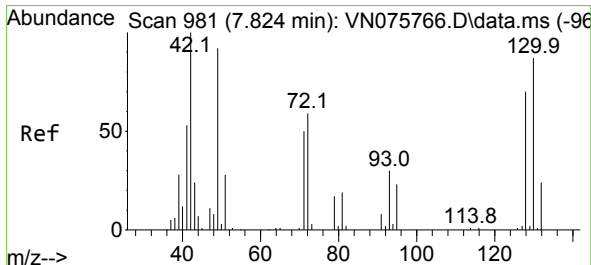
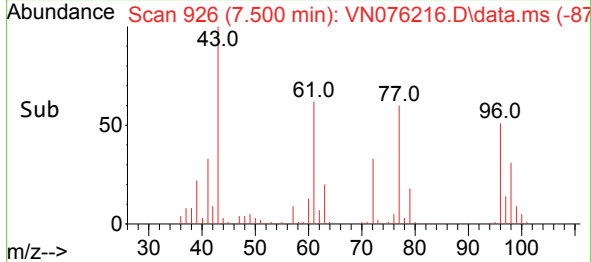
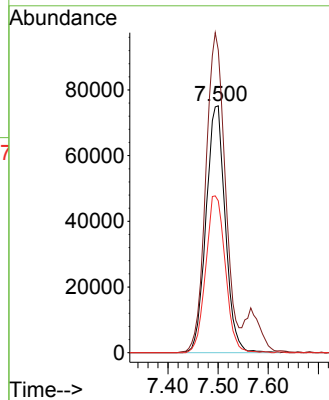
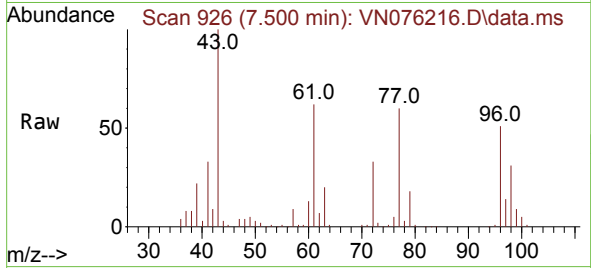




#27
 cis-1,2-Dichloroethene
 Concen: 45.510 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

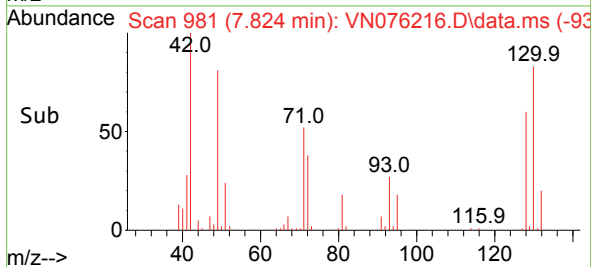
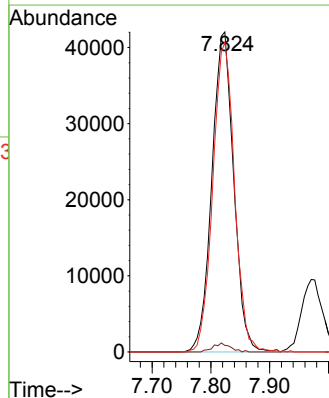
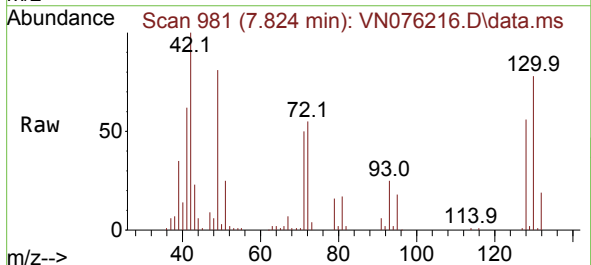
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

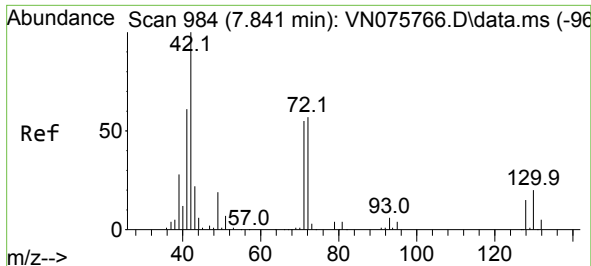
Tgt Ion: 96 Resp: 199971
 Ion Ratio Lower Upper
 96 100
 61 131.4 0.0 247.8
 98 64.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 38.894 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Tgt Ion: 49 Resp: 108311
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.0
 130 96.4 77.0 115.4

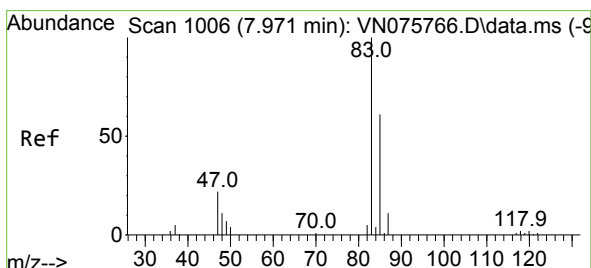
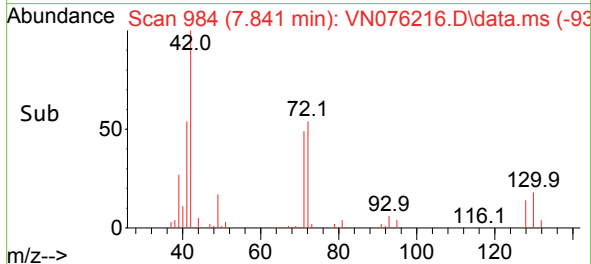
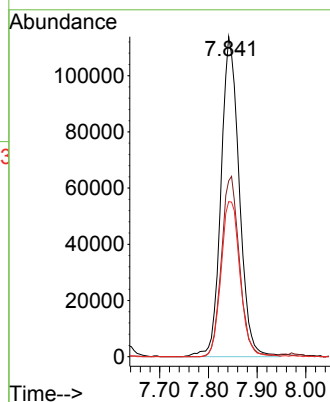
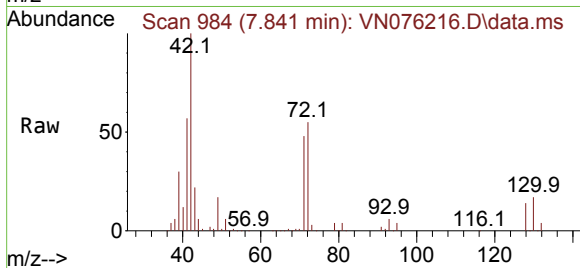




#29
Tetrahydrofuran
Concen: 238.161 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

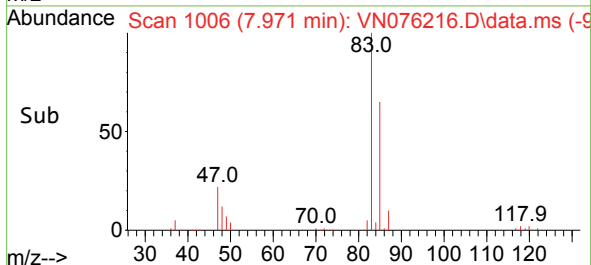
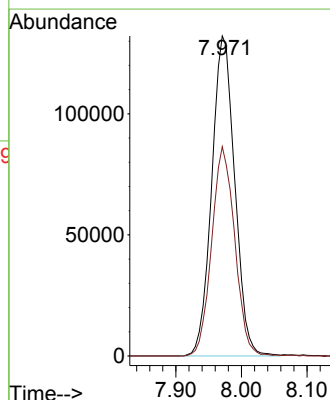
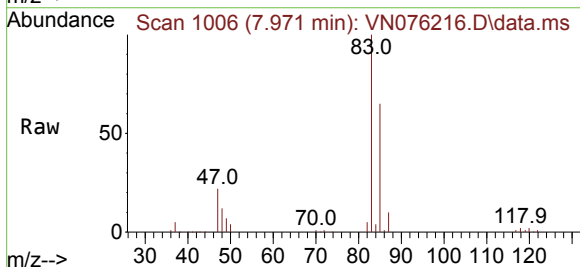
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

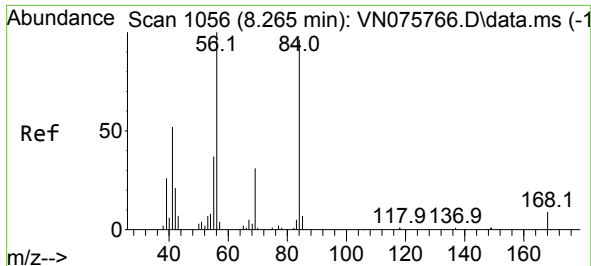
Tgt Ion: 42 Resp: 296647
Ion Ratio Lower Upper
42 100
72 55.6 44.5 66.7
71 50.5 41.0 61.6



#30
Chloroform
Concen: 45.039 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 83 Resp: 322185
Ion Ratio Lower Upper
83 100
85 65.4 49.1 73.7





#31

Cyclohexane

Concen: 44.200 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

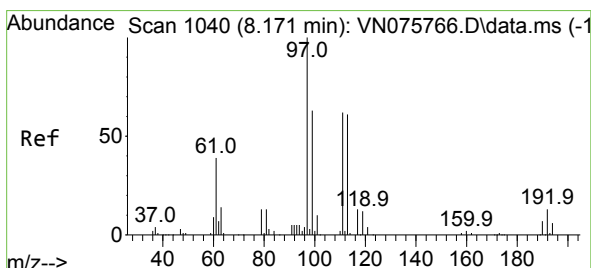
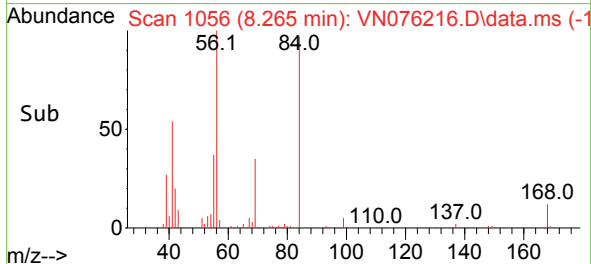
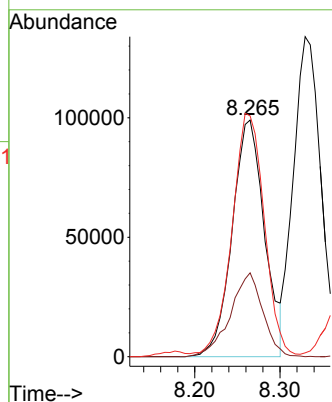
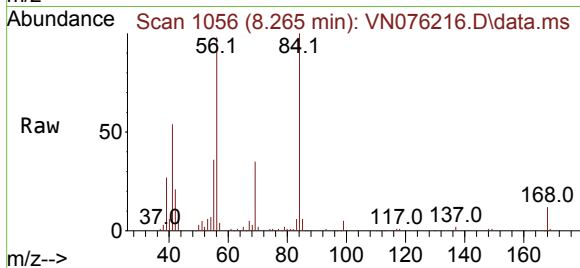
Tgt Ion: 56 Resp: 260673

Ion Ratio Lower Upper

56 100

69 35.4 24.7 37.1

84 99.8 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 46.737 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

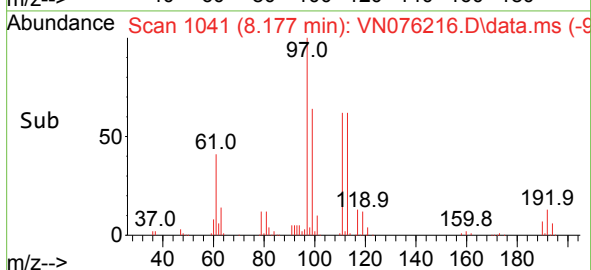
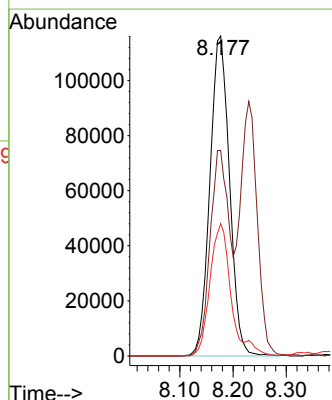
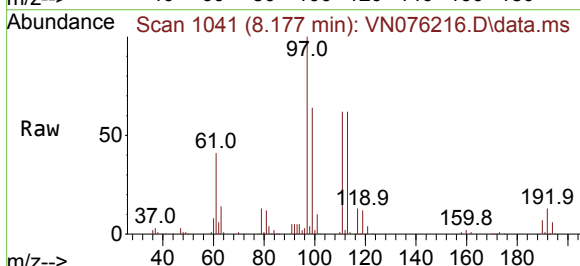
Tgt Ion: 97 Resp: 296404

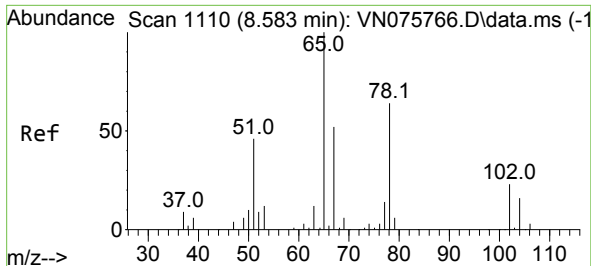
Ion Ratio Lower Upper

97 100

99 62.8 50.2 75.2

61 44.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.117 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

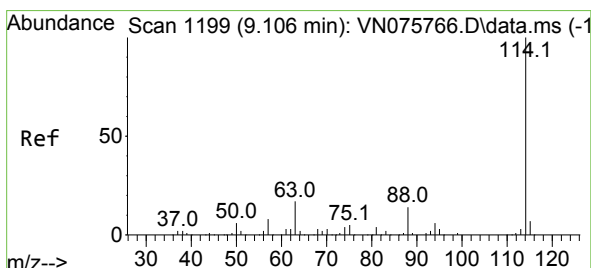
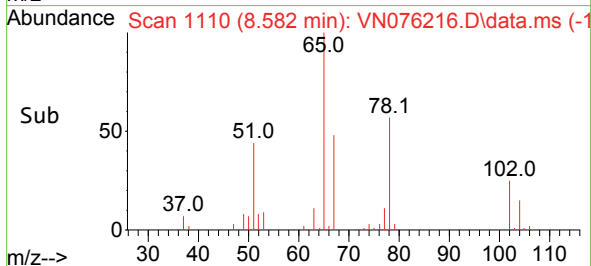
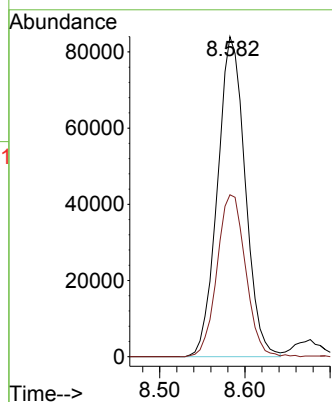
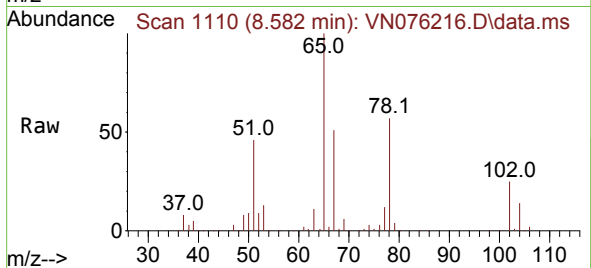
VSTDCCC050EC

Tgt Ion: 65 Resp: 189907

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

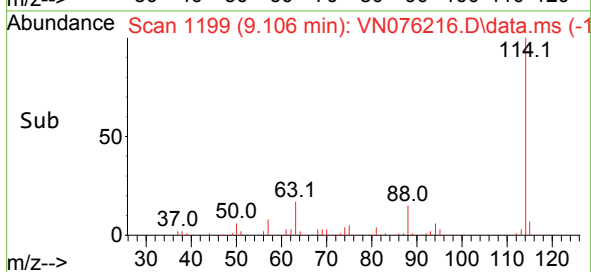
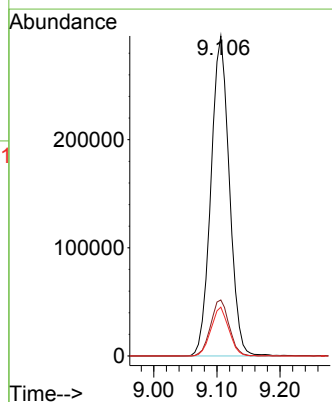
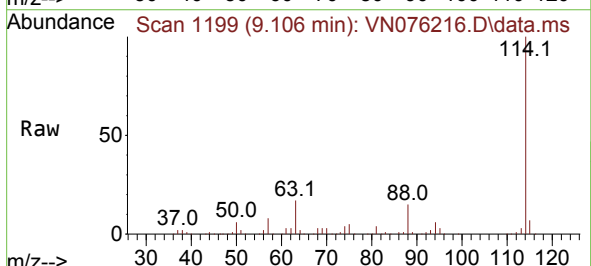
Tgt Ion: 114 Resp: 598252

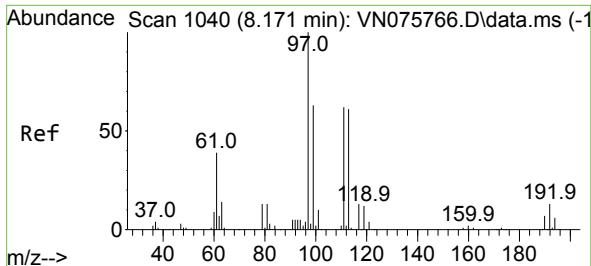
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 15.3 0.0 28.8

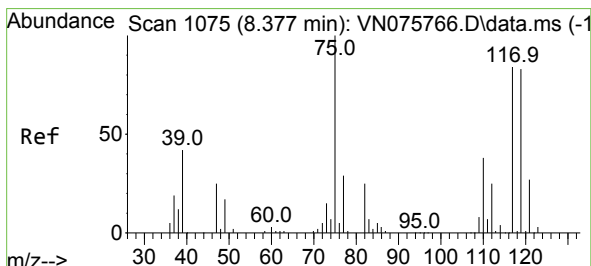
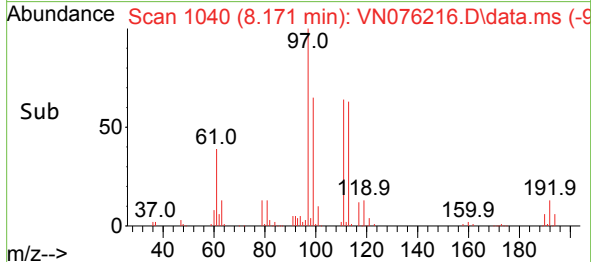
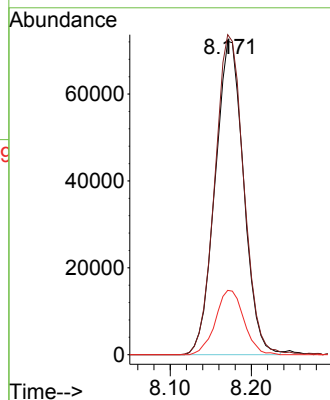
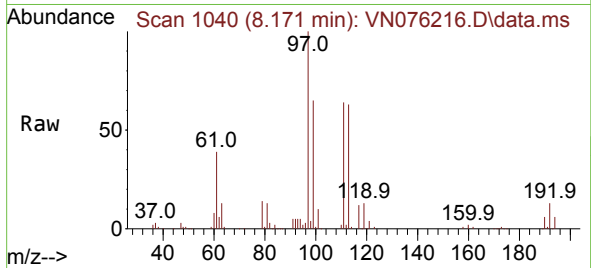




