

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074920.D
 Acq On : 17 Oct 2022 16:56
 Operator : JC\MD
 Sample : VN1017WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBL01

Quant Time: Oct 18 03:02:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

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

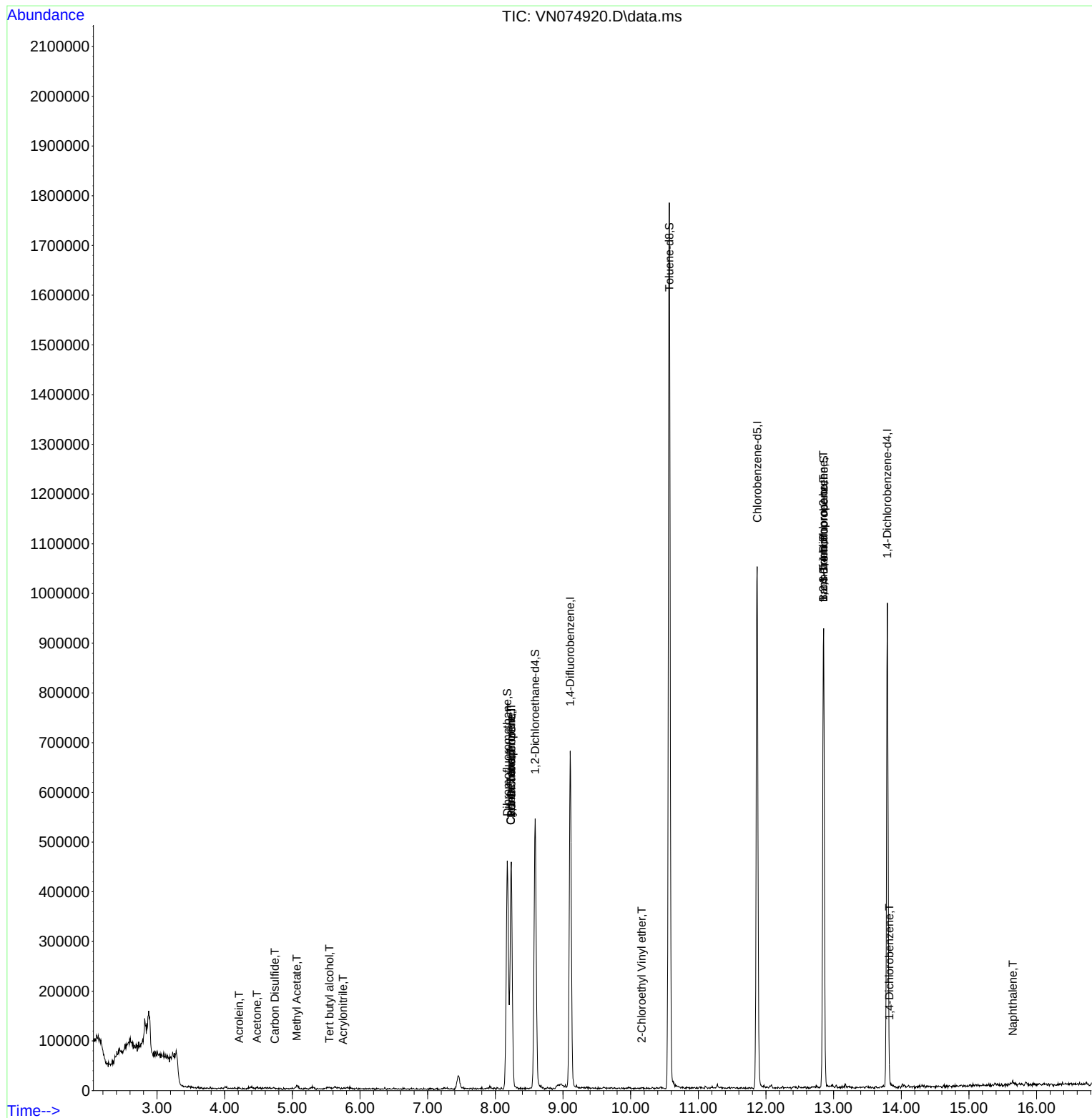
Internal Standards						
1) Pentafluorobenzene	8.235	168	315047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	569684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	586558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	403567	48.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.120%
35) Dibromofluoromethane	8.177	113	318016	49.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	10.571	98	1234243	46.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.940%
62) 4-Bromofluorobenzene	12.853	95	289813	37.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	75.120%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	3654	Below Cal		92
5) Bromomethane	2.942	94	1071	Below Cal	#	55
11) Tert butyl alcohol	5.547	59	1115	0.617	ug/l #	73
13) Acrolein	4.212	56	1223	0.686	ug/l #	78
15) Acrylonitrile	5.747	53	1045	0.221	ug/l #	25
16) Acetone	4.477	43	2043	0.523	ug/l	99
17) Carbon Disulfide	4.742	76	3027	0.226	ug/l #	68
18) Methyl Acetate	5.065	43	11452	0.939	ug/l #	73
31) Cyclohexane	8.230	56	10427	0.970	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	31445	3.739	ug/l #	50
38) Carbon Tetrachloride	8.230	117	37216	4.372	ug/l #	21
58) 2-Chloroethyl Vinyl ether	10.165	63	817	9.502	ug/l #	49
71) Bromoform	12.847	173	2601	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	164851	24.516	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	164851	58.930	ug/l #	9
88) 1,4-Dichlorobenzene	13.823	146	2373	0.275	ug/l #	25
95) Naphthalene	15.647	128	7399	0.449	ug/l #	93

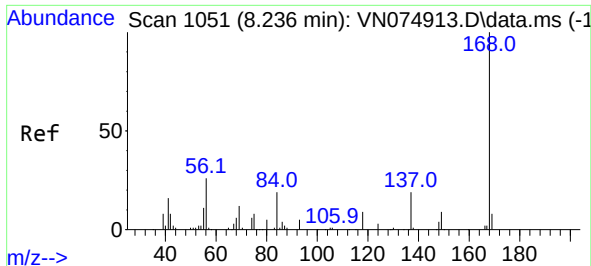
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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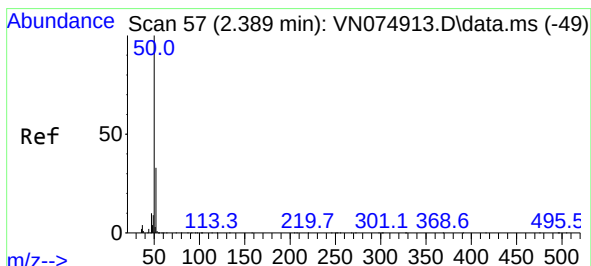
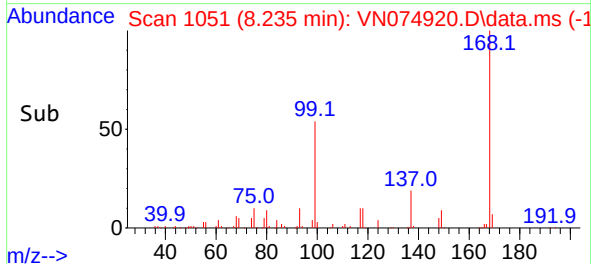
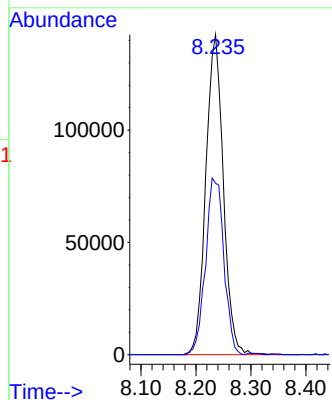
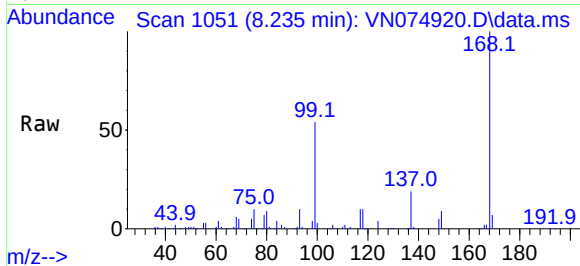




