

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072414.D
 Acq On : 11 May 2022 14:03
 Operator : JC\MD
 Sample : N2763-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20220509

Quant Time: May 12 02:11:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

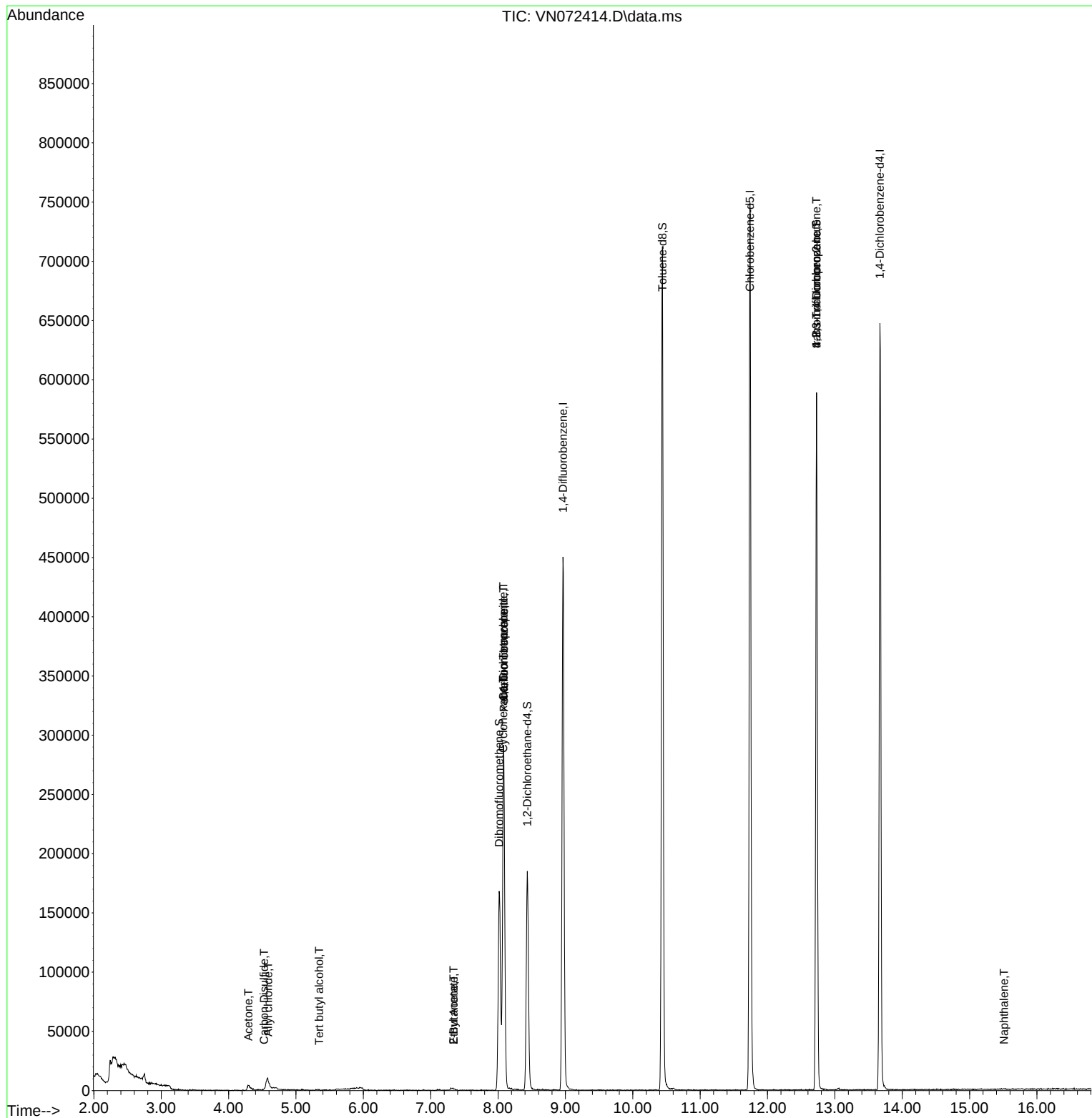
Internal Standards						
1) Pentafluorobenzene	8.086	168	209811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	382279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	426023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	177375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	165382	51.463	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.920%		
35) Dibromofluoromethane	8.016	113	123665	48.624	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.240%		
50) Toluene-d8	10.439	98	487926	50.374	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.740%		
62) 4-Bromofluorobenzene	12.727	95	198227	61.622	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 123.240%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2600	Below Cal	#	43
6) Chloroethane	3.198	64	237	Below Cal	#	42
11) Tert butyl alcohol	5.345	59	304	0.579	ug/l #	72
14) Allyl chloride	4.587	41	901	0.229	ug/l #	20
16) Acetone	4.292	43	7576	5.953	ug/l #	72
17) Carbon Disulfide	4.528	76	1128	0.206	ug/l #	75
25) 2-Butanone	7.339	43	2337	1.163	ug/l #	45
31) Cyclohexane	8.075	56	4725	1.110	ug/l #	50
36) 1,1-Dichloropropene	8.080	75	16582	4.539	ug/l #	50
37) Ethyl Acetate	7.339	43	2337	0.533	ug/l #	67
38) Carbon Tetrachloride	8.080	117	24069	5.887	ug/l #	16
76) 1,2,3-Trichloropropane	12.727	75	110656	23.919	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	110656	79.794	ug/l #	10
95) Naphthalene	15.509	128	505	3.232	ug/l #	69