#35
Dibromofluoromethane
Concen: 47.648 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

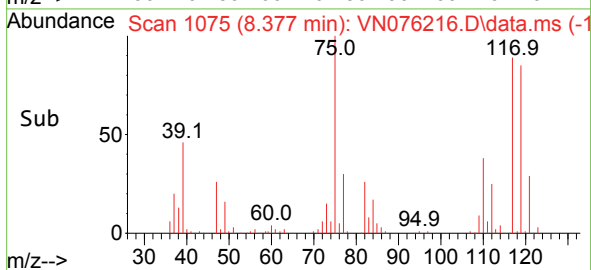
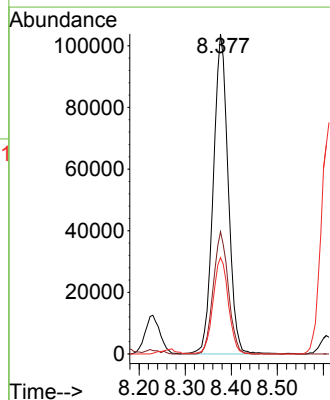
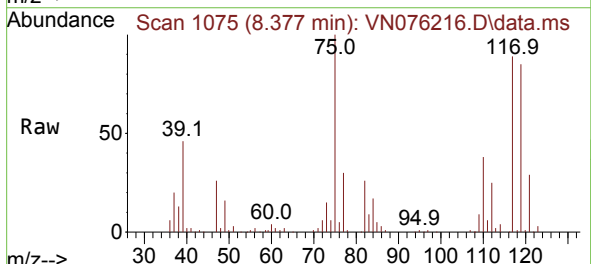
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

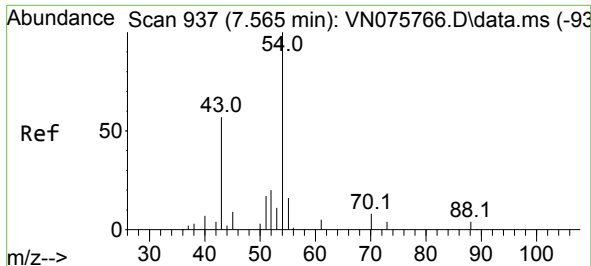
Tgt Ion:113 Resp: 176529
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 20.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 47.352 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 75 Resp: 233047
Ion Ratio Lower Upper
75 100
110 38.5 18.8 56.4
77 30.9 24.1 36.1

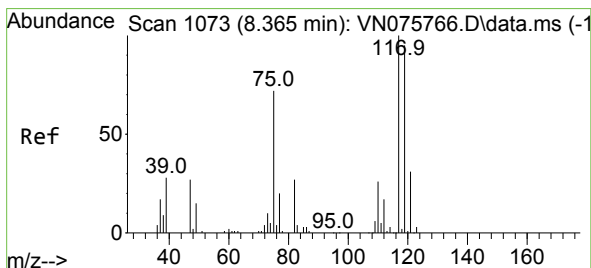
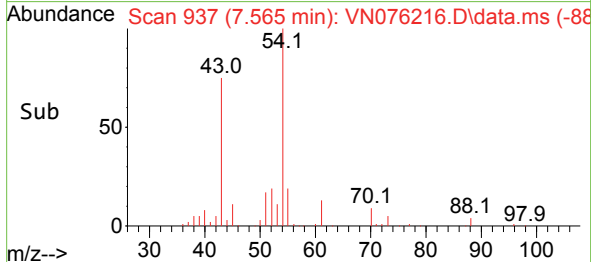
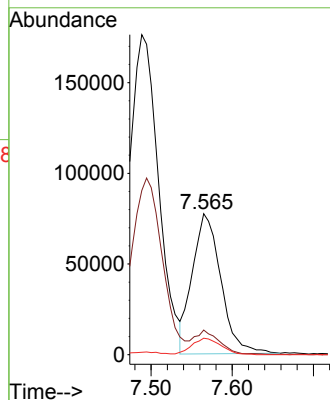
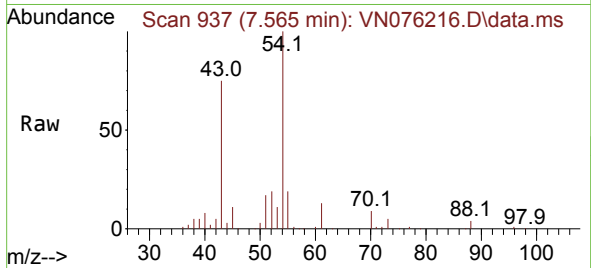




#37
Ethyl Acetate
Concen: 47.742 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

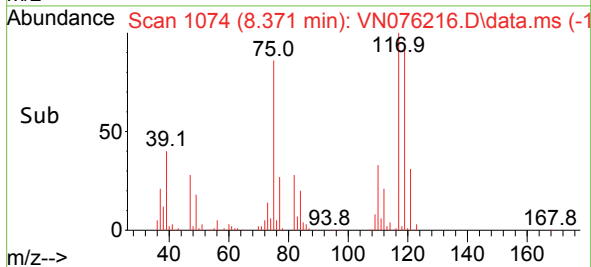
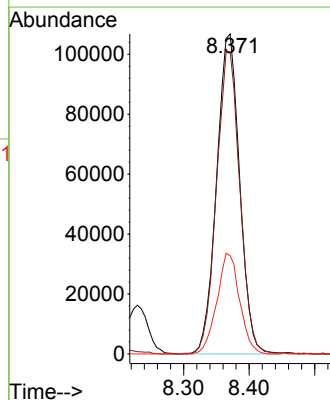
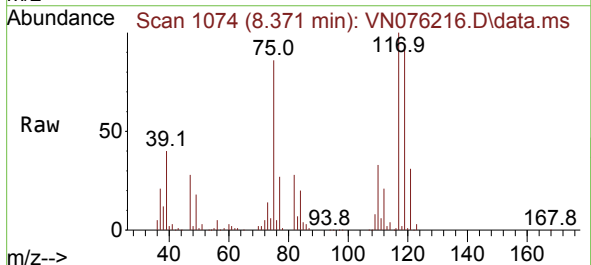
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

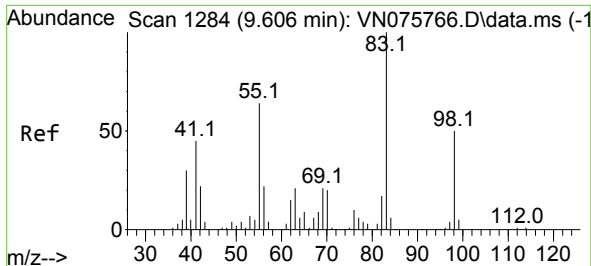
Tgt Ion: 43 Resp: 188735
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 12.0 9.4 14.0



#38
Carbon Tetrachloride
Concen: 47.193 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 117 Resp: 259958
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 49.713 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

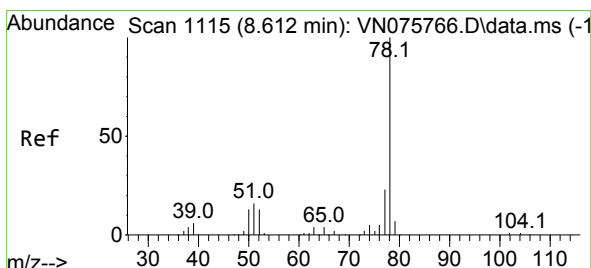
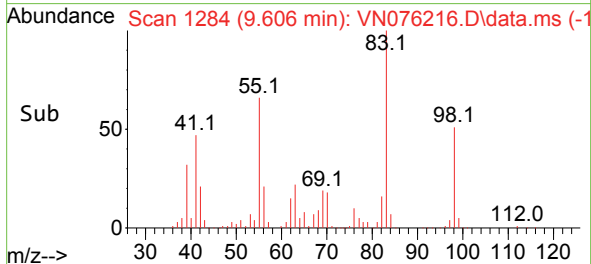
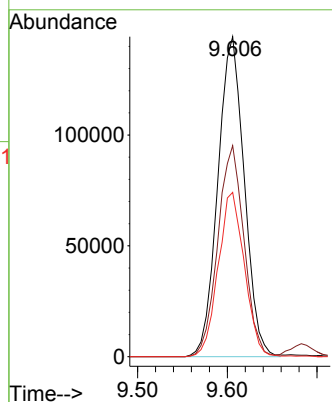
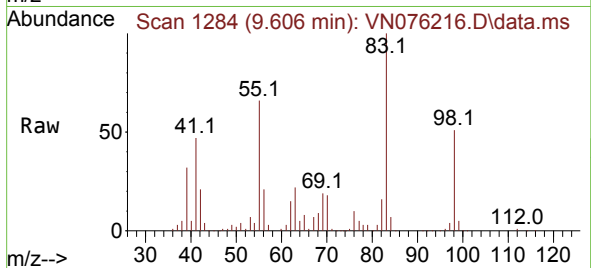
Tgt Ion: 83 Resp: 295172

Ion Ratio Lower Upper

83 100

55 66.0 51.4 77.0

98 51.4 39.8 59.8



#40

Benzene

Concen: 46.348 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076216.D

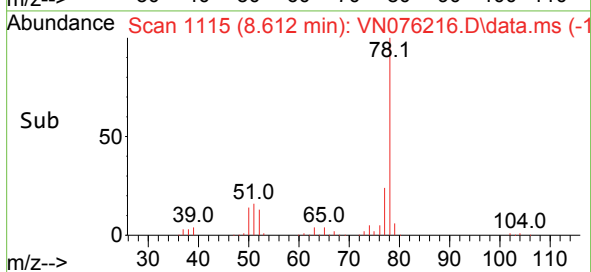
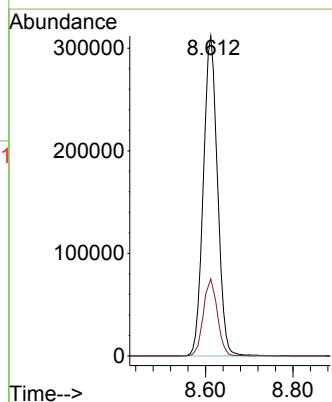
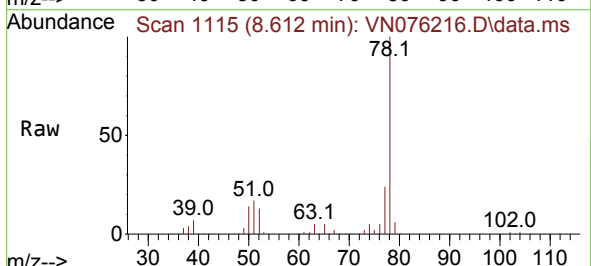
Acq: 11 Jan 2023 18:23

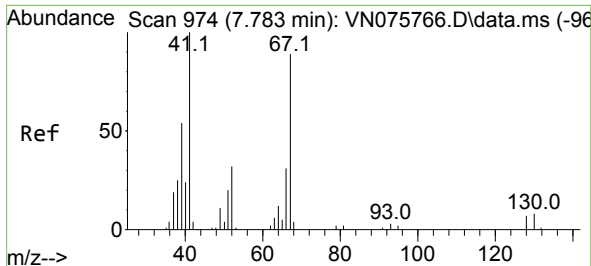
Tgt Ion: 78 Resp: 703789

Ion Ratio Lower Upper

78 100

77 24.1 18.5 27.7



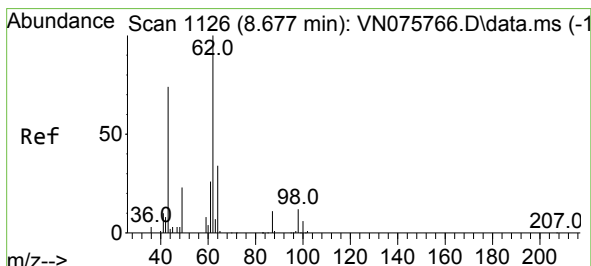
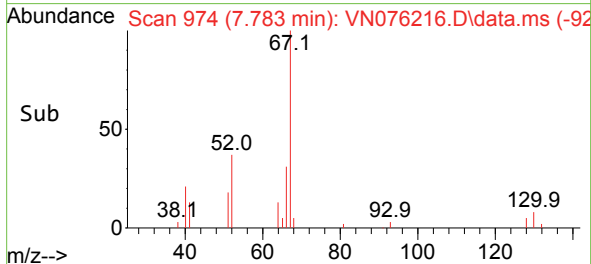
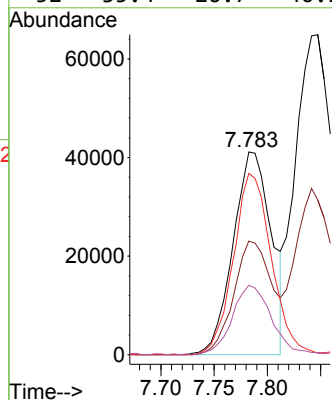
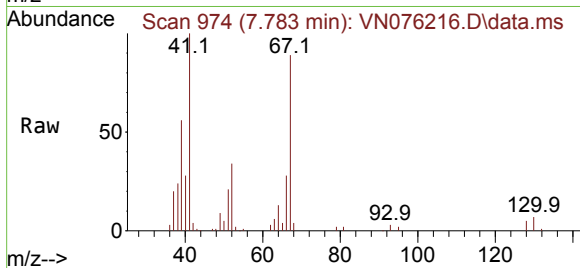


#41
Methacrylonitrile
Concen: 50.053 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 102852

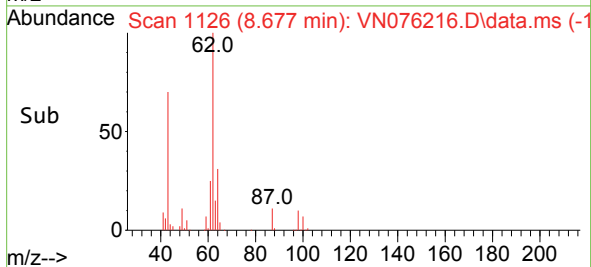
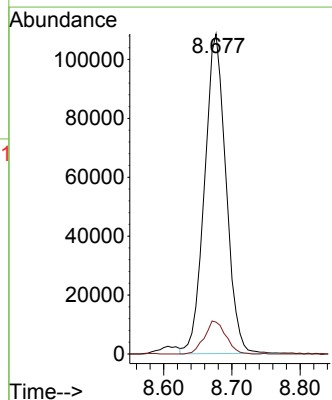
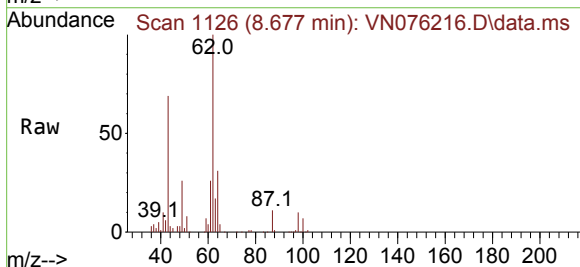
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.1	64.7
67	89.1	70.7	106.1
52	35.4	26.7	40.1

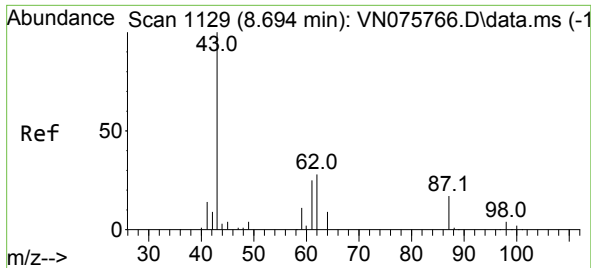


#42
1,2-Dichloroethane
Concen: 46.880 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 62 Resp: 236663

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8

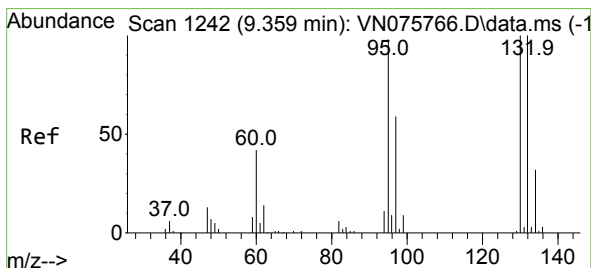
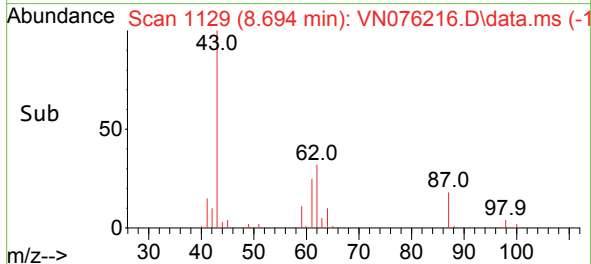
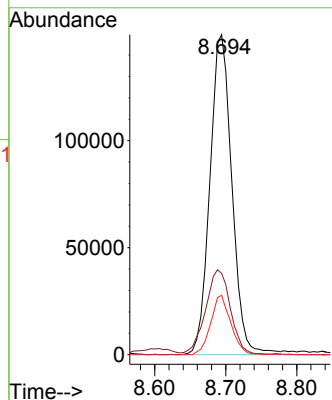
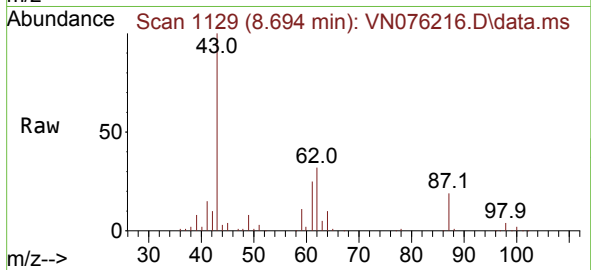




#43
Isopropyl Acetate
Concen: 49.360 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