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

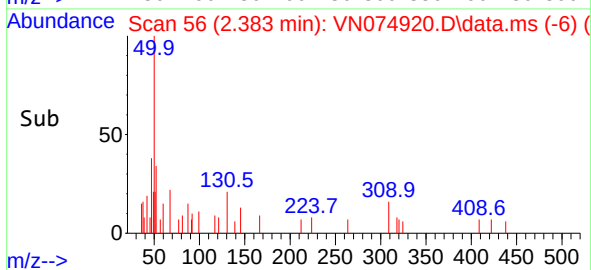
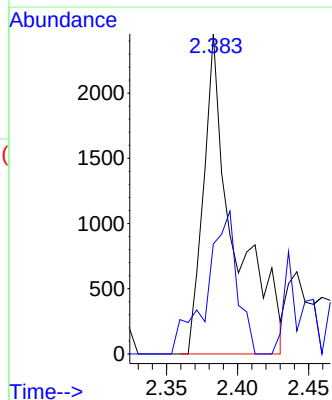
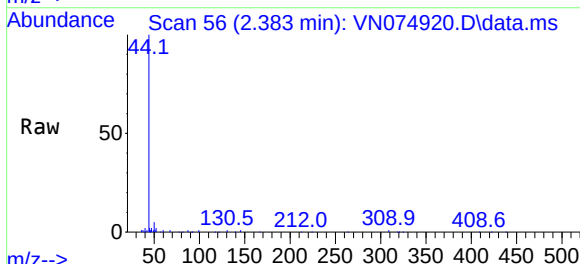
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

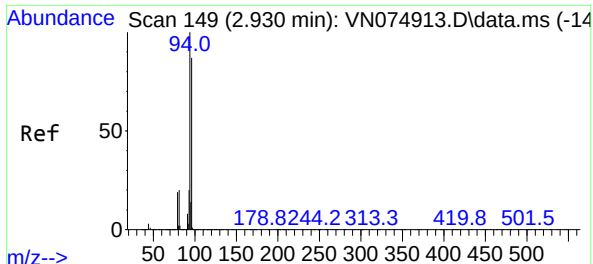
Tgt Ion:168 Resp: 315047
Ion Ratio Lower Upper
168 100
99 53.6 47.6 71.4



#3
Chloromethane
Concen: Below Cal
RT: 2.383 min Scan# 56
Delta R.T. -0.006 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 50 Resp: 3654
Ion Ratio Lower Upper
50 100
52 28.1 26.1 39.1

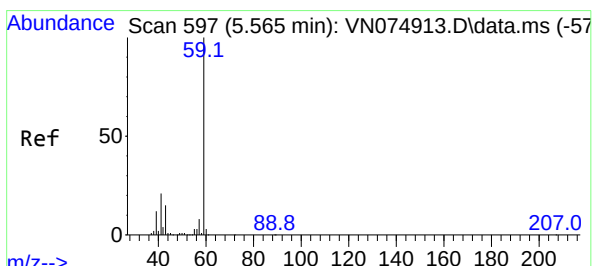
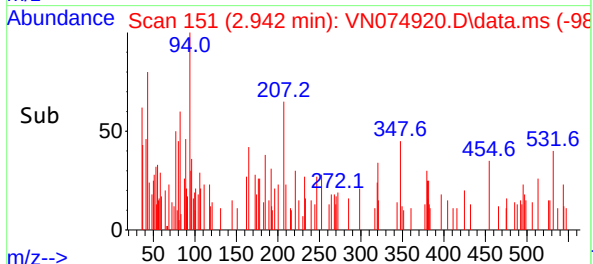
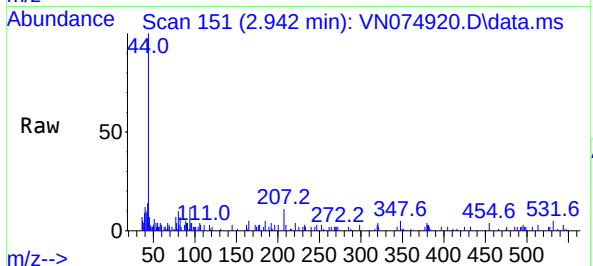




#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

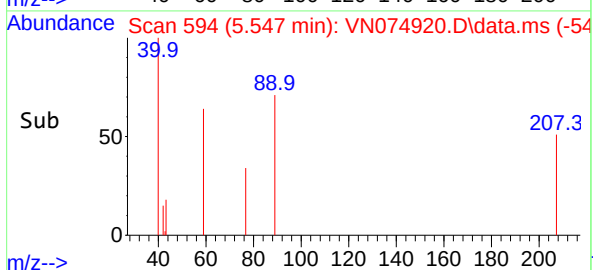
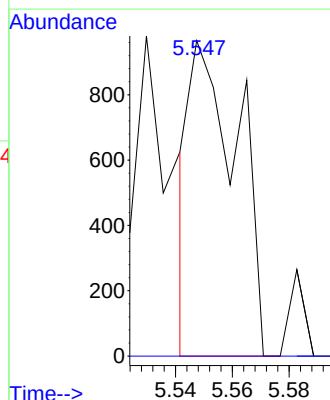
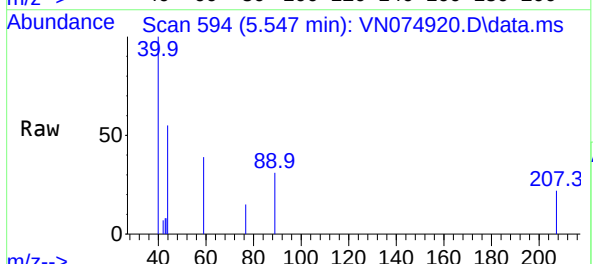
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

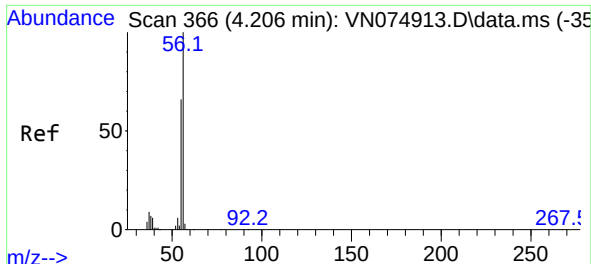
Tgt Ion: 94 Resp: 1071
Ion Ratio Lower Upper
94 100
96 45.4 70.0 105.0#



#11
Tert butyl alcohol
Concen: 0.617 ug/l
RT: 5.547 min Scan# 594
Delta R.T. -0.018 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 59 Resp: 1115
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