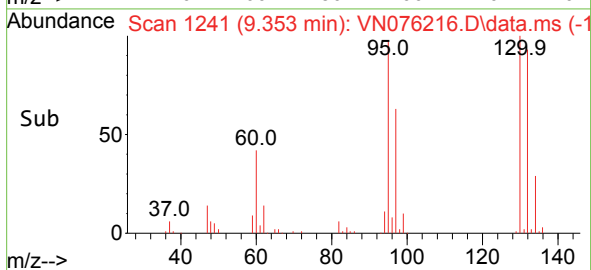
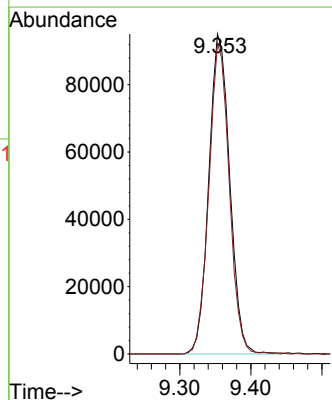
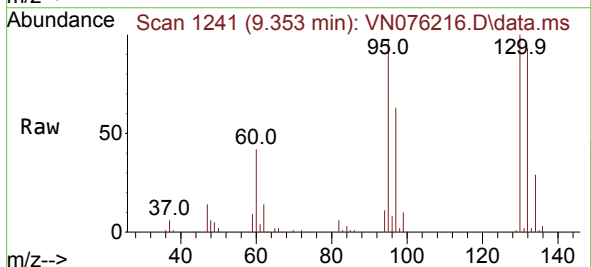
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

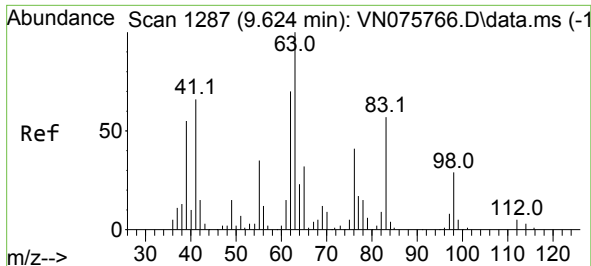
Tgt Ion: 43 Resp: 321883
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 16.9 13.3 19.9



#44
Trichloroethene
Concen: 45.448 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:130 Resp: 194419
Ion Ratio Lower Upper
130 100
95 97.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 46.072 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

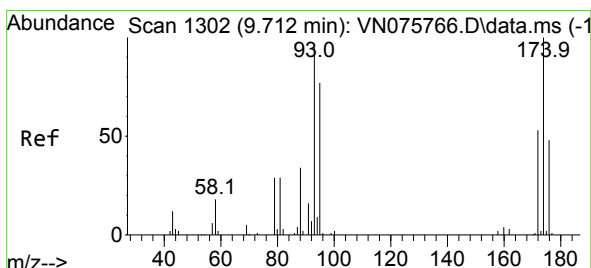
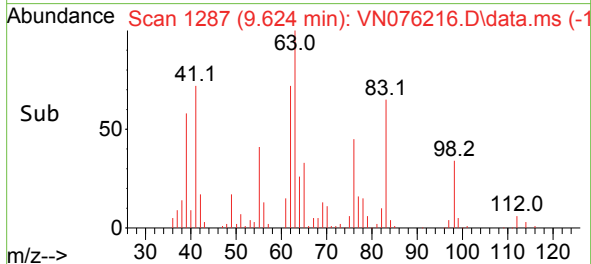
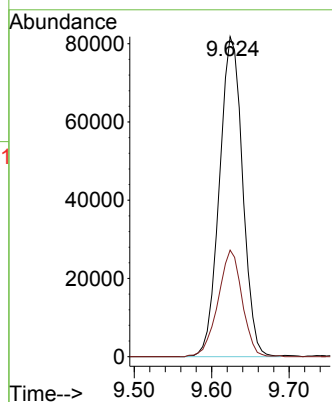
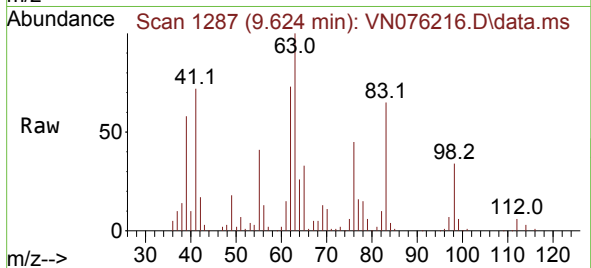
VSTDCCC050EC

Tgt Ion: 63 Resp: 170241

Ion Ratio Lower Upper

63 100

65 33.3 25.7 38.5



#46

Dibromomethane

Concen: 46.704 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

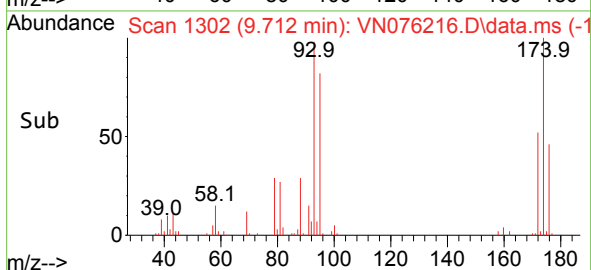
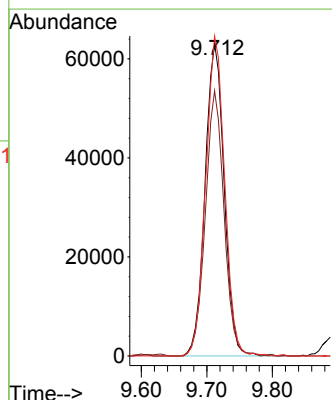
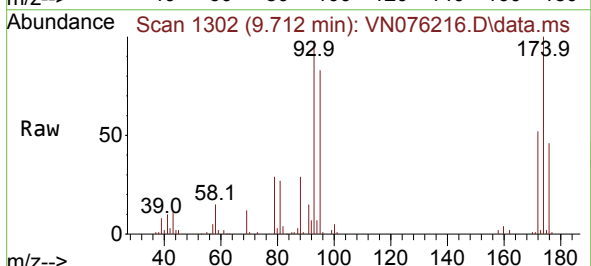
Tgt Ion: 93 Resp: 128002

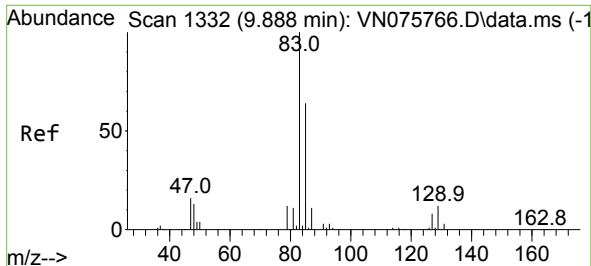
Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 101.8 82.4 123.6

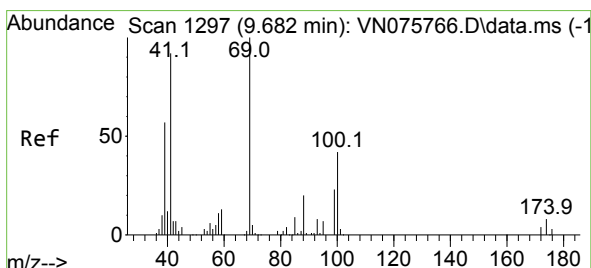
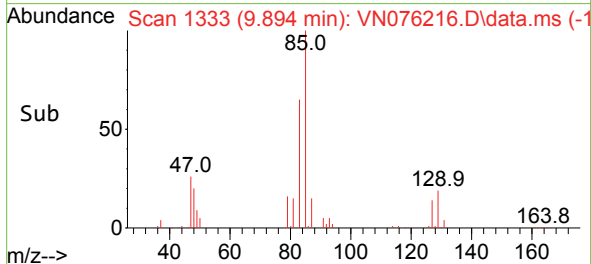
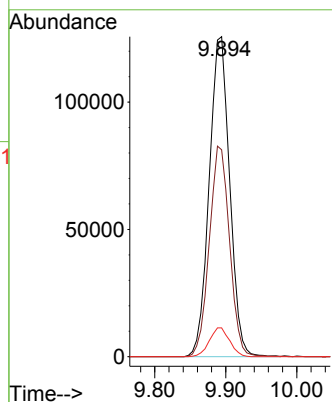
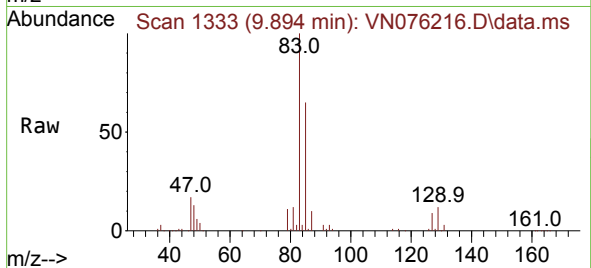




#47
Bromodichloromethane
Concen: 46.774 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

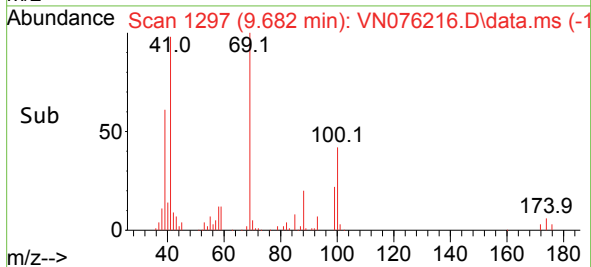
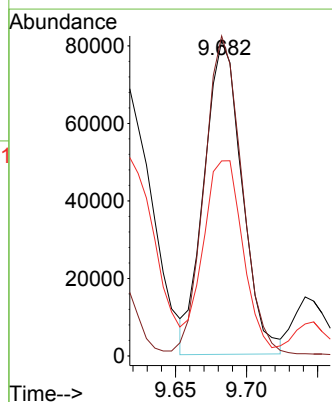
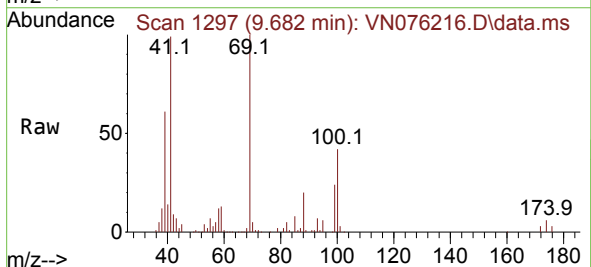
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

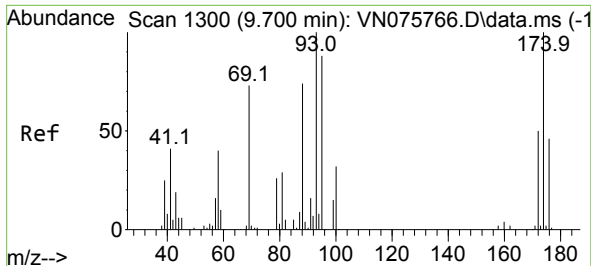
Tgt Ion: 83 Resp: 251394
Ion Ratio Lower Upper
83 100
85 64.7 51.5 77.3
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 51.049 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 41 Resp: 149934
Ion Ratio Lower Upper
41 100
69 102.7 81.9 122.9
39 66.6 51.6 77.4

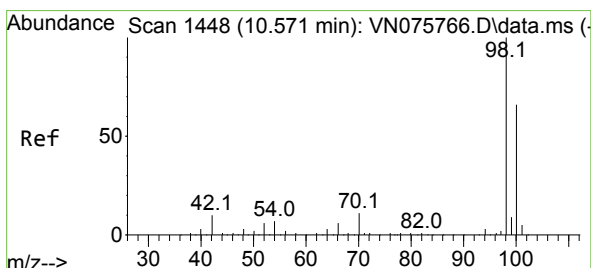
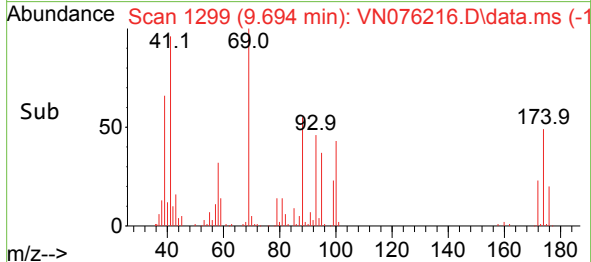
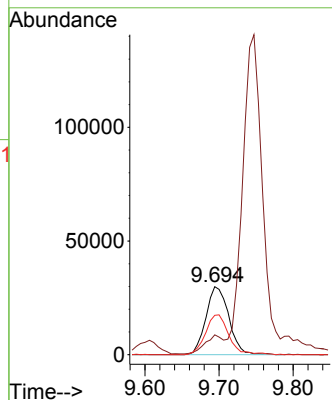
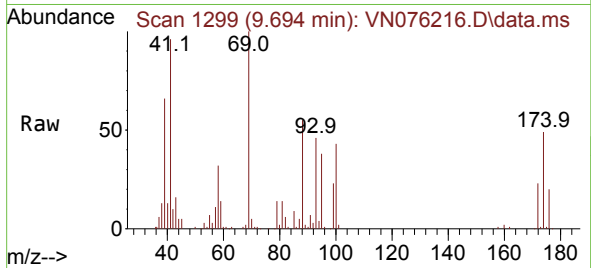




#49
1,4-Dioxane
Concen: 888.472 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

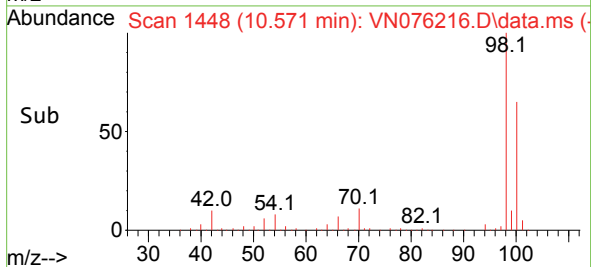
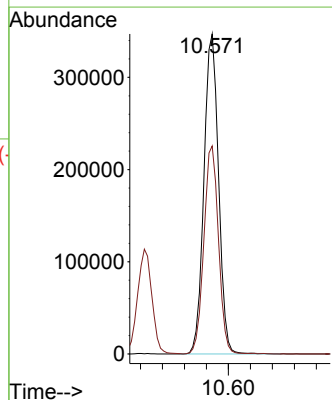
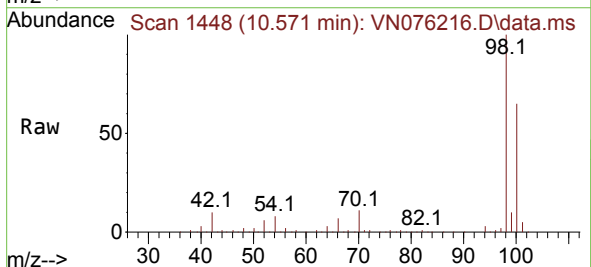
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

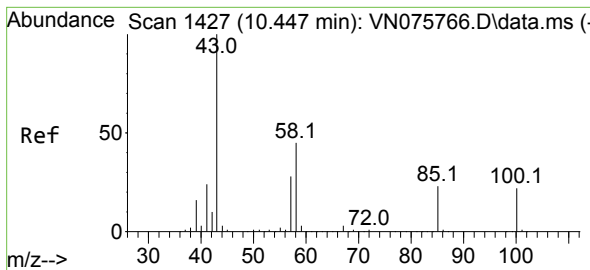
Tgt Ion: 88 Resp: 64153
Ion Ratio Lower Upper
88 100
43 22.5 17.1 25.7
58 59.8 47.8 71.8



#50
Toluene-d8
Concen: 46.200 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 98 Resp: 639965
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

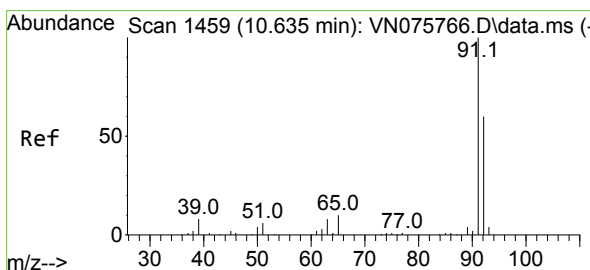
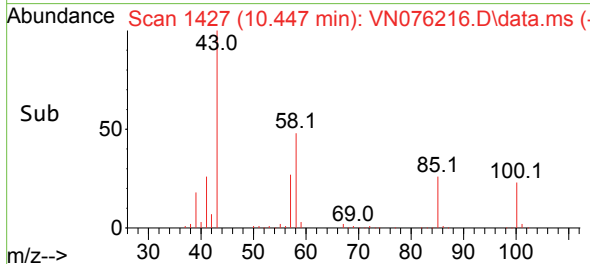
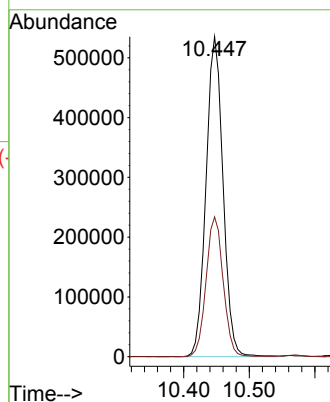
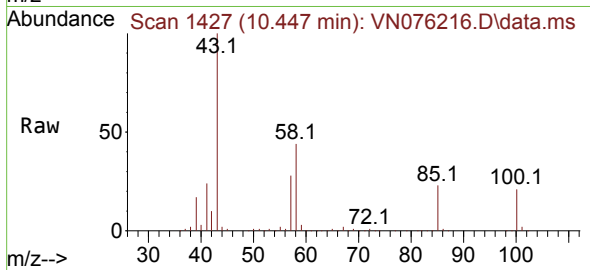




#51
4-Methyl-2-Pentanone
Concen: 245.359 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

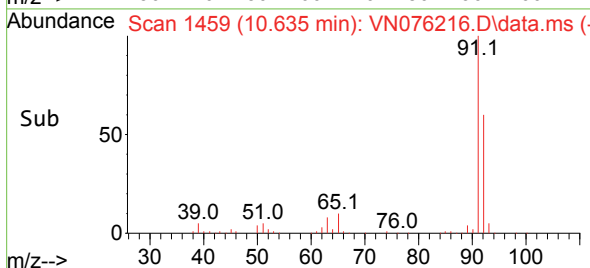
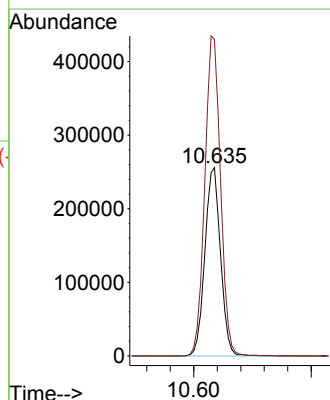
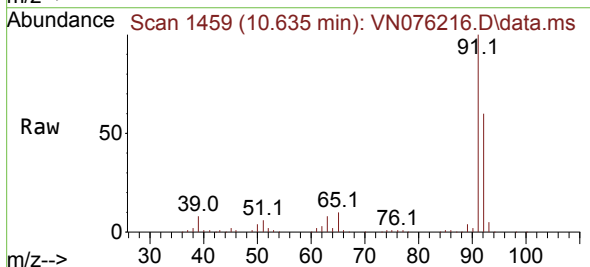
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

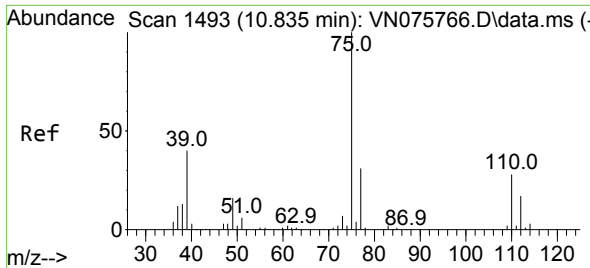
Tgt Ion: 43 Resp: 967625
Ion Ratio Lower Upper
43 100
58 43.9 35.5 53.3



#52
Toluene
Concen: 47.594 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 92 Resp: 470679
Ion Ratio Lower Upper
92 100
91 171.0 137.3 205.9

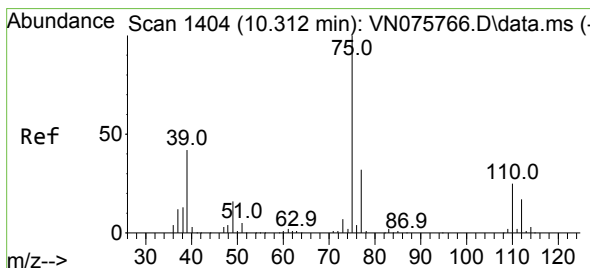
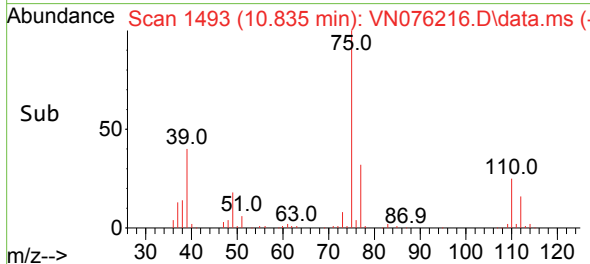
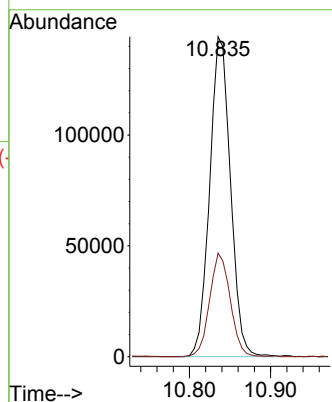
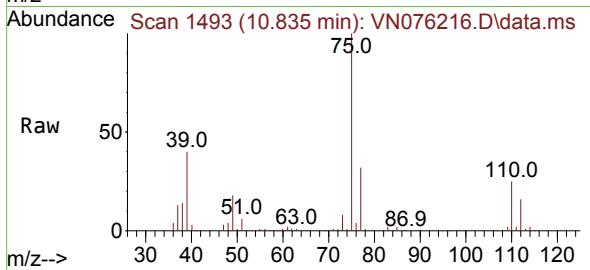




#53
 t-1,3-Dichloropropene
 Concen: 48.825 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

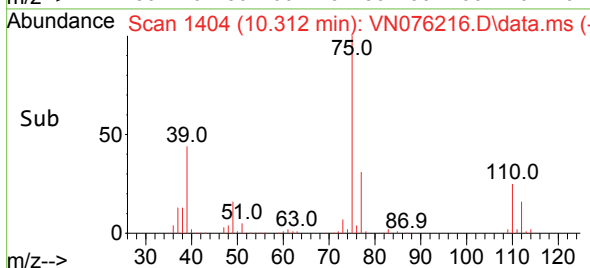
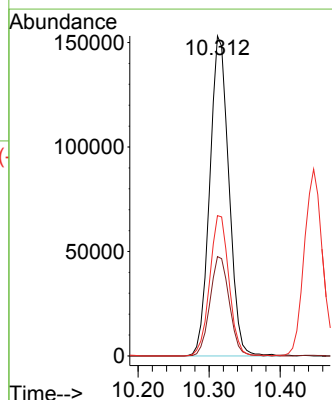
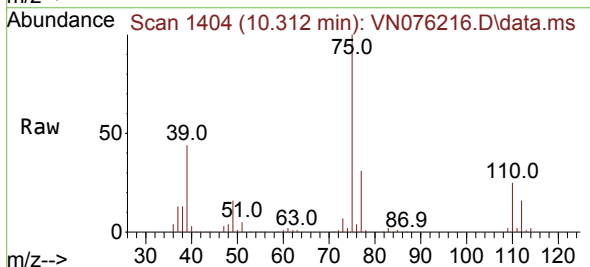
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

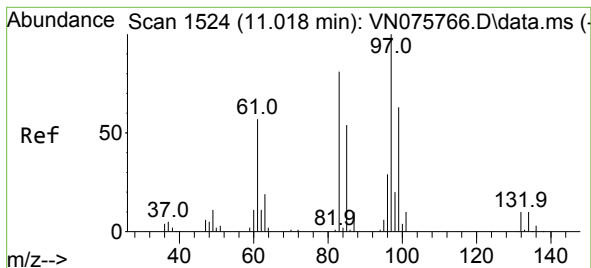
Tgt Ion: 75 Resp: 256875
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.563 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Tgt Ion: 75 Resp: 286299
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8
 39 43.8 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 47.806 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 185565

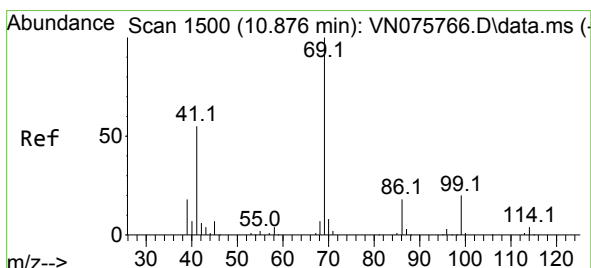
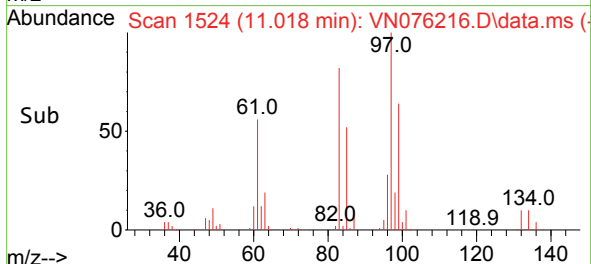
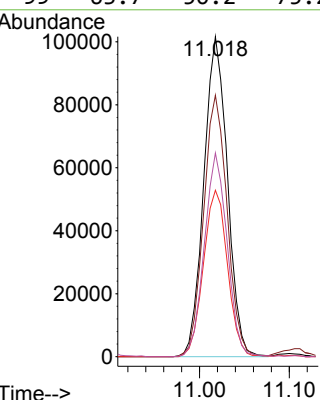
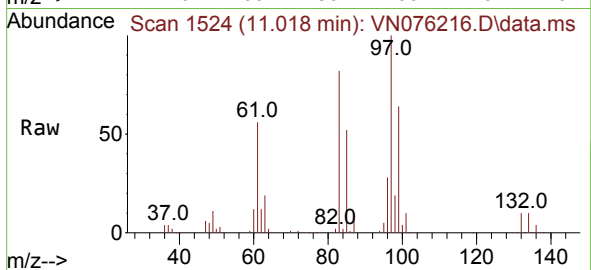
Ion Ratio Lower Upper

97 100

83 81.7 65.0 97.4

85 52.0 43.0 64.6

99 63.7 50.2 75.2



#56

Ethyl methacrylate

Concen: 51.354 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

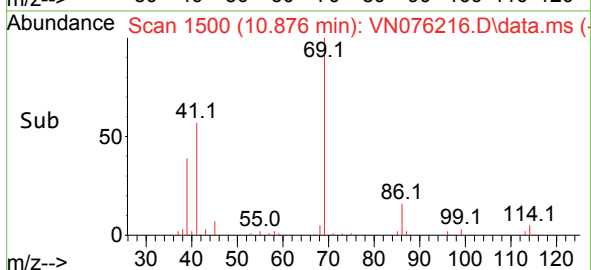
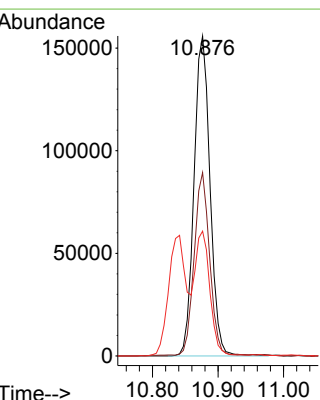
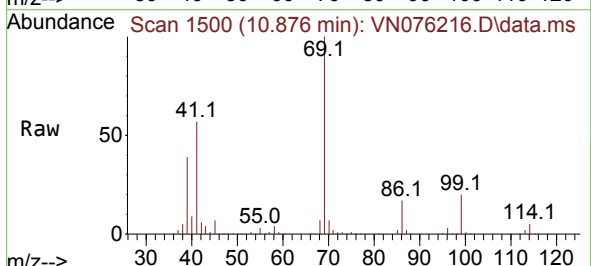
Tgt Ion: 69 Resp: 264778

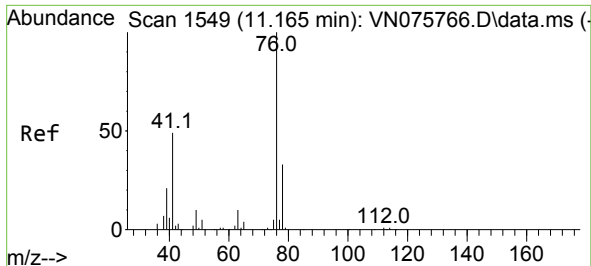
Ion Ratio Lower Upper

69 100

41 56.2 44.2 66.4

39 35.1 26.4 39.6





#57

1,3-Dichloropropane

Concen: 47.019 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

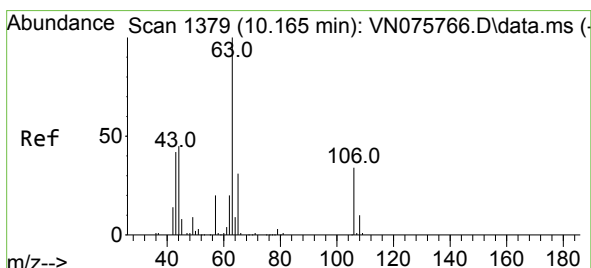
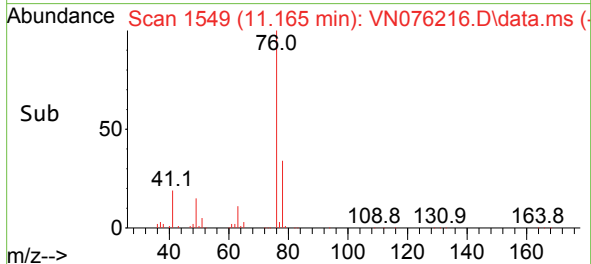
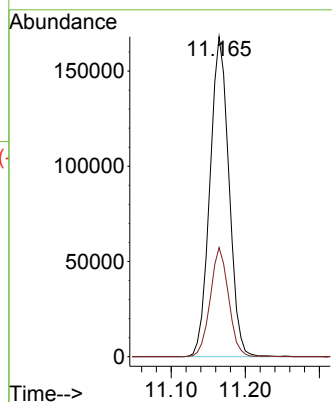
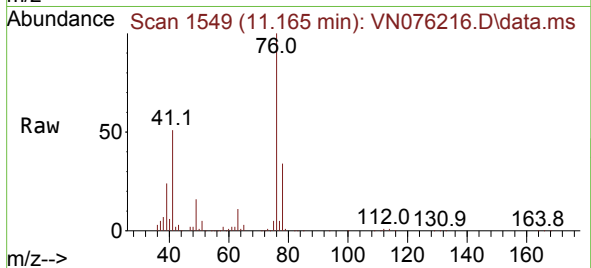
VSTDCCC050EC

Tgt Ion: 76 Resp: 299373

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 229.683 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076216.D

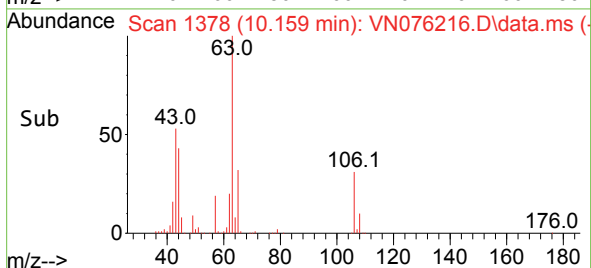
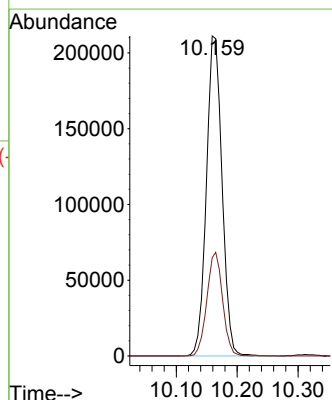
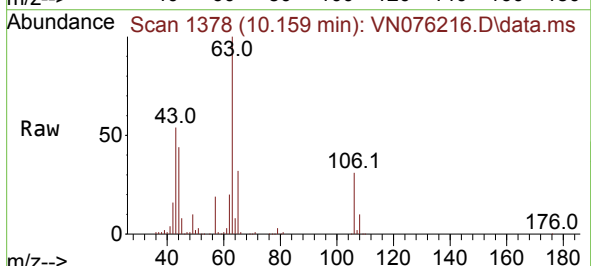
Acq: 11 Jan 2023 18:23

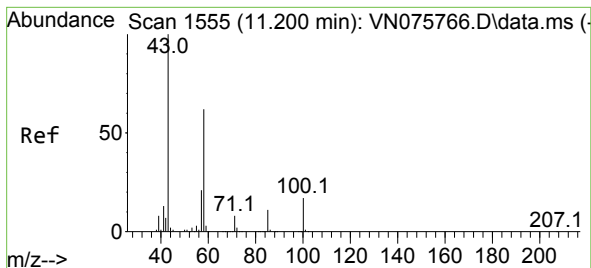
Tgt Ion: 63 Resp: 377035

Ion Ratio Lower Upper

63 100

106 32.5 26.4 39.6

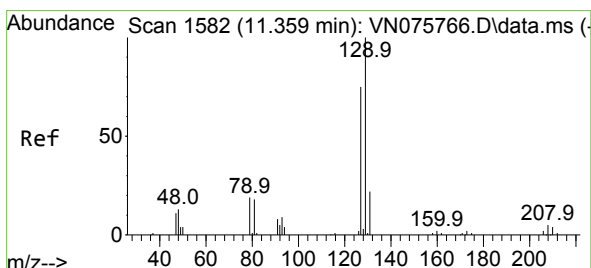
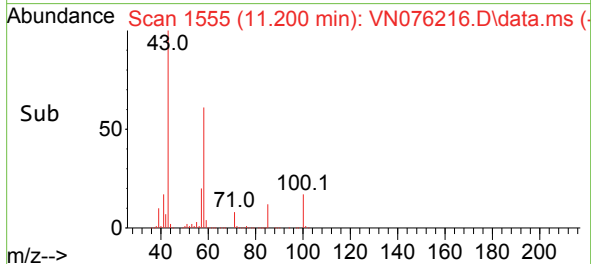
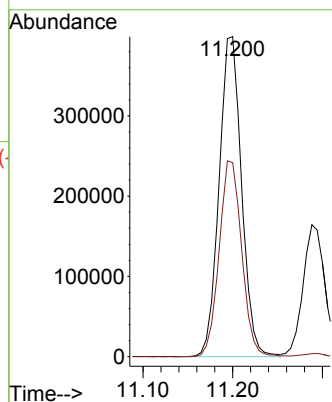
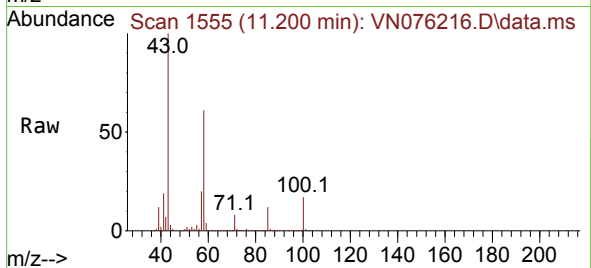




#59
2-Hexanone
Concen: 241.314 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

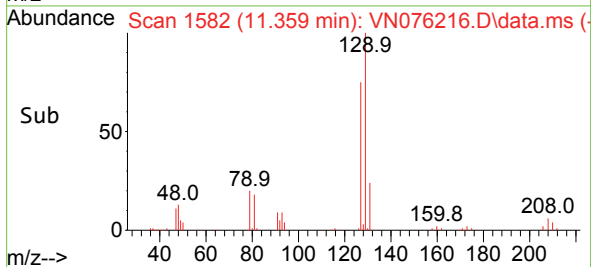
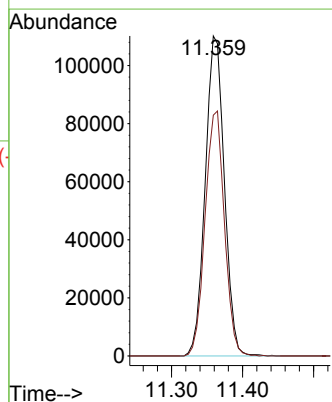
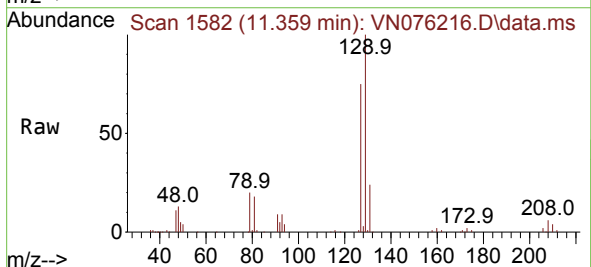
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

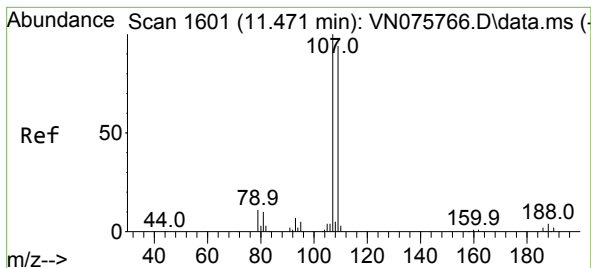
Tgt Ion: 43 Resp: 694027
Ion Ratio Lower Upper
43 100
58 61.4 30.6 92.0



#60
Dibromochloromethane
Concen: 47.739 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 129 Resp: 206080
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.589 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