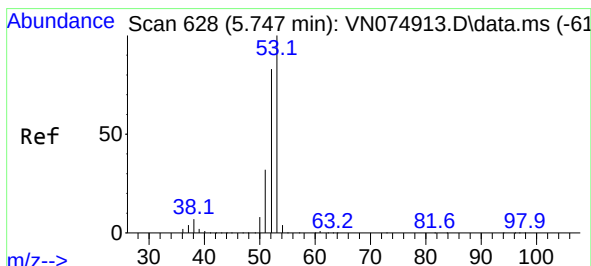
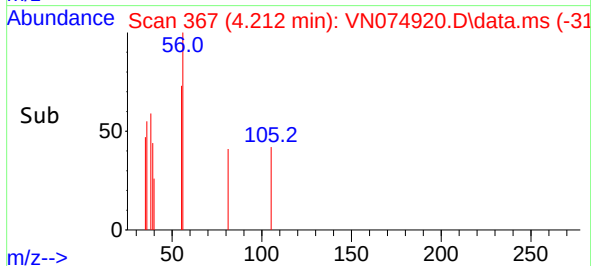
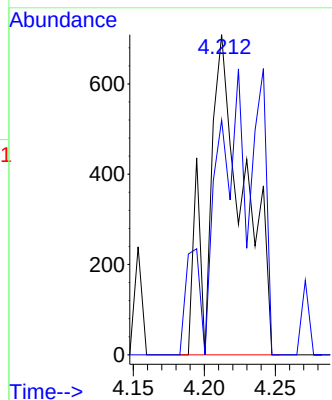
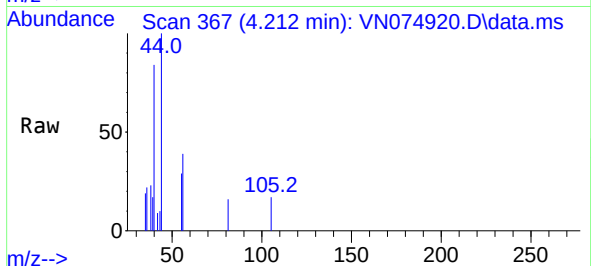




#13
Acrolein
Concen: 0.686 ug/l
RT: 4.212 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

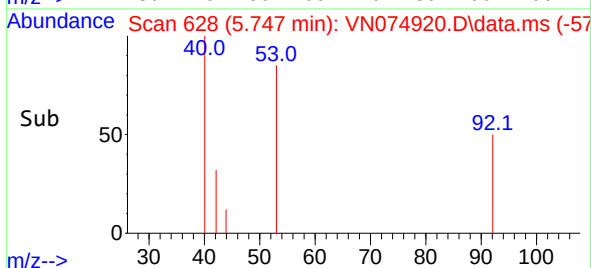
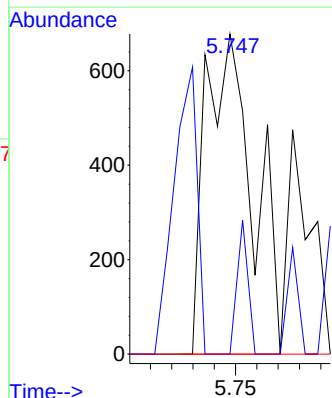
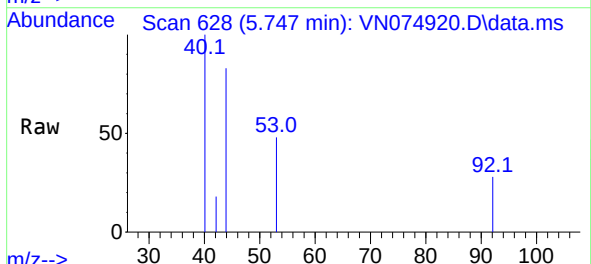
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

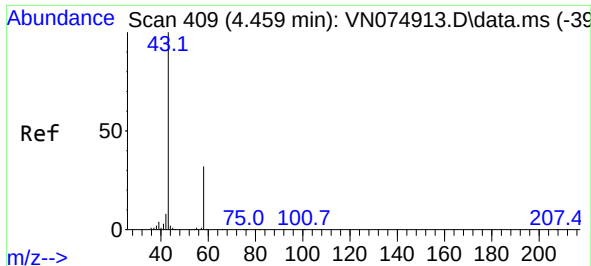
Tgt Ion: 56 Resp: 1223
Ion Ratio Lower Upper
56 100
55 49.3 53.4 80.0#



#15
Acrylonitrile
Concen: 0.221 ug/l
RT: 5.747 min Scan# 628
Delta R.T. -0.000 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 53 Resp: 1045
Ion Ratio Lower Upper
53 100
52 9.6 66.2 99.2#
51 0.0 28.5 42.7#

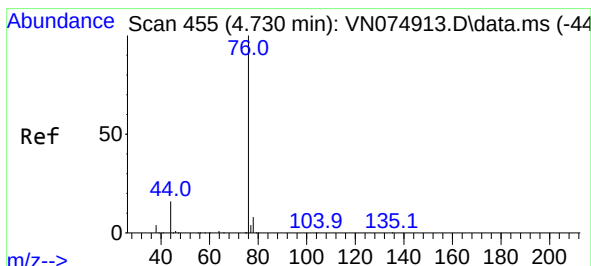
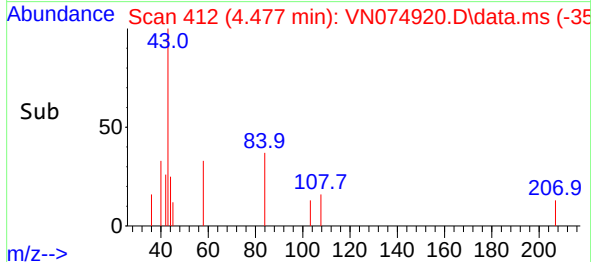
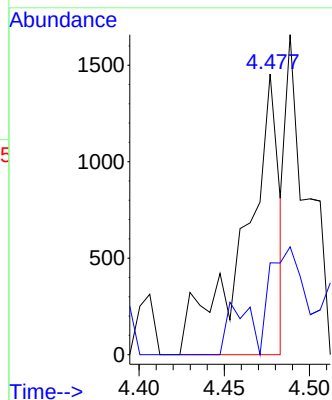
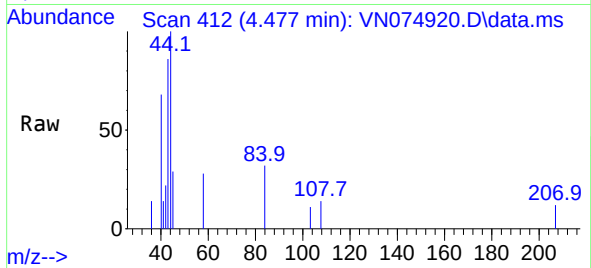




#16
Acetone
Concen: 0.523 ug/l
RT: 4.477 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

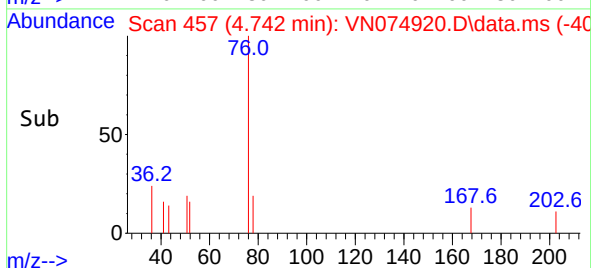
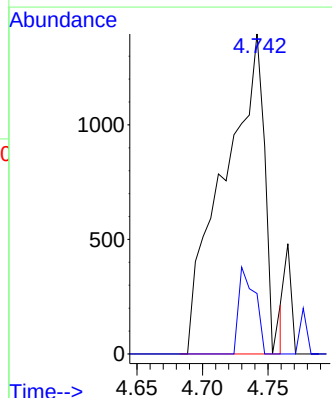
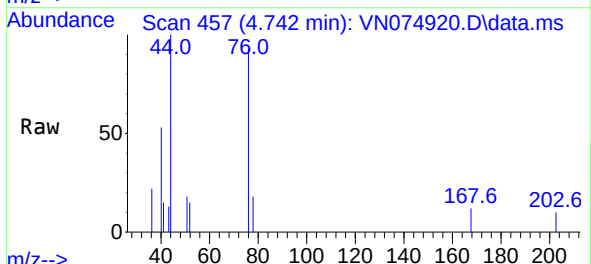
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