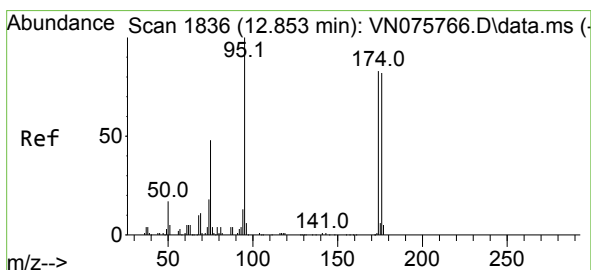
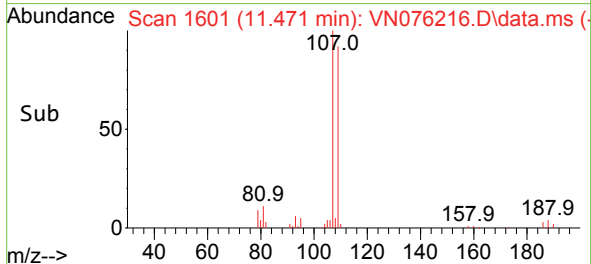
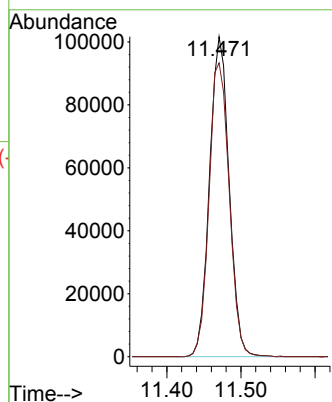
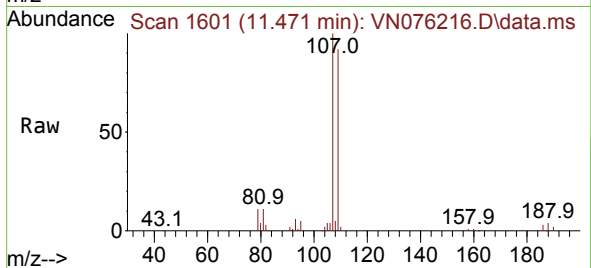
VSTDCCC050EC

Tgt Ion:107 Resp: 186935

Ion Ratio Lower Upper

107 100

109 94.5 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.524 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

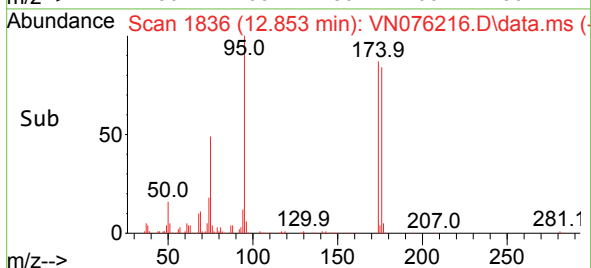
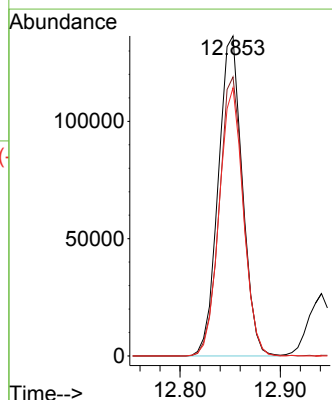
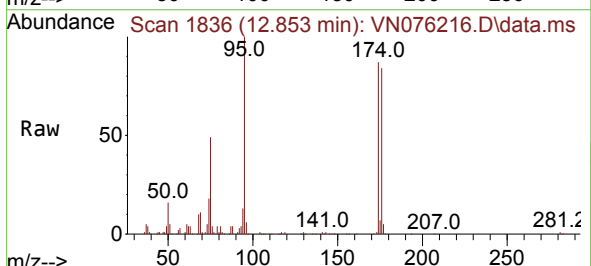
Tgt Ion: 95 Resp: 227217

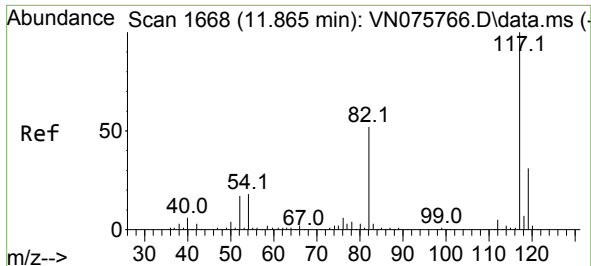
Ion Ratio Lower Upper

95 100

174 87.2 0.0 171.6

176 84.0 0.0 169.2

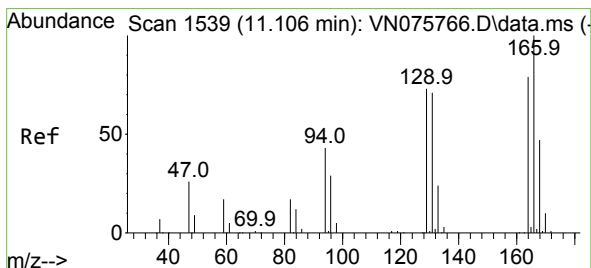
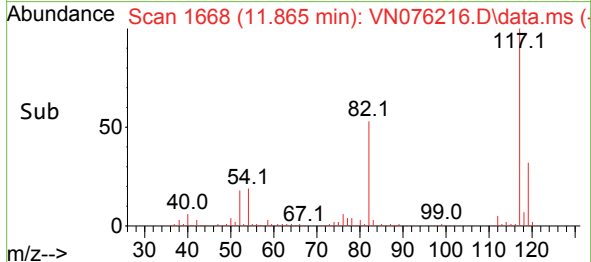
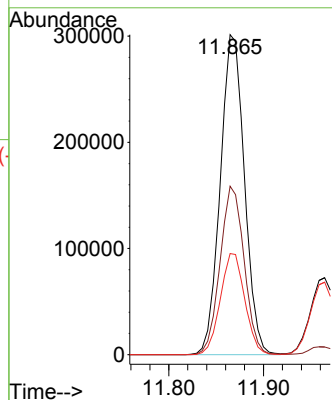
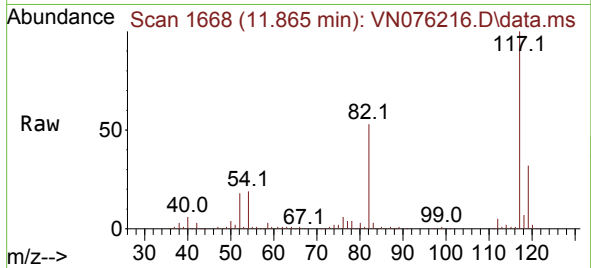




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

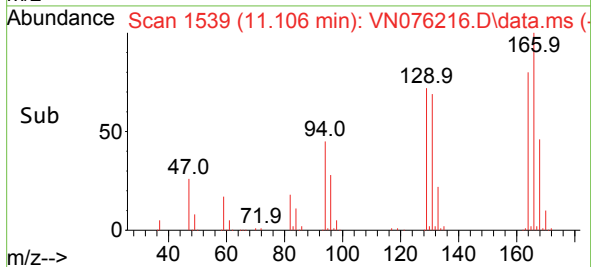
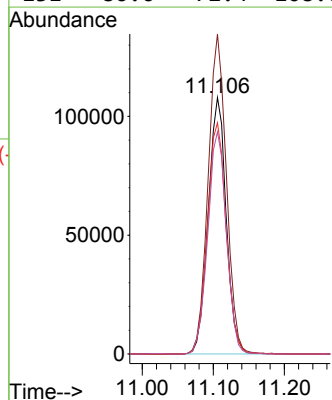
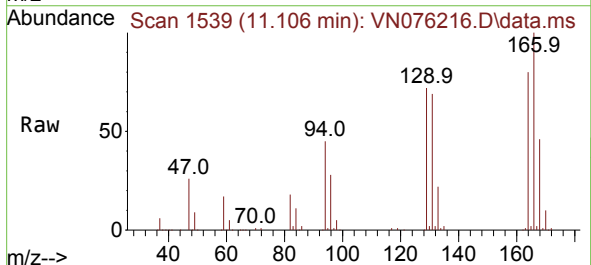
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

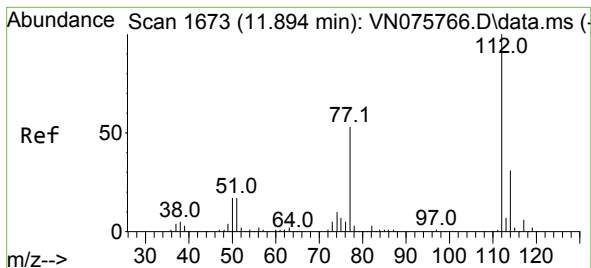
Tgt Ion:117 Resp: 535609
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 50.628 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:164 Resp: 190814
Ion Ratio Lower Upper
164 100
166 124.8 101.9 152.9
129 90.2 74.2 111.2
131 86.6 72.4 108.6

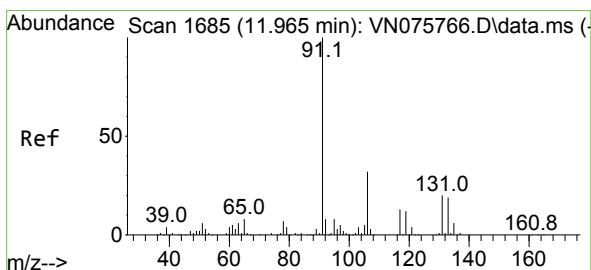
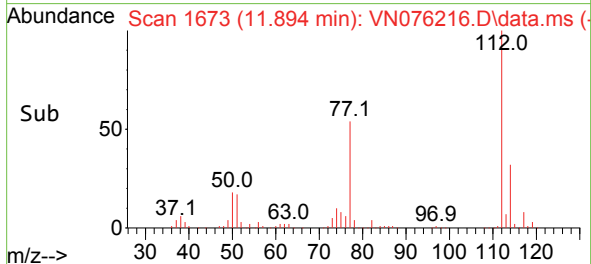
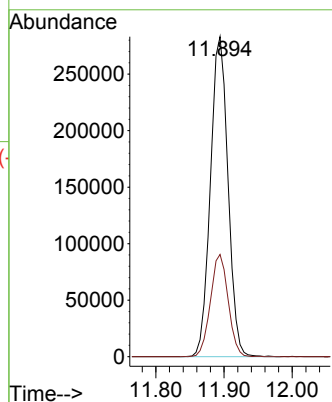
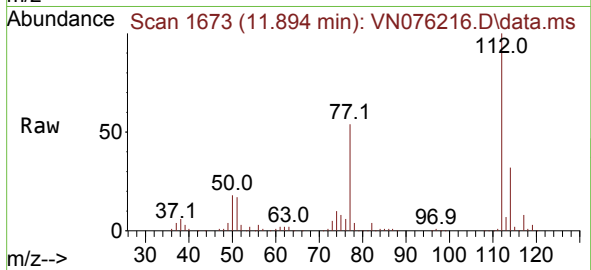




#65
Chlorobenzene
Concen: 46.236 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

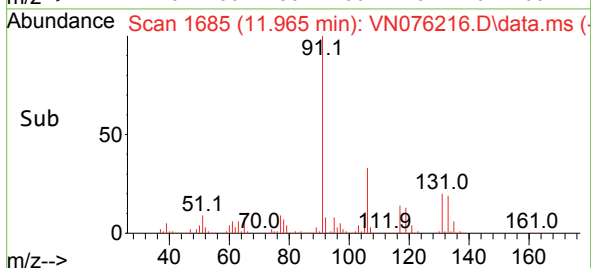
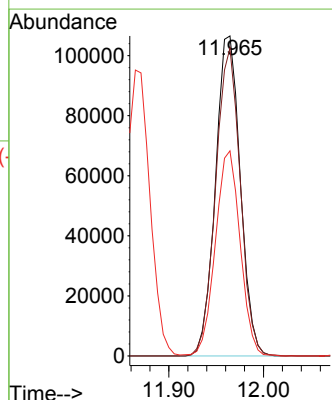
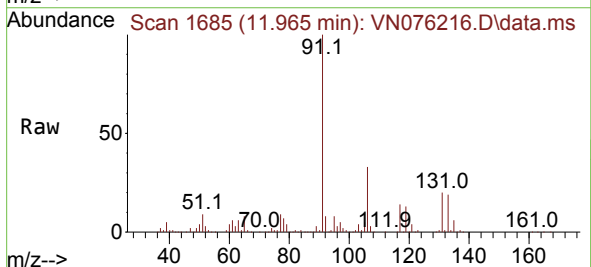
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

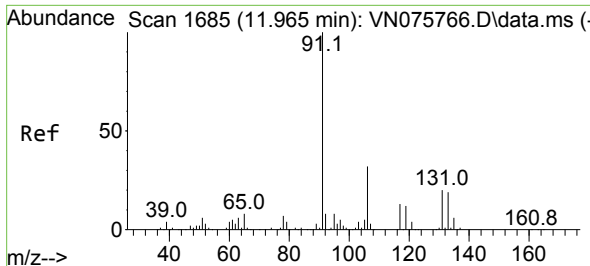
Tgt Ion:112 Resp: 508285
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.817 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:131 Resp: 194706
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 64.0 31.9 95.7

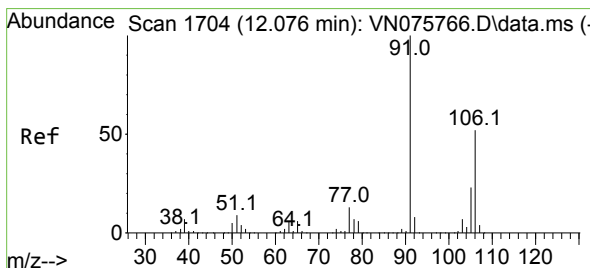
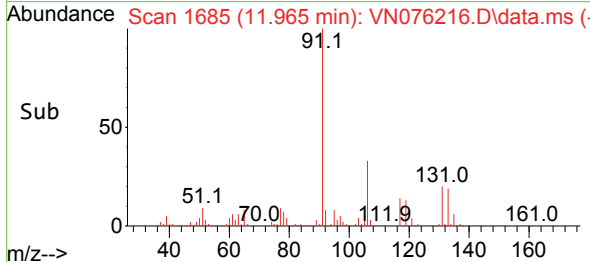
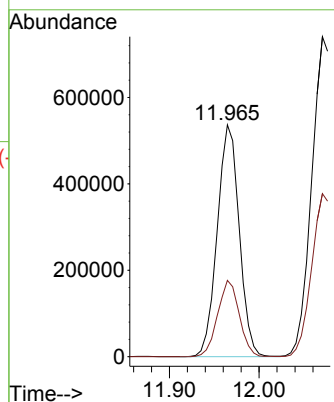
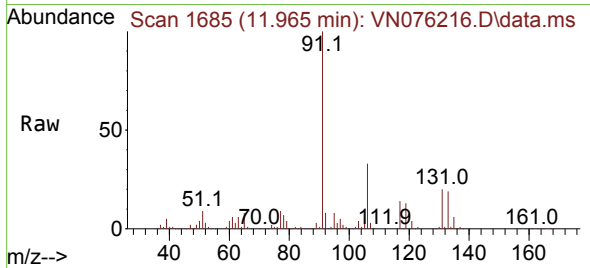




#67
Ethyl Benzene
Concen: 49.129 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

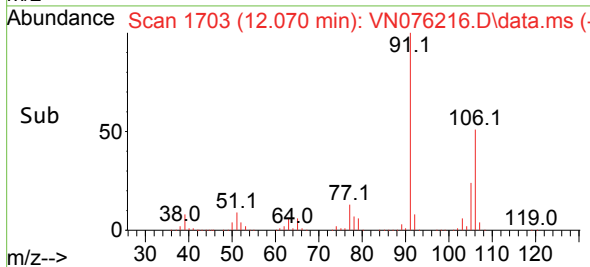
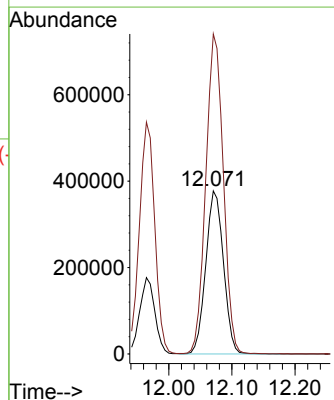
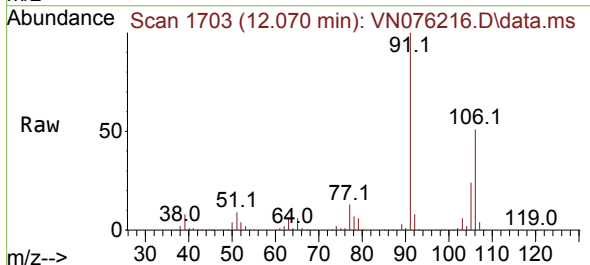
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

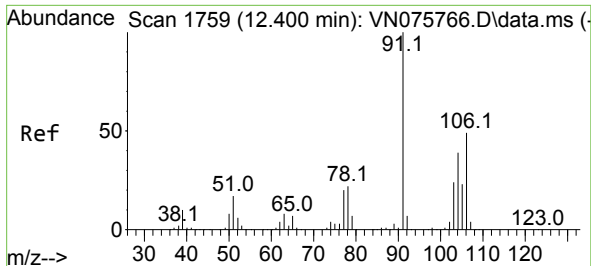
Tgt Ion: 91 Resp: 911532
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5



#68
m/p-Xylenes
Concen: 99.748 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:106 Resp: 732508
Ion Ratio Lower Upper
106 100
91 194.4 156.6 235.0

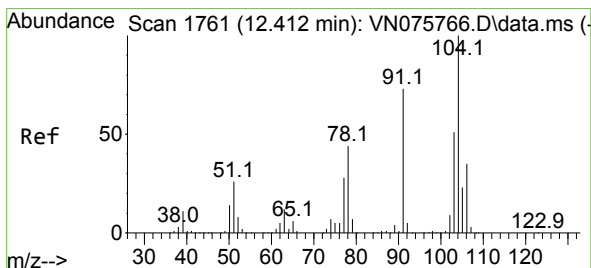
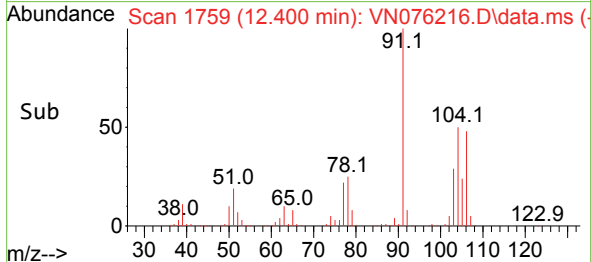
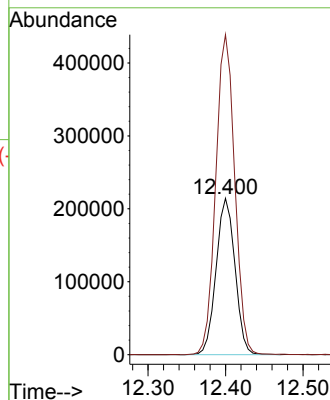
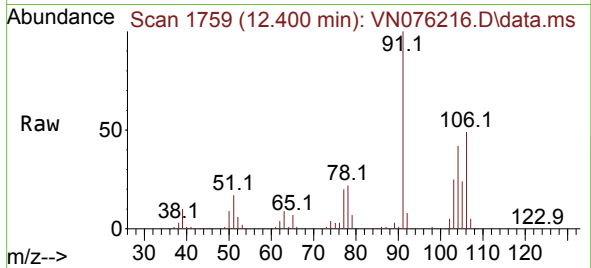




#69
o-Xylene
Concen: 49.886 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