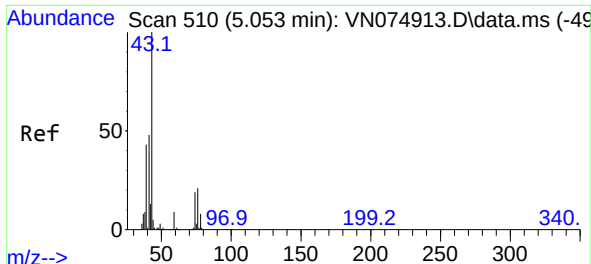
Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 32.7 25.8 38.8



#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.742 min Scan# 457
Delta R.T. 0.012 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 76 Resp: 3027
Ion Ratio Lower Upper
76 100
78 18.9 6.1 9.1#





#18

Methyl Acetate

Concen: 0.939 ug/l

RT: 5.065 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN074920.D

Acq: 17 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

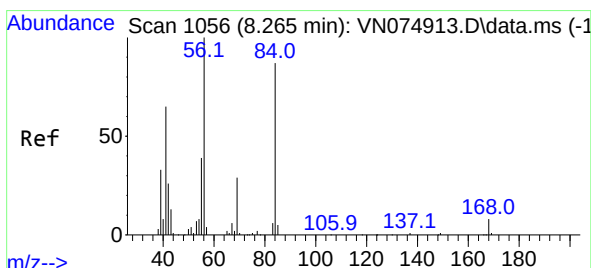
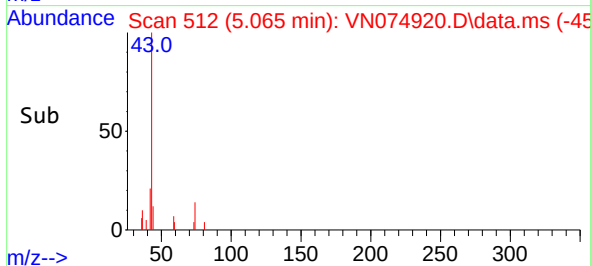
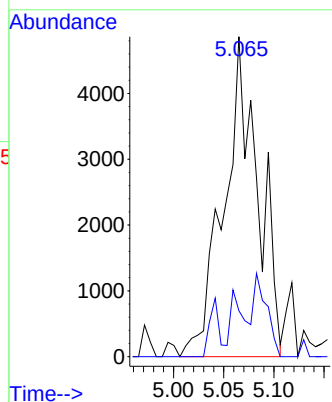
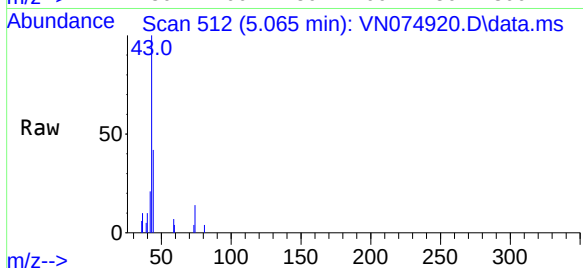
VN1017WBL01

Tgt Ion: 43 Resp: 11452

Ion Ratio Lower Upper

43 100

74 8.5 17.0 25.6#



#31

Cyclohexane

Concen: 0.970 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN074920.D

Acq: 17 Oct 2022 16:56

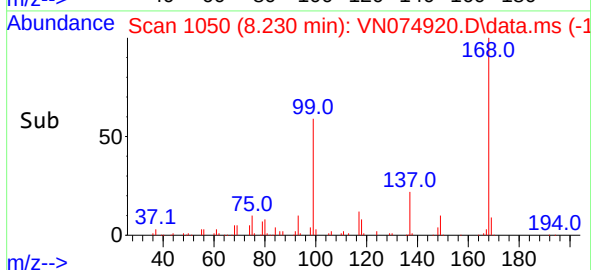
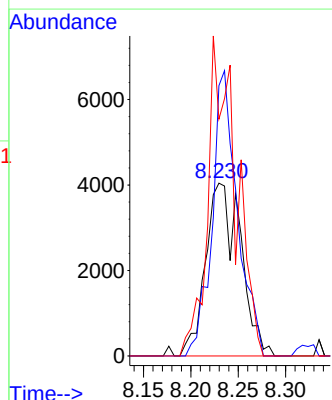
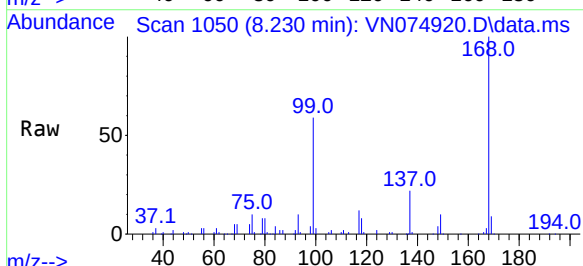
Tgt Ion: 56 Resp: 10427

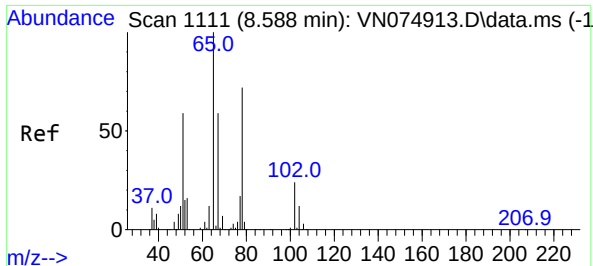
Ion Ratio Lower Upper

56 100

69 156.4 23.4 35.0#

84 137.0 69.9 104.9#

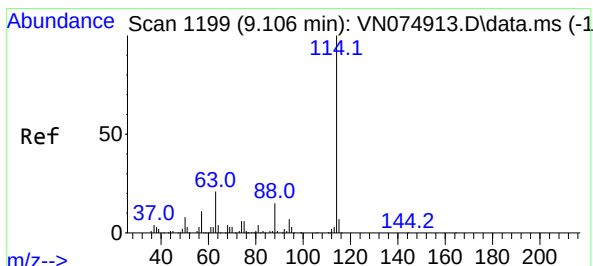
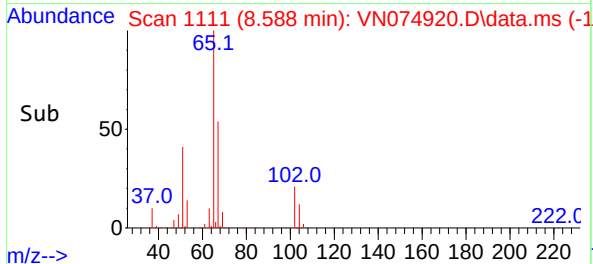
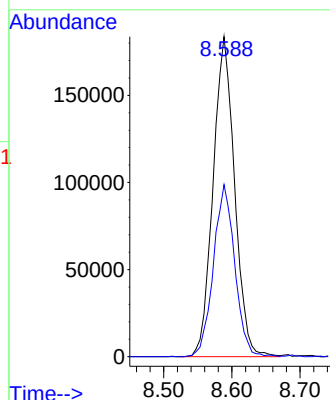
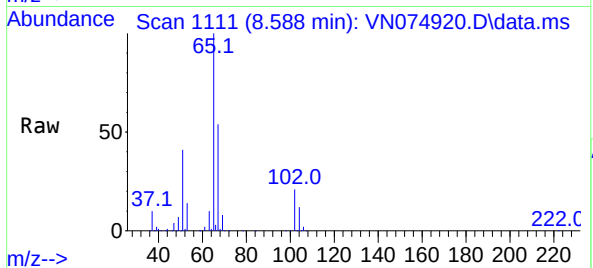




#33
1,2-Dichloroethane-d4
Concen: 48.562 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

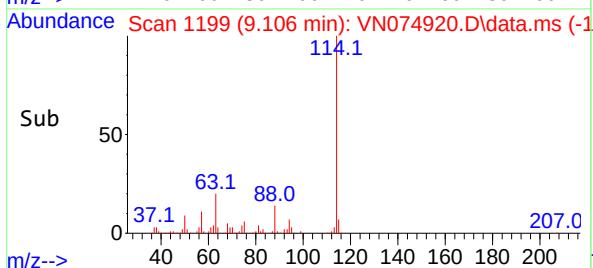
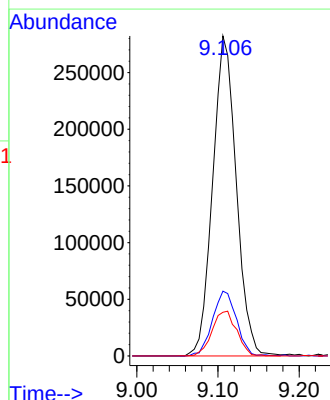
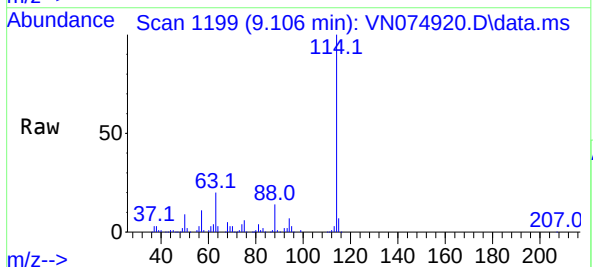
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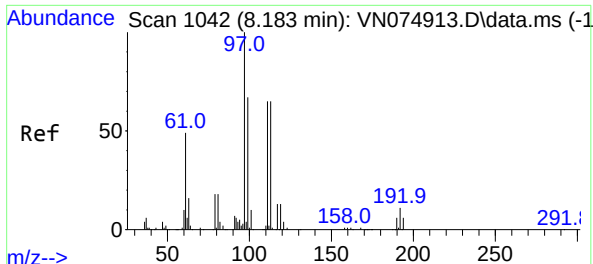
Tgt Ion: 65 Resp: 403567
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 114 Resp: 569684
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.2
88 13.6 0.0 30.2

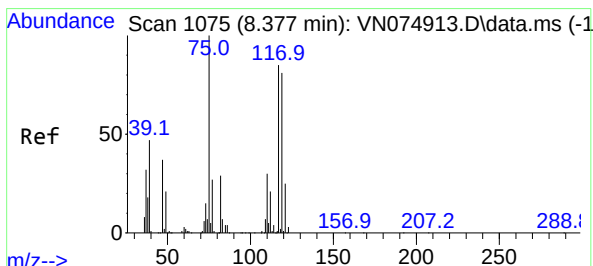
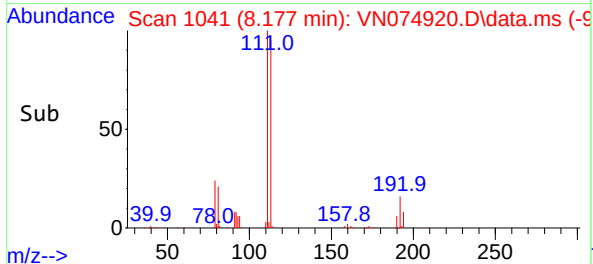
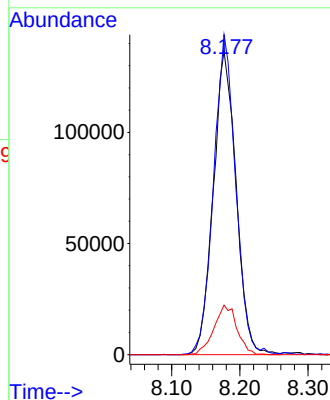
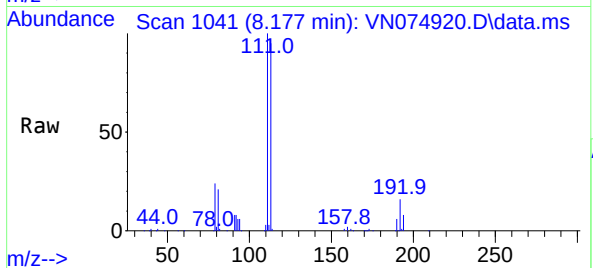




#35
Dibromofluoromethane
Concen: 49.650 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

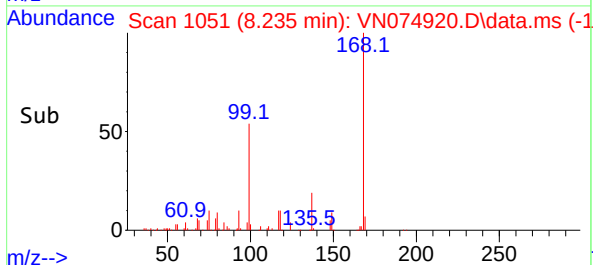
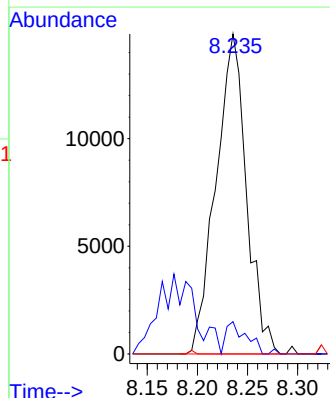
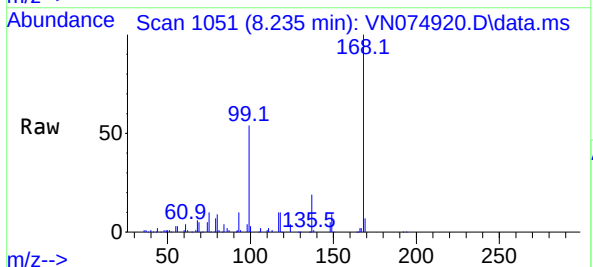
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

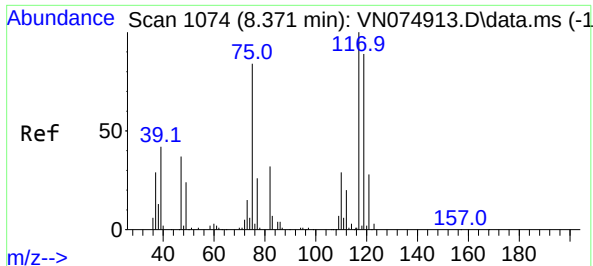
Tgt Ion:113 Resp: 318016
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 3.739 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 75 Resp: 31445
Ion Ratio Lower Upper
75 100
110 6.5 16.1 48.3#
77 0.0 23.3 34.9#