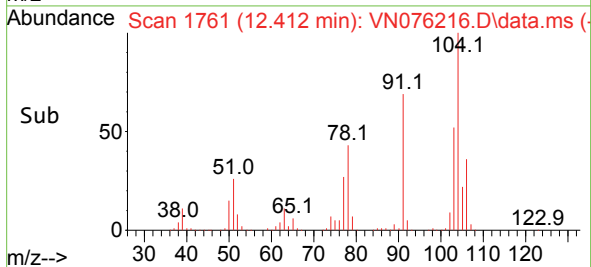
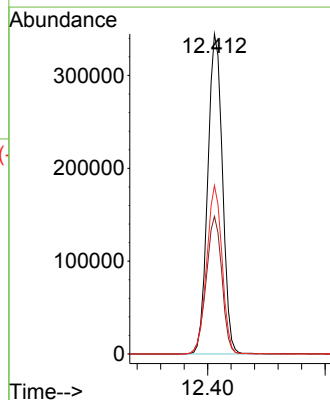
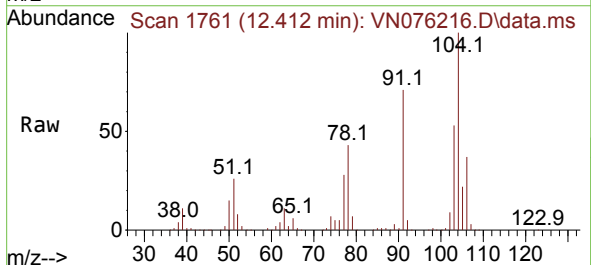
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

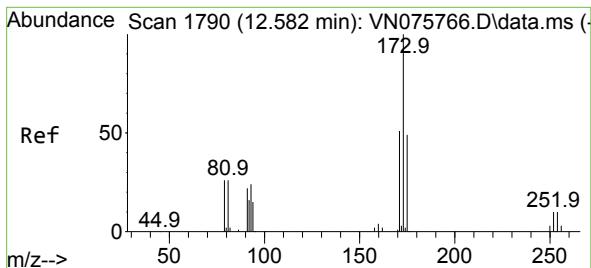
Tgt Ion:106 Resp: 362535
Ion Ratio Lower Upper
106 100
91 206.0 103.8 311.6



#70
Styrene
Concen: 51.803 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:104 Resp: 598580
Ion Ratio Lower Upper
104 100
78 45.8 37.5 56.3
103 54.7 43.5 65.3





#71

Bromoform

Concen: 49.790 ug/l

RT: 12.582 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

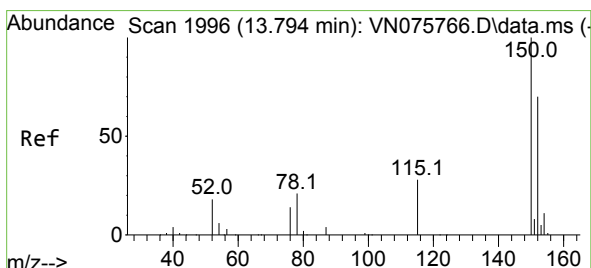
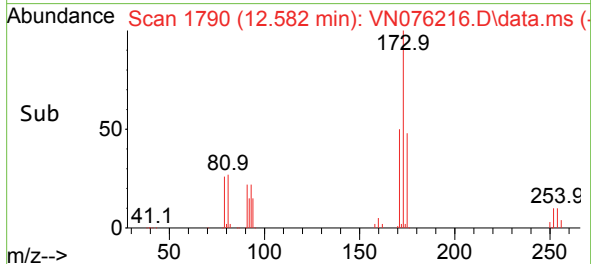
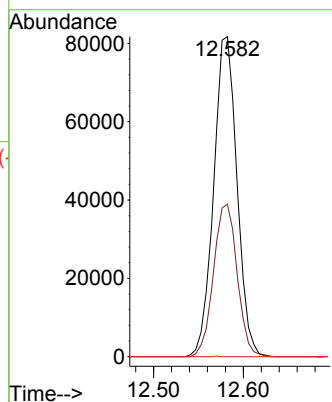
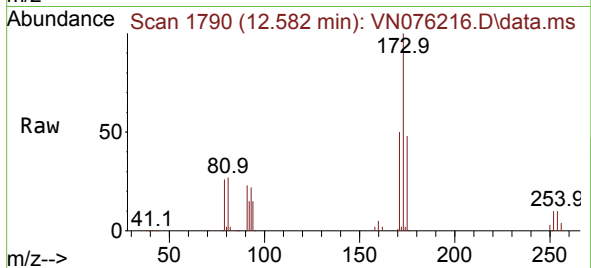
Tgt Ion:173 Resp: 147523

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

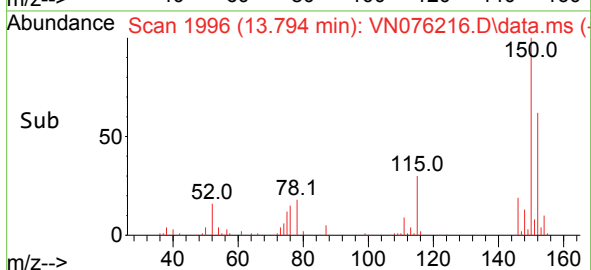
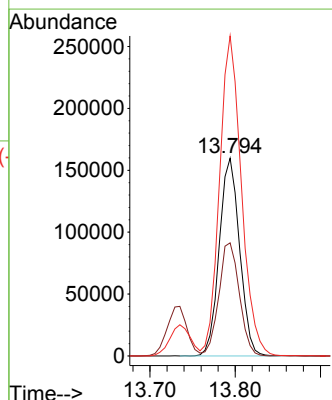
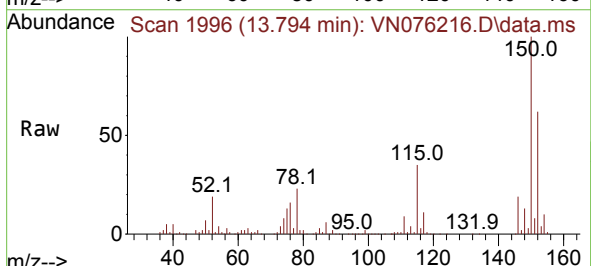
Tgt Ion:152 Resp: 265145

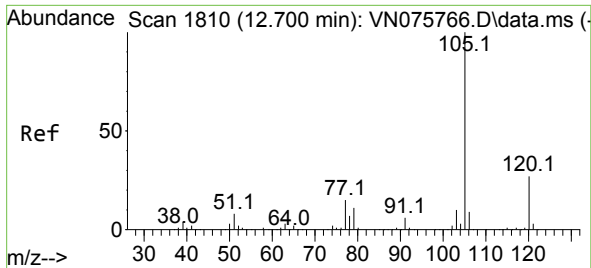
Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

150 174.0 0.0 347.0

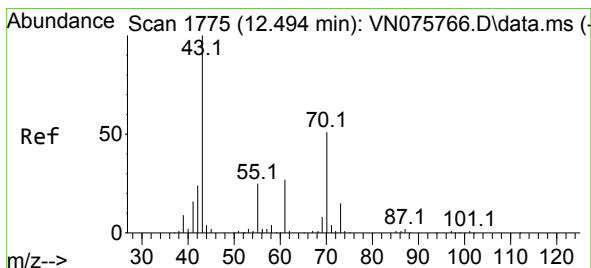
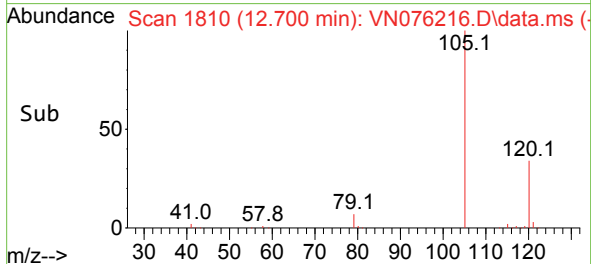
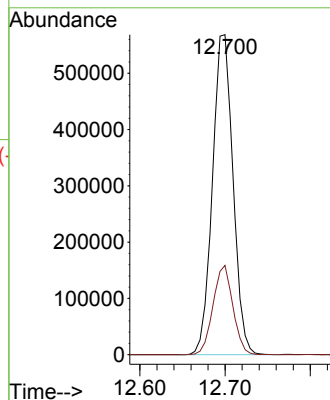
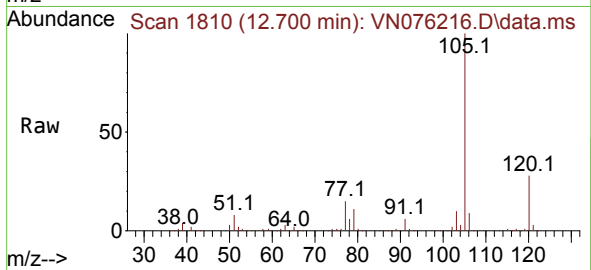




#73
Isopropylbenzene
Concen: 49.693 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

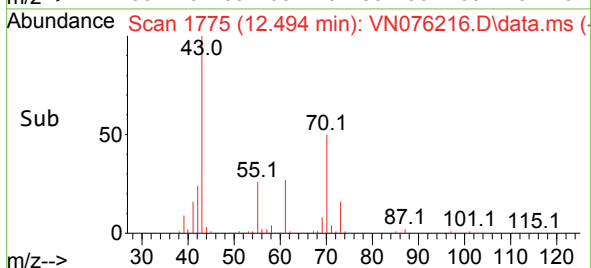
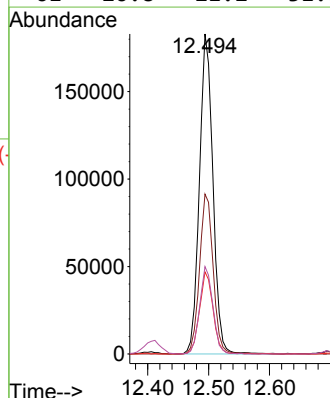
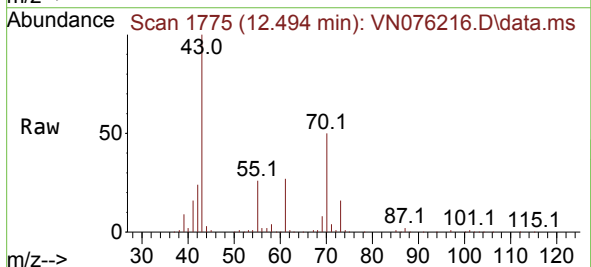
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

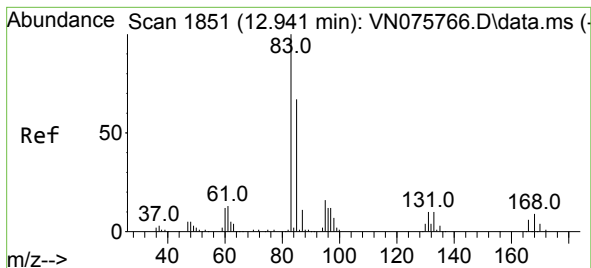
Tgt Ion:105 Resp: 952140
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 50.230 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 43 Resp: 282344
Ion Ratio Lower Upper
43 100
70 50.4 41.4 62.0
55 25.6 21.3 31.9
61 26.8 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 43.696 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

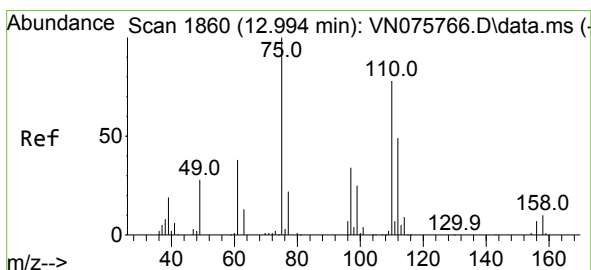
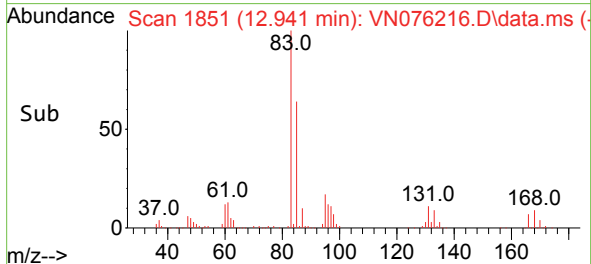
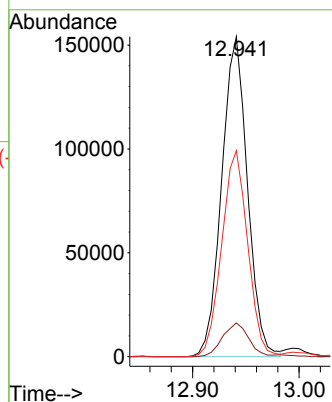
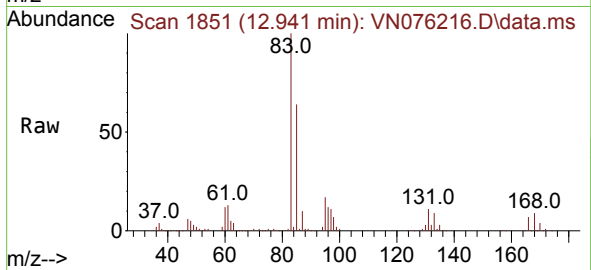
Tgt Ion: 83 Resp: 258823

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 59.489 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076216.D

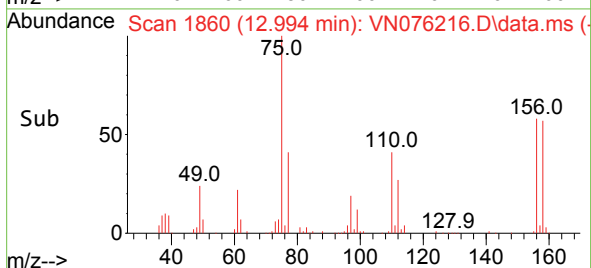
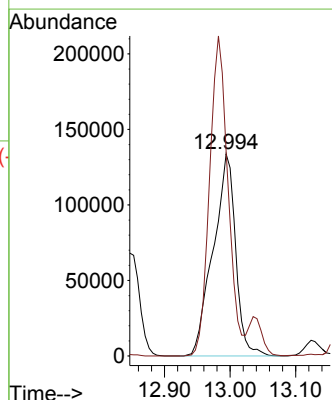
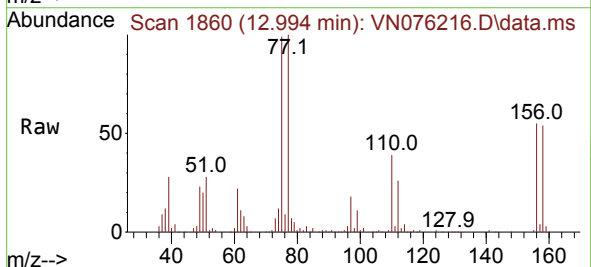
Acq: 11 Jan 2023 18:23

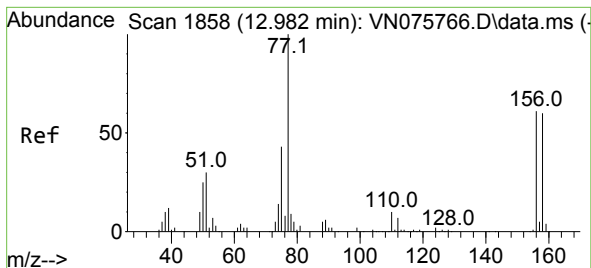
Tgt Ion: 75 Resp: 317948

Ion Ratio Lower Upper

75 100

77 130.6 82.6 247.8





#77

Bromobenzene

Concen: 46.839 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

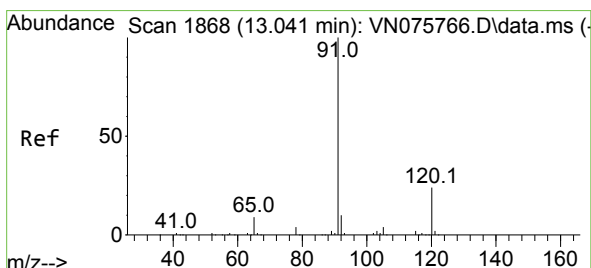
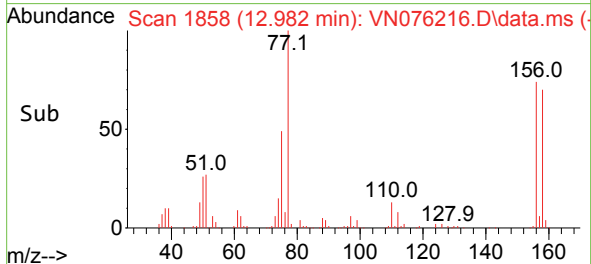
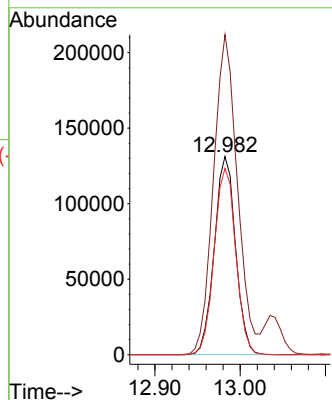
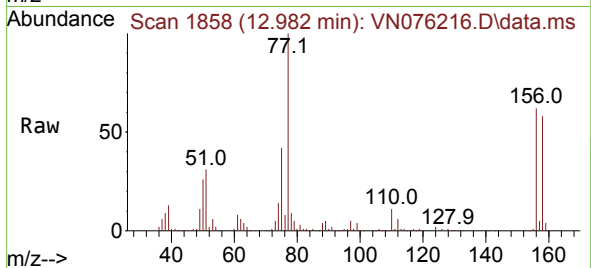
Tgt Ion:156 Resp: 227127

Ion Ratio Lower Upper

156 100

77 182.8 93.8 281.3

158 95.5 48.9 146.6



#78

n-propylbenzene

Concen: 50.733 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN076216.D

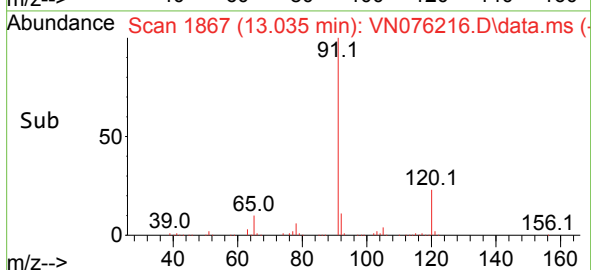
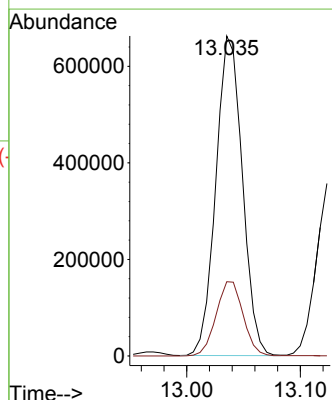
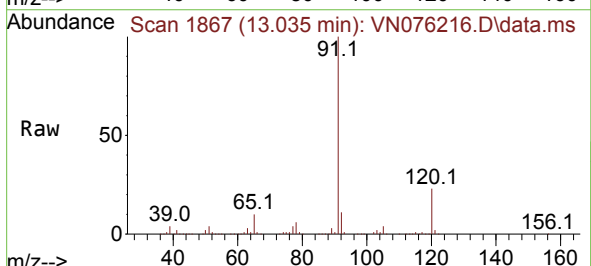
Acq: 11 Jan 2023 18:23