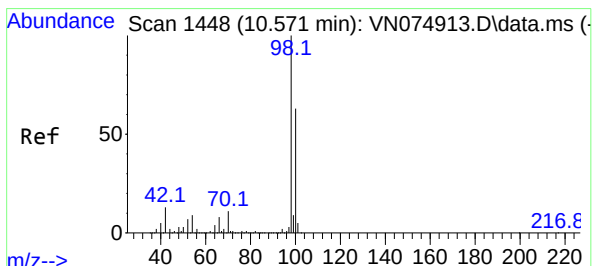
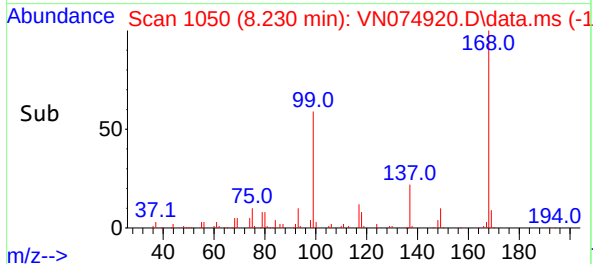
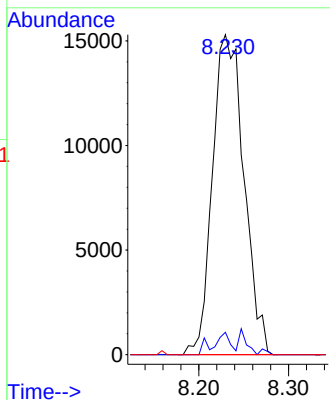
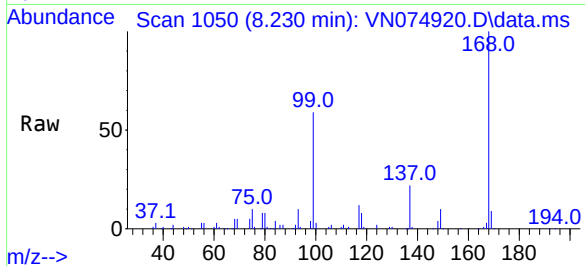




#38
Carbon Tetrachloride
Concen: 4.372 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

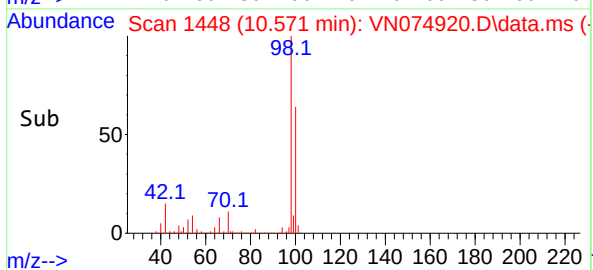
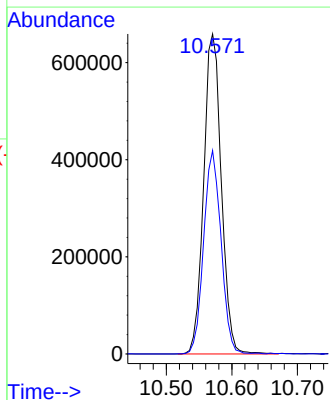
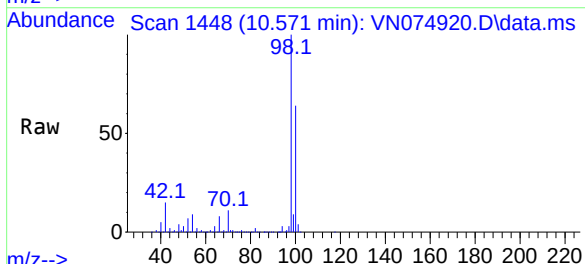
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

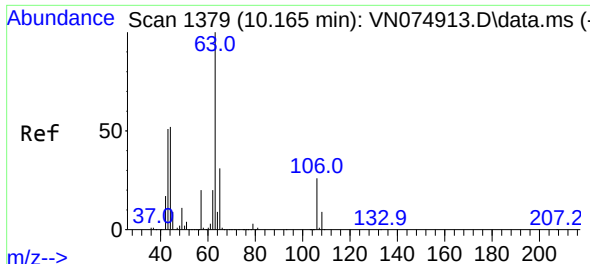
Tgt Ion:117 Resp: 37216
Ion Ratio Lower Upper
117 100
119 7.0 71.0 106.6#
121 0.0 22.2 33.4#



#50
Toluene-d8
Concen: 46.469 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 98 Resp: 1234243
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1

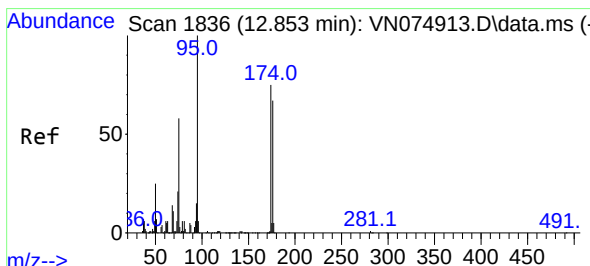
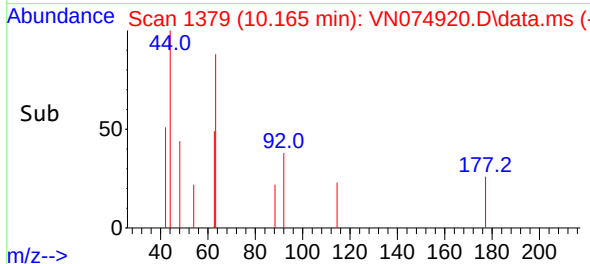
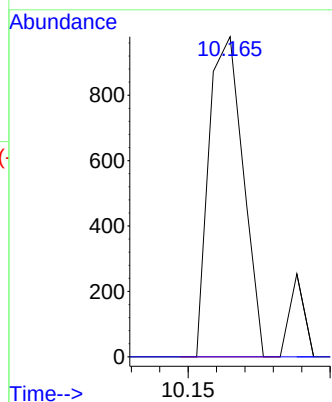
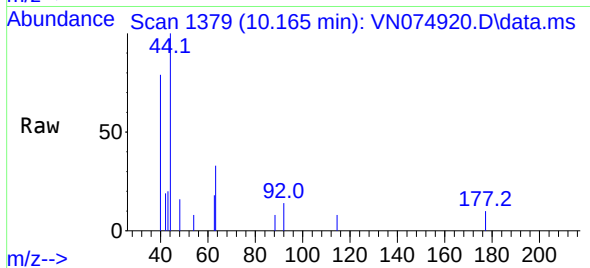




#58
2-Chloroethyl Vinyl ether
Concen: 9.502 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

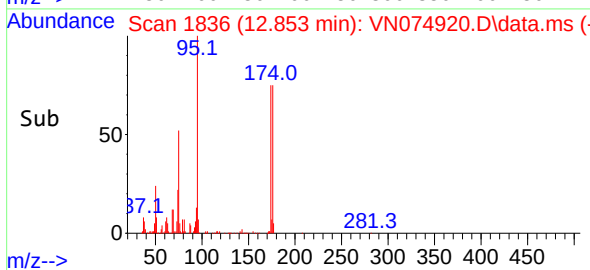
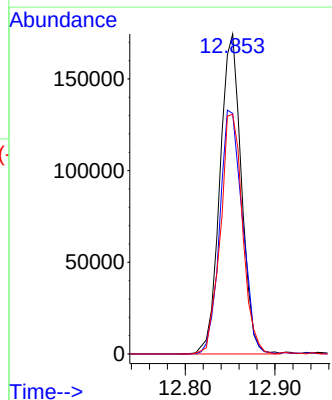
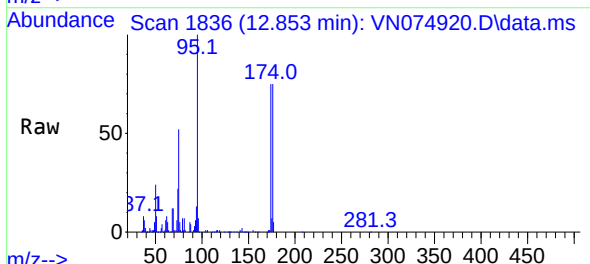
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

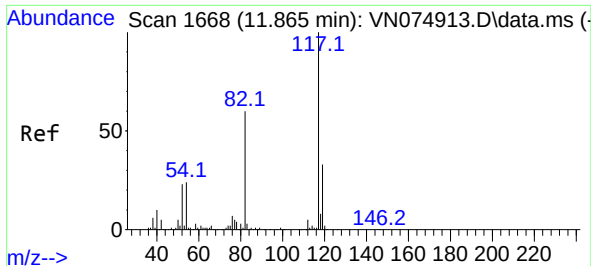
Tgt Ion: 63 Resp: 817
Ion Ratio Lower Upper
63 100
106 0.0 20.8 31.2#



#62
4-Bromofluorobenzene
Concen: 37.557 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 95 Resp: 289813
Ion Ratio Lower Upper
95 100
174 80.1 0.0 157.8
176 77.2 0.0 148.0

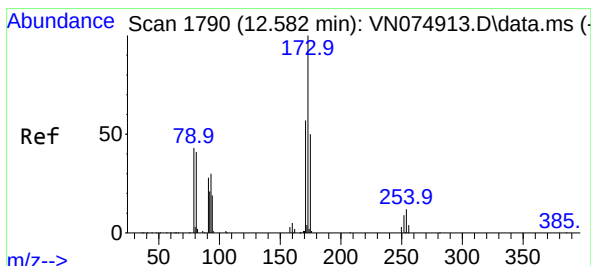
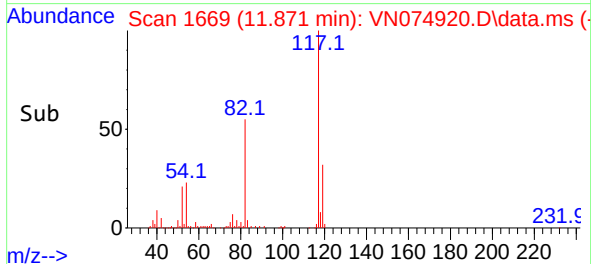
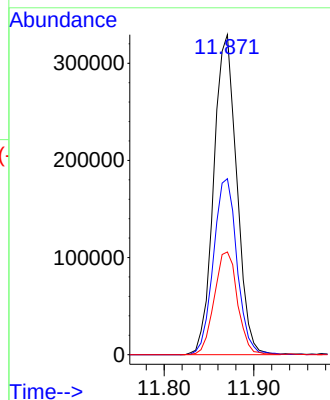
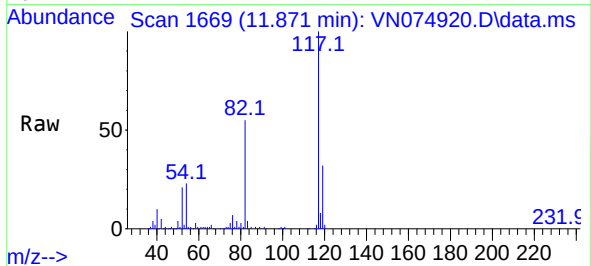




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

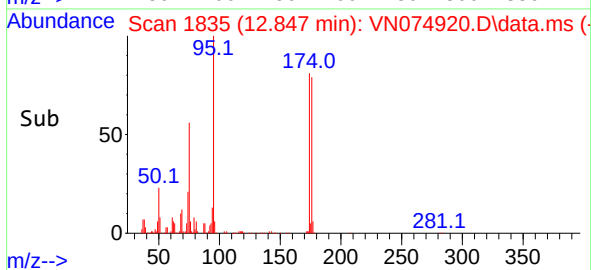
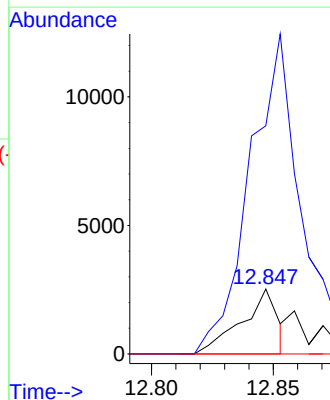
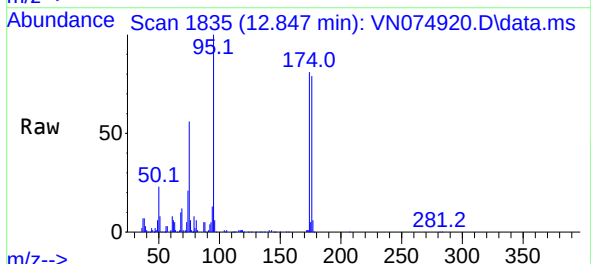
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

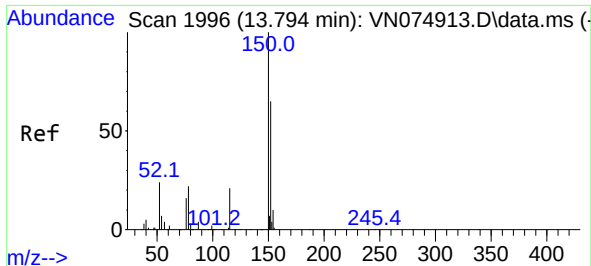
Tgt Ion:117 Resp: 586558
Ion Ratio Lower Upper
117 100
82 55.0 48.0 72.0
119 32.1 26.1 39.1



#71
Bromoform
Concen: 0.591 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion:173 Resp: 2601
Ion Ratio Lower Upper
173 100
175 578.5 24.5 73.5#
254 0.0 0.0 0.0

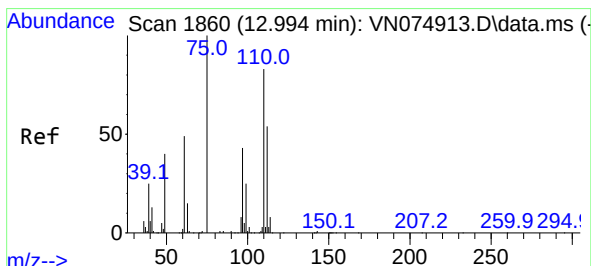
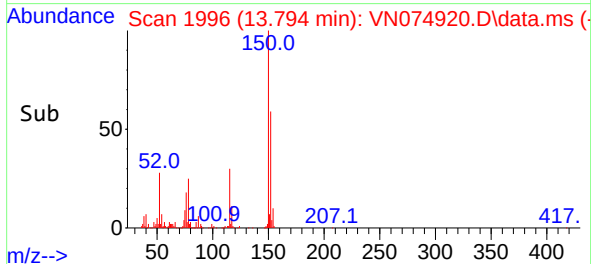
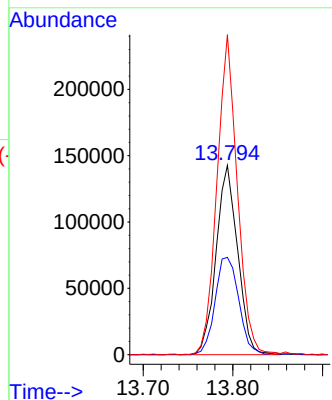
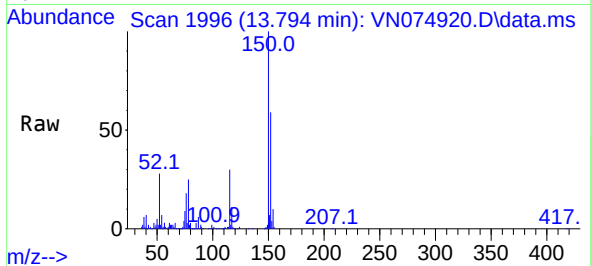