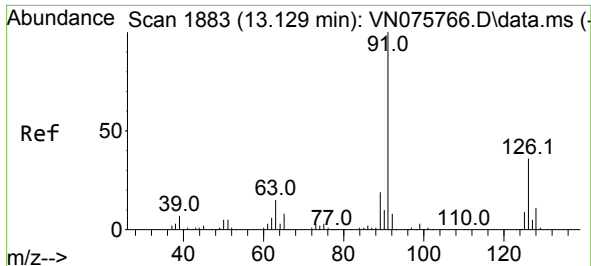
Tgt Ion: 91 Resp: 1072143

Ion Ratio Lower Upper

91 100

120 23.8 12.0 36.1

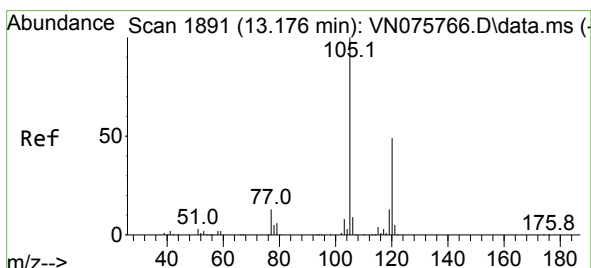
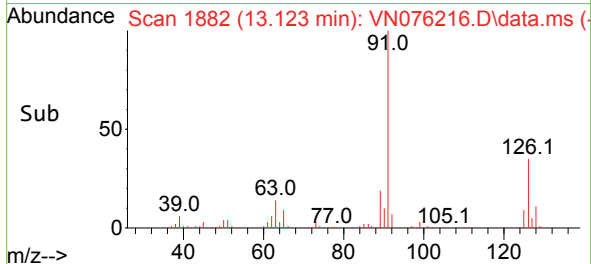
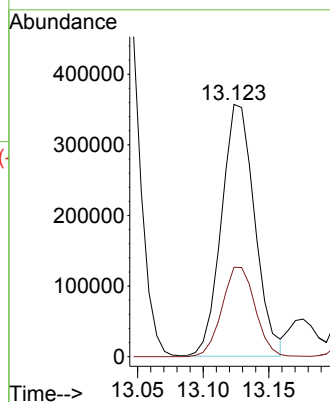
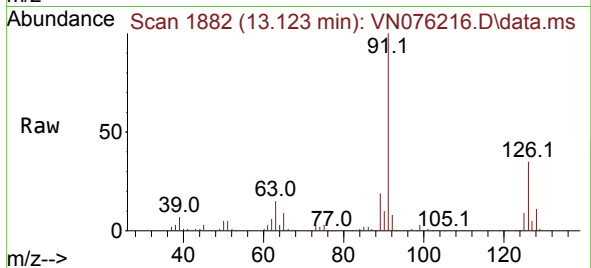




#79
2-Chlorotoluene
Concen: 47.784 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

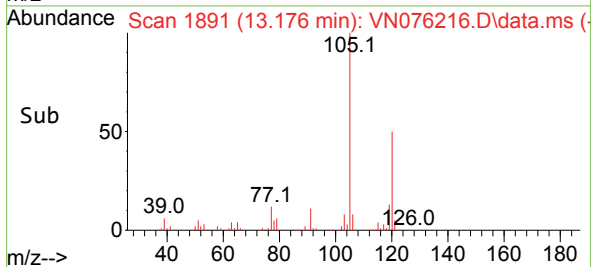
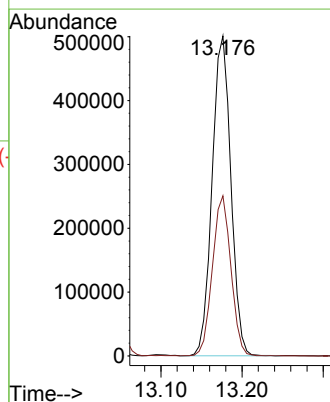
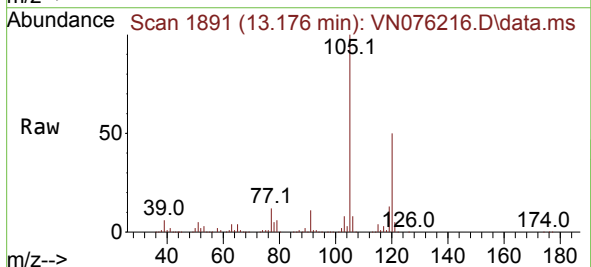
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

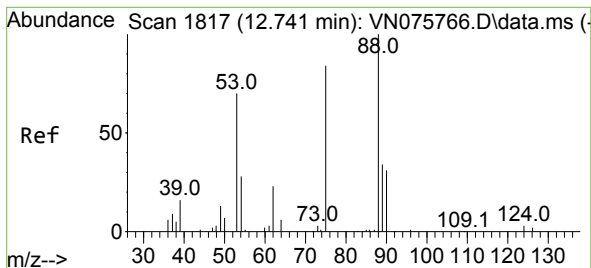
Tgt Ion: 91 Resp: 630360
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 49.988 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion:105 Resp: 801620
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1

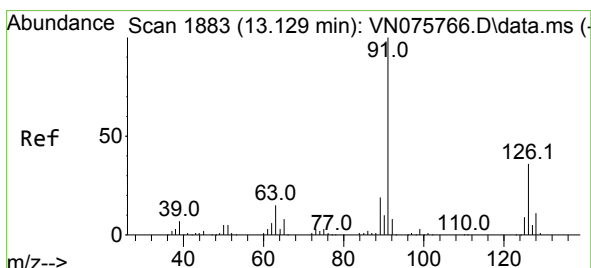
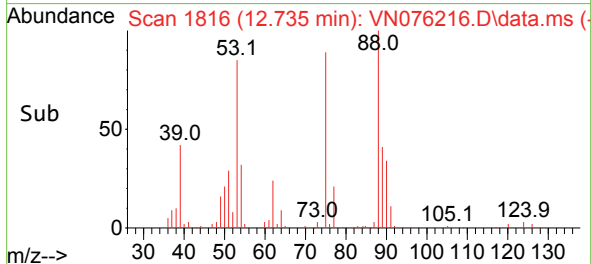
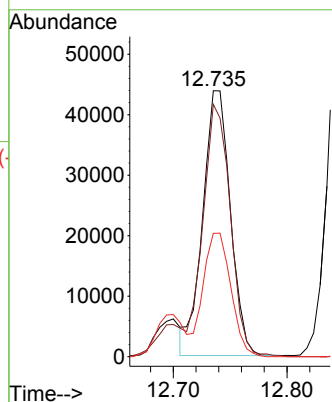
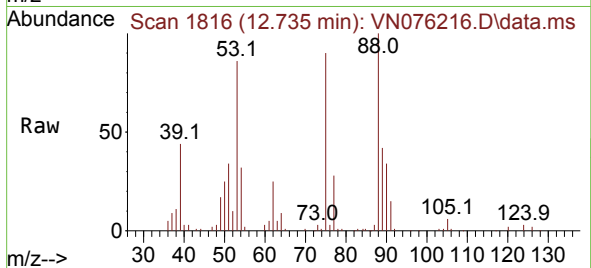




#81
trans-1,4-Dichloro-2-butene
Concen: 49.919 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

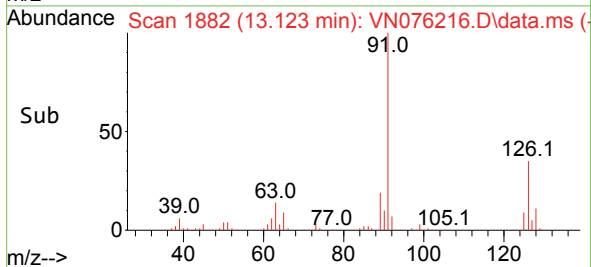
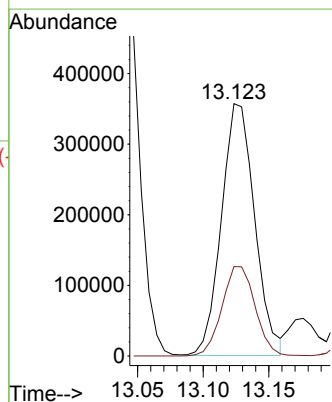
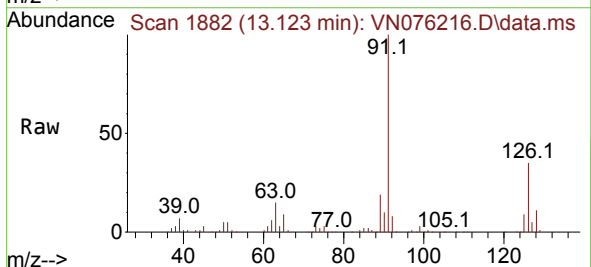
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

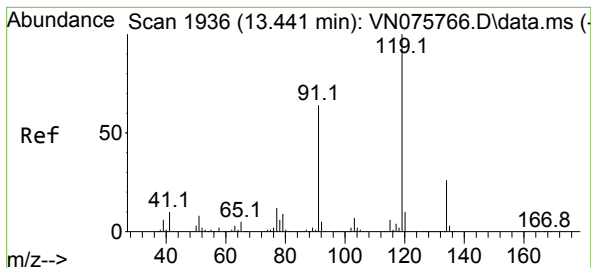
Tgt Ion: 75 Resp: 74122
Ion Ratio Lower Upper
75 100
53 106.8 73.8 110.6
89 47.4 39.5 59.3



#82
4-Chlorotoluene
Concen: 47.784 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 91 Resp: 630360
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





#83

tert-Butylbenzene

Concen: 50.528 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

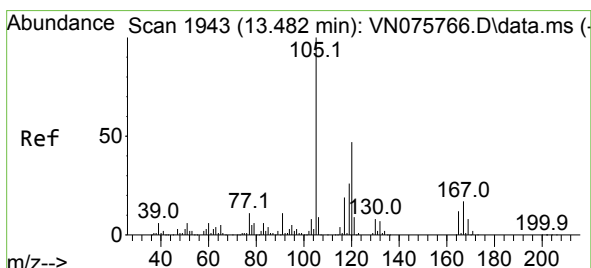
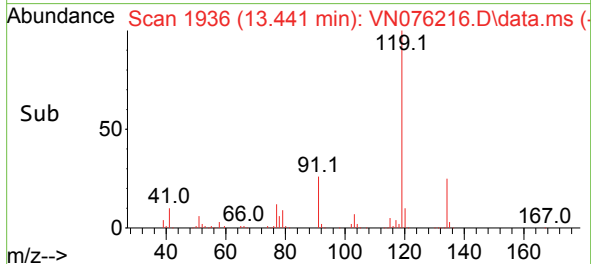
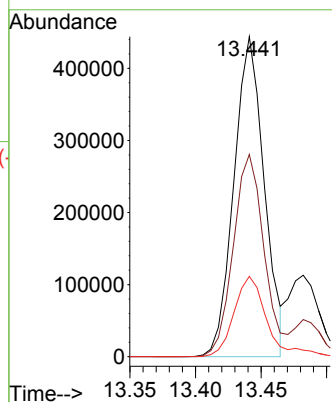
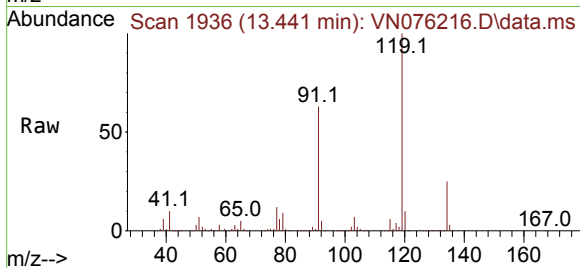
Tgt Ion:119 Resp: 714407

Ion Ratio Lower Upper

119 100

91 64.8 31.9 95.5

134 27.2 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 50.475 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN076216.D

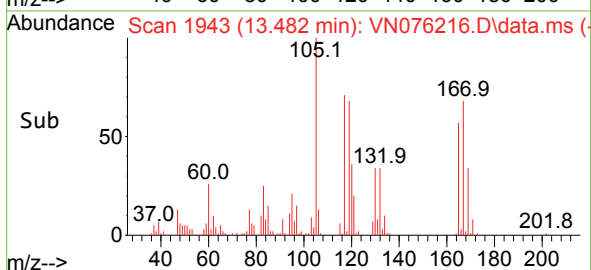
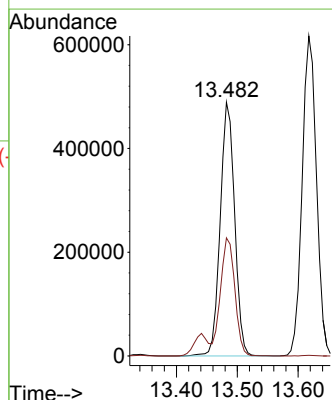
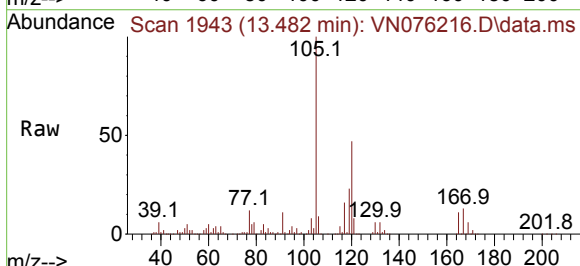
Acq: 11 Jan 2023 18:23

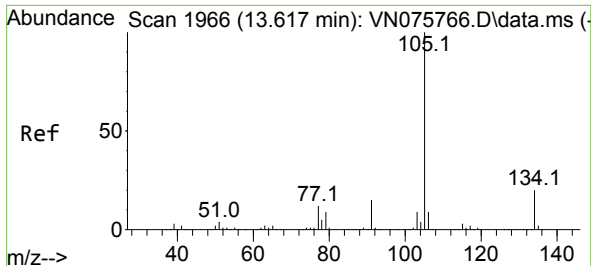
Tgt Ion:105 Resp: 802999

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8

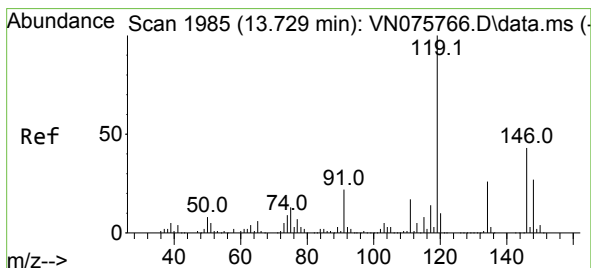
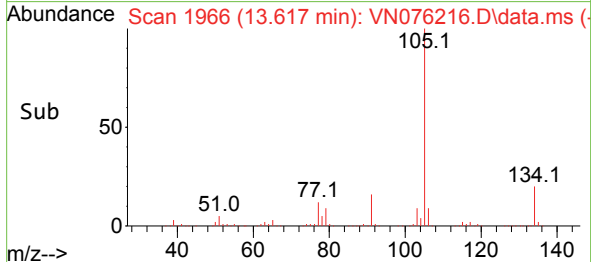
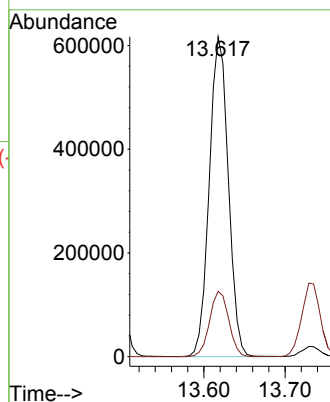
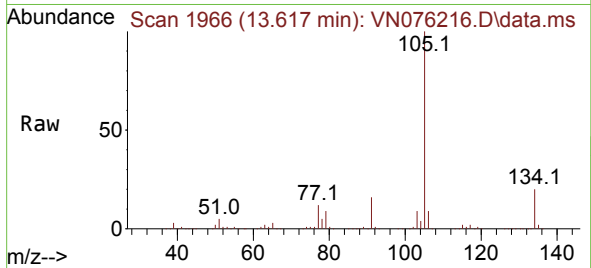




#85
 sec-Butylbenzene
 Concen: 51.413 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

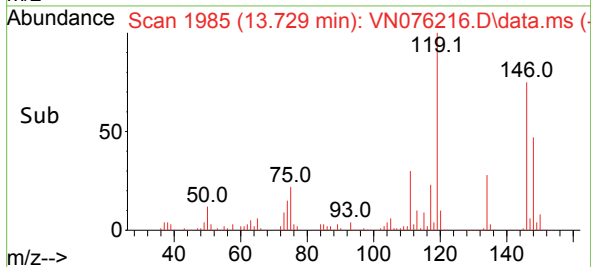
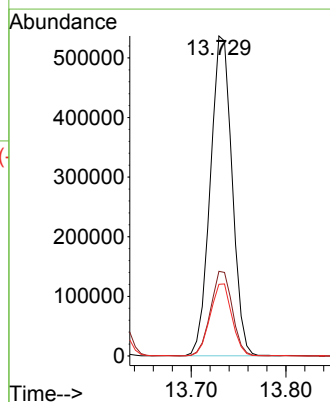
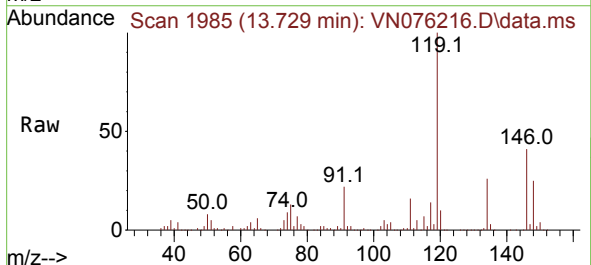
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

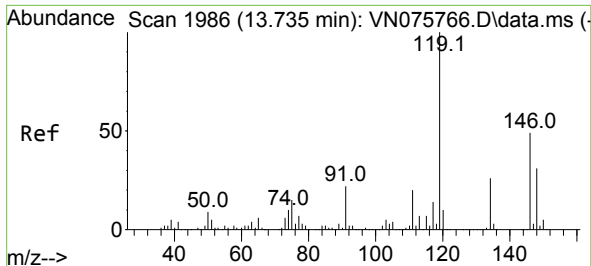
Tgt Ion:105 Resp: 1003319
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.741 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Tgt Ion:119 Resp: 856417
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.5 11.2 33.6