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

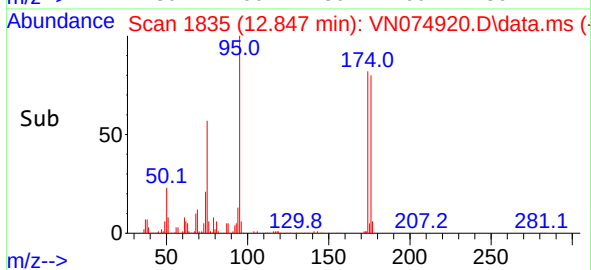
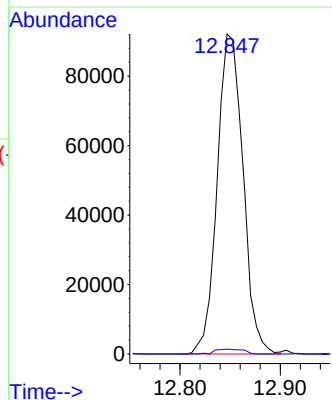
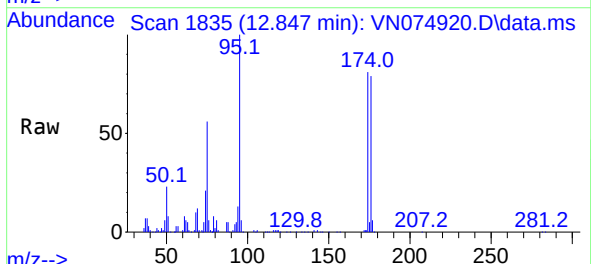
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

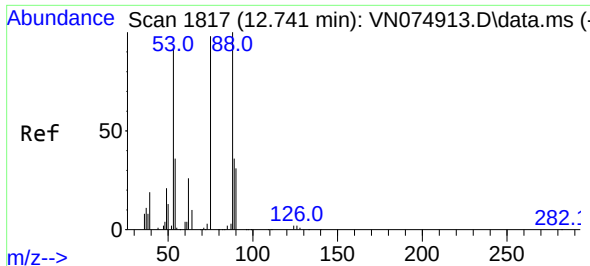
Tgt Ion:152 Resp: 237904
Ion Ratio Lower Upper
152 100
115 56.7 29.7 89.1
150 160.1 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 24.516 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion: 75 Resp: 164851
Ion Ratio Lower Upper
75 100
77 1.7 77.8 233.5#

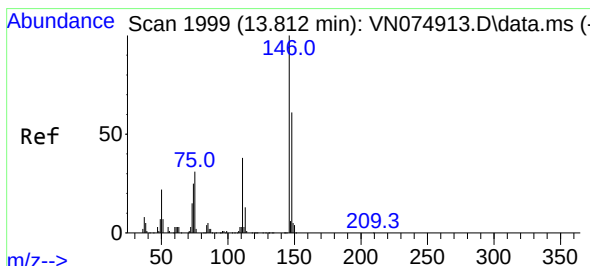
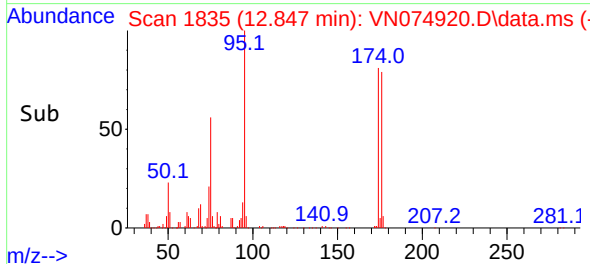
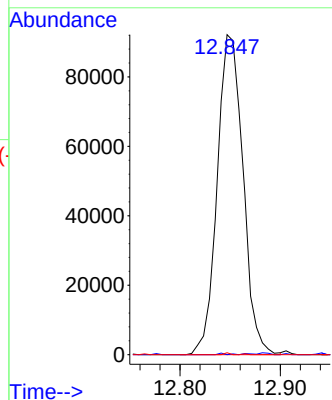
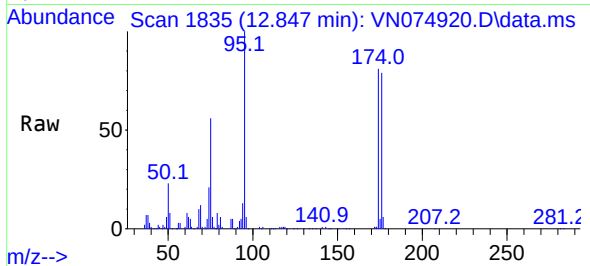




#81
trans-1,4-Dichloro-2-butene
Concen: 58.930 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

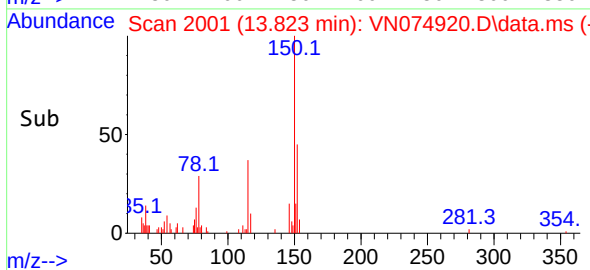
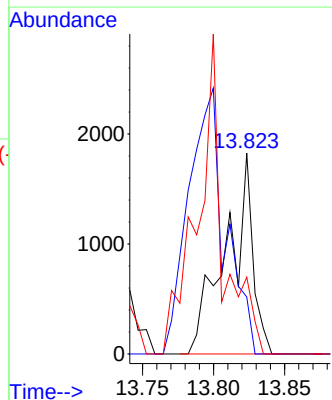
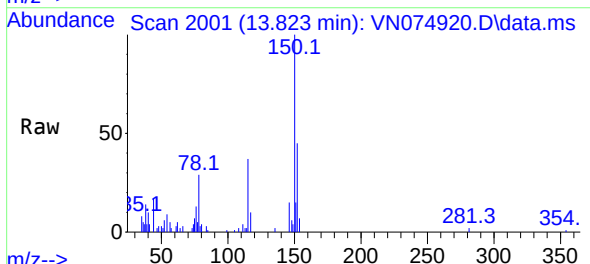
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

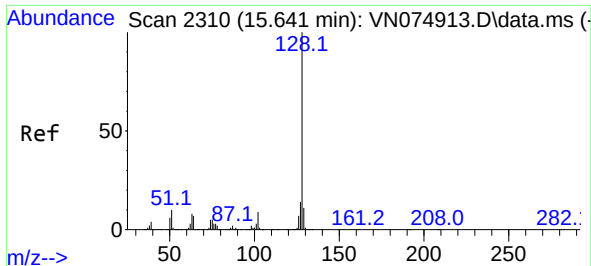
Tgt Ion: 75 Resp: 164851
Ion Ratio Lower Upper
75 100
53 0.1 82.4 123.6#
89 0.1 34.7 52.1#



#88
1,4-Dichlorobenzene
Concen: 0.275 ug/l
RT: 13.823 min Scan# 2001
Delta R.T. 0.012 min
Lab File: VN074920.D
Acq: 17 Oct 2022 16:56

Tgt Ion:146 Resp: 2373
Ion Ratio Lower Upper
146 100
111 0.0 19.4 58.1#
148 0.0 31.8 95.3#





#95

Naphthalene

Concen: 0.449 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN074920.D

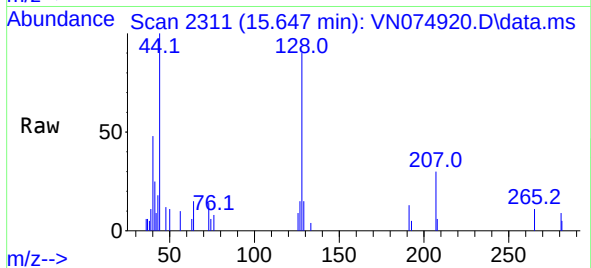
Acq: 17 Oct 2022 16:56

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBL01



Tgt Ion:128 Resp: 7399

Ion Ratio Lower Upper

128 100

127 9.6 10.8 16.2#

129 12.3 8.7 13.1