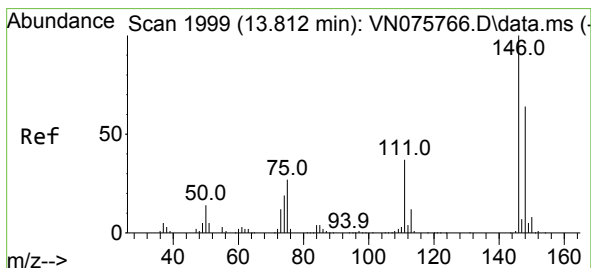
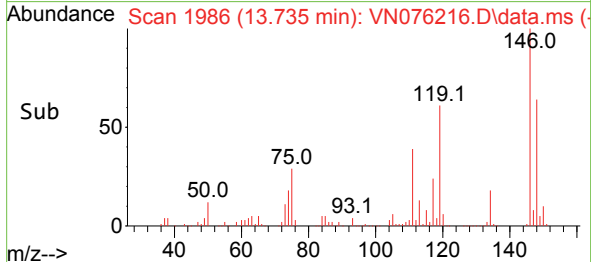
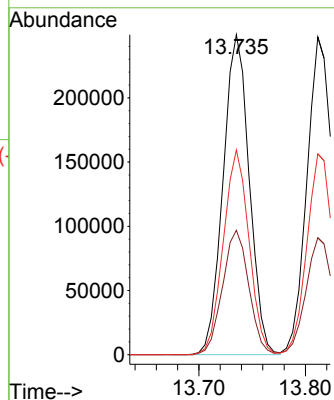
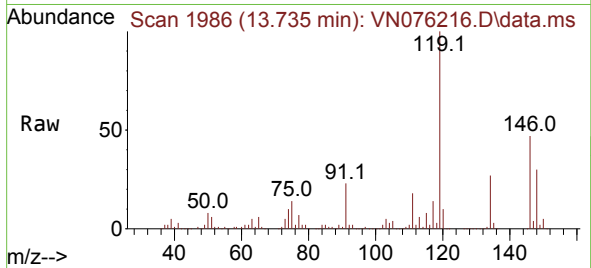




#87
 1,3-Dichlorobenzene
 Concen: 47.500 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

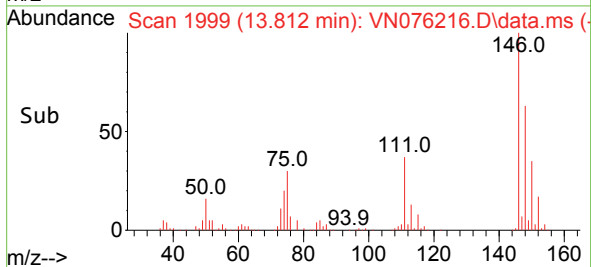
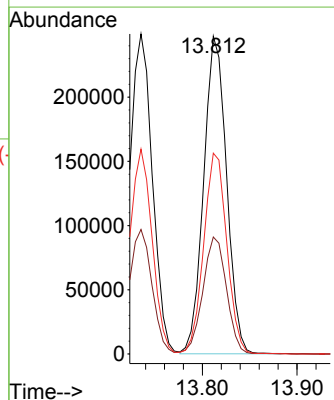
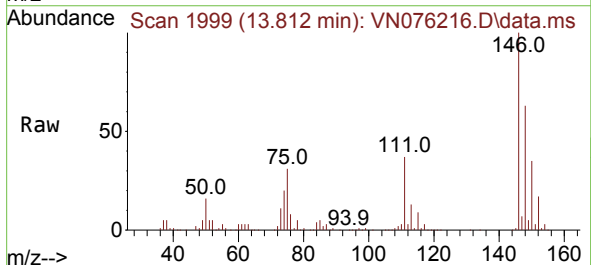
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

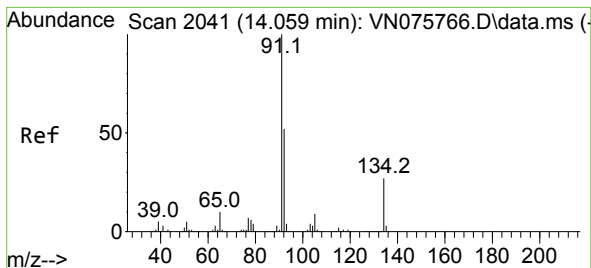
Tgt Ion:146 Resp: 425468
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.0
 148 62.9 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 45.510 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076216.D
 Acq: 11 Jan 2023 18:23

Tgt Ion:146 Resp: 416431
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 51.949 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

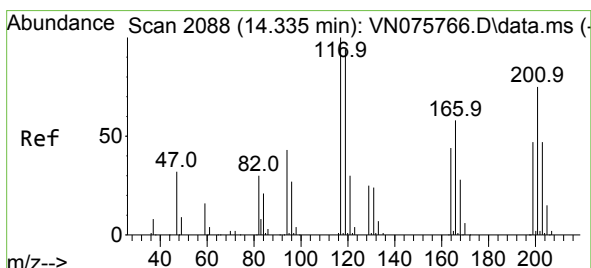
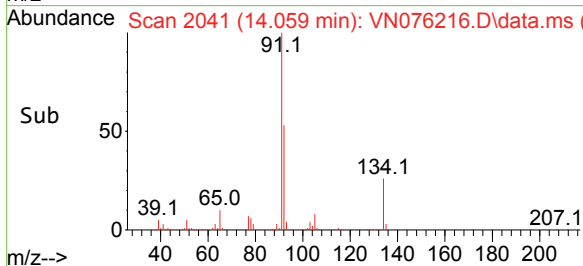
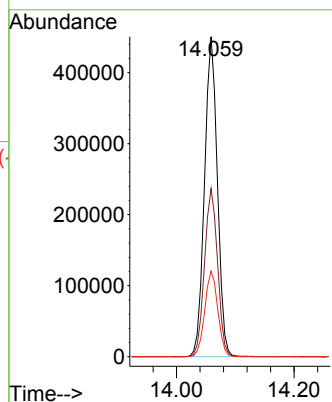
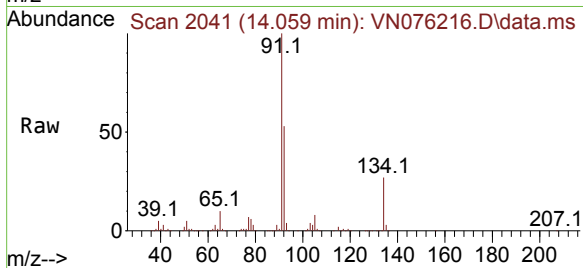
Tgt Ion: 91 Resp: 683400

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 27.1 13.4 40.2



#90

Hexachloroethane

Concen: 48.023 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076216.D

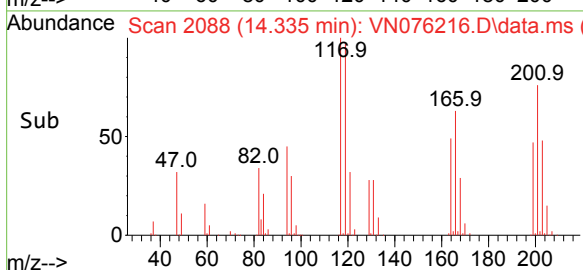
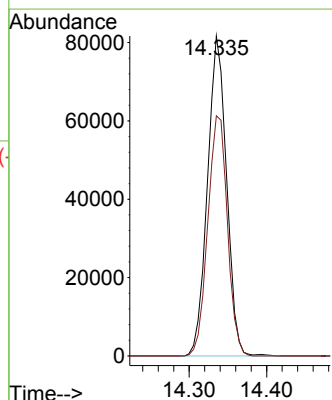
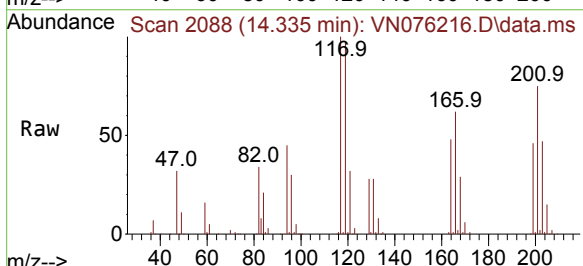
Acq: 11 Jan 2023 18:23

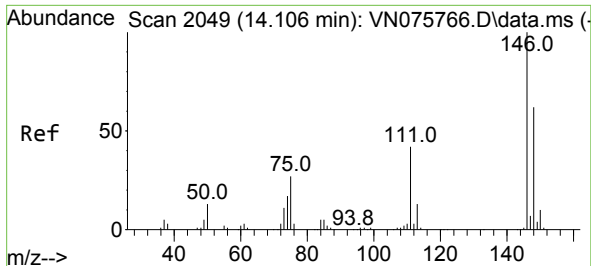
Tgt Ion: 117 Resp: 139492

Ion Ratio Lower Upper

117 100

201 77.2 38.0 114.1

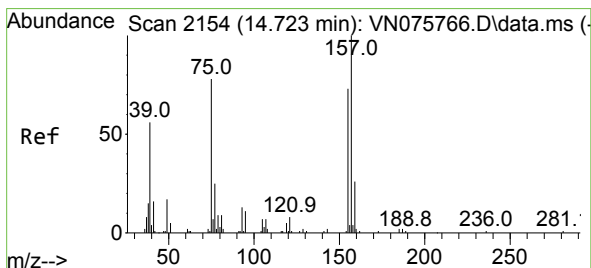
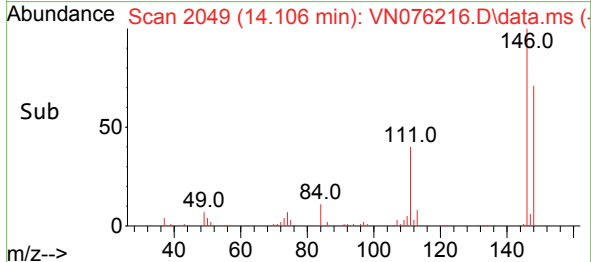
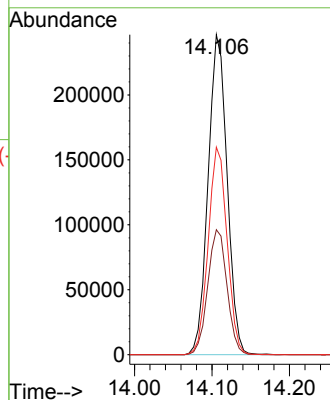
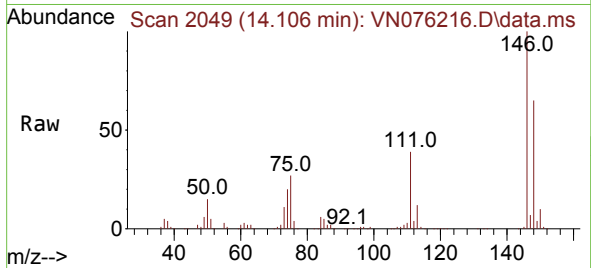




#91
1,2-Dichlorobenzene
Concen: 47.560 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

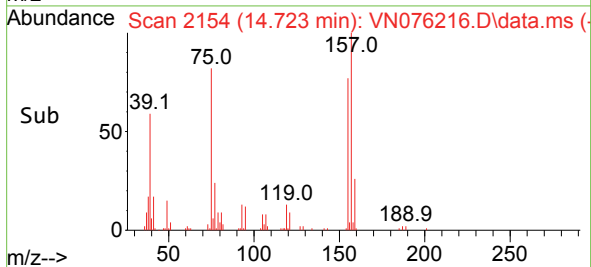
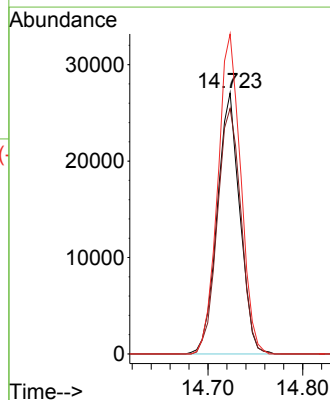
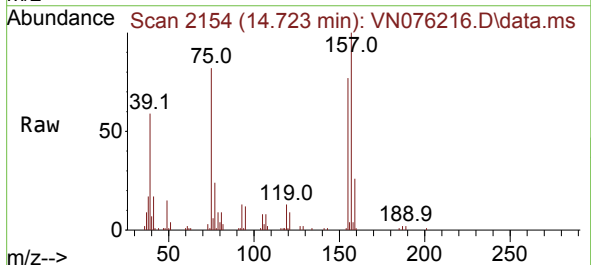
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

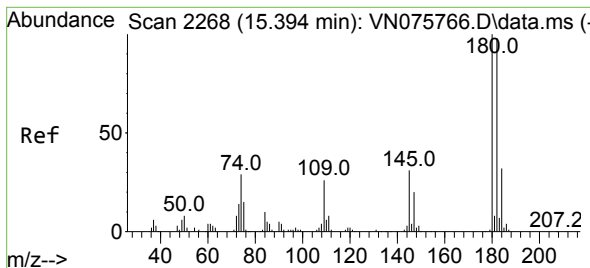
Tgt Ion:146 Resp: 419616
Ion Ratio Lower Upper
146 100
111 39.6 20.3 61.0
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.856 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076216.D
Acq: 11 Jan 2023 18:23

Tgt Ion: 75 Resp: 45043
Ion Ratio Lower Upper
75 100
155 97.8 49.3 147.8
157 123.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 48.511 ug/l

RT: 15.394 min Scan# 211894

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

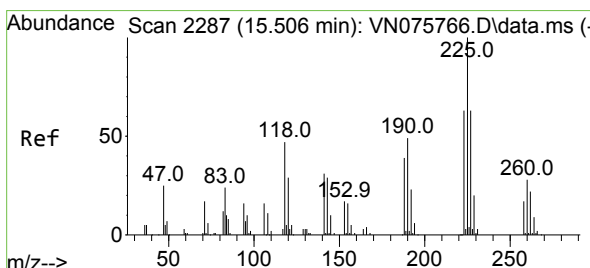
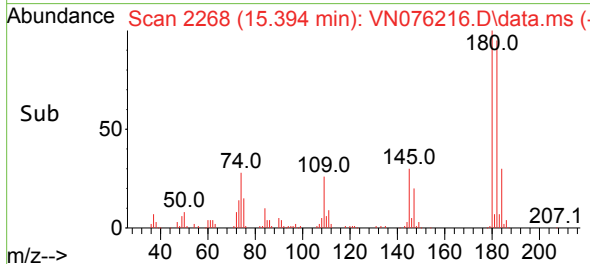
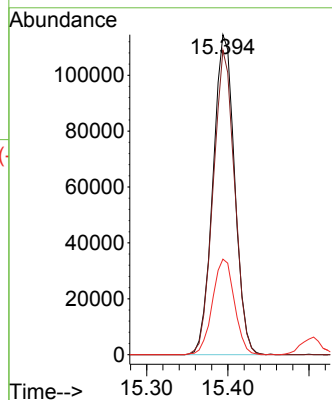
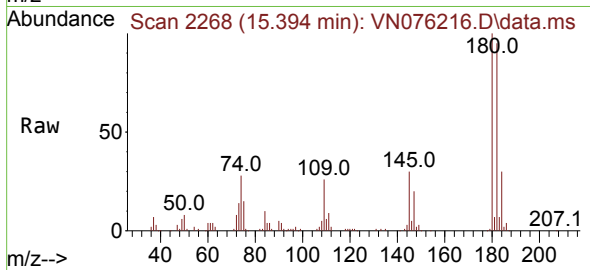
Tgt Ion:180 Resp: 211894

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.5

145 30.3 15.3 45.8



#94

Hexachlorobutadiene

Concen: 47.031 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

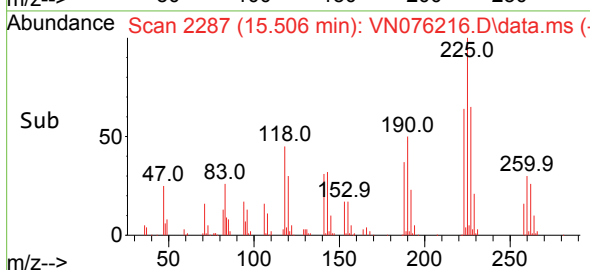
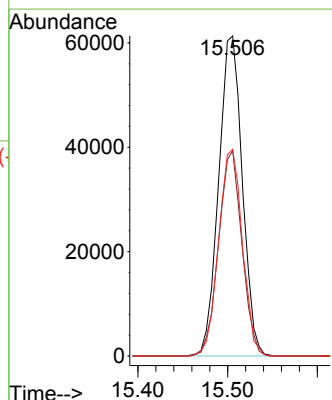
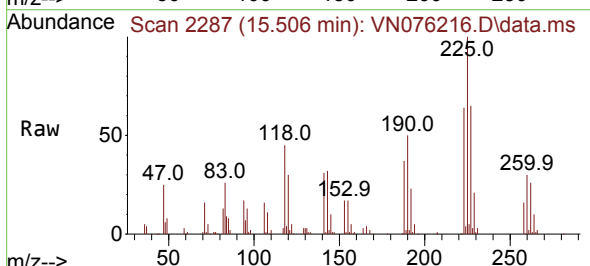
Tgt Ion:225 Resp: 112080

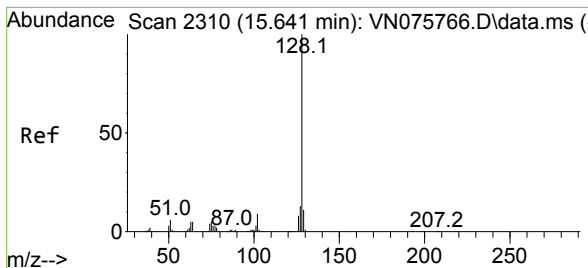
Ion Ratio Lower Upper

225 100

223 63.1 31.5 94.5

227 64.9 31.6 95.0





#95

Naphthalene

Concen: 43.057 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

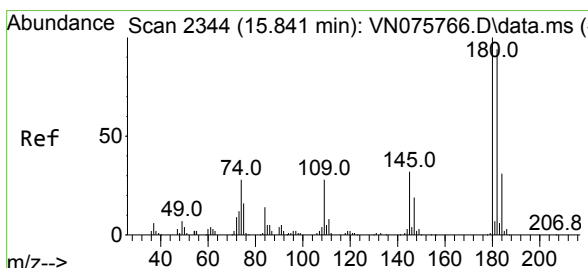
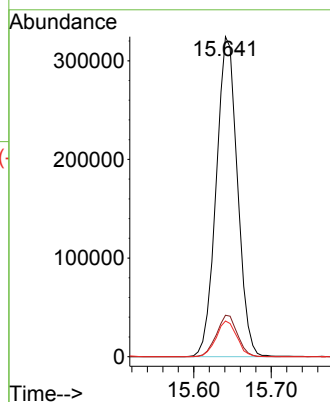
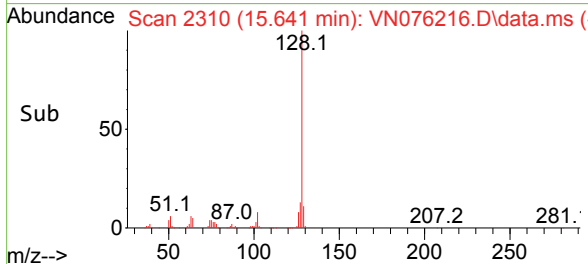
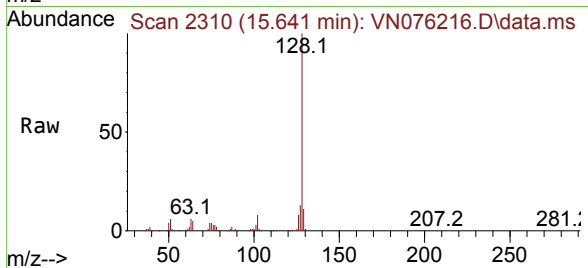
Tgt Ion:128 Resp: 616752

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.653 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076216.D

Acq: 11 Jan 2023 18:23

Tgt Ion:180 Resp: 202710

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.0

145 32.1 16.0 47.9