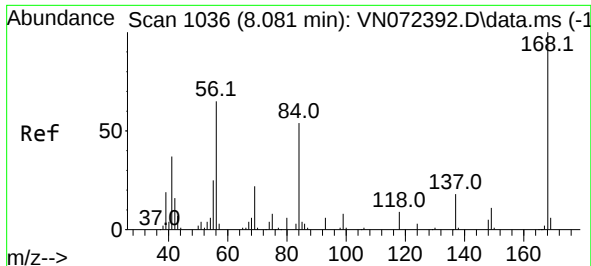
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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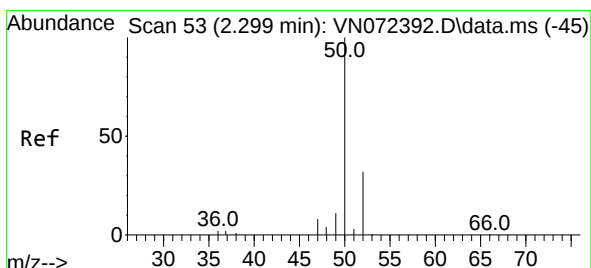
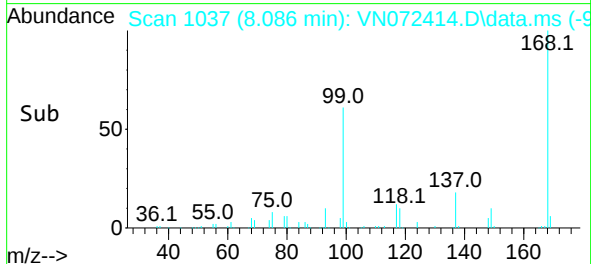
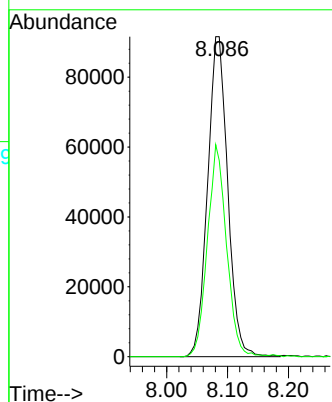
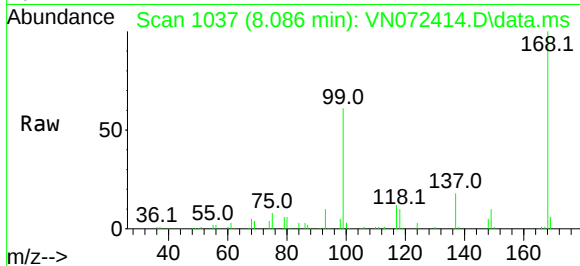




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

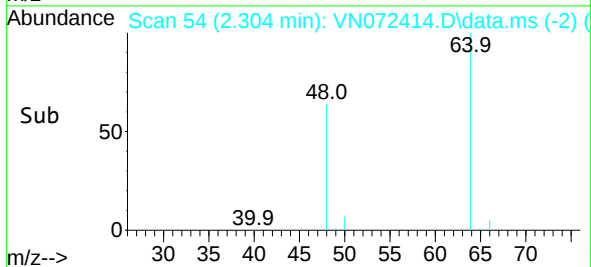
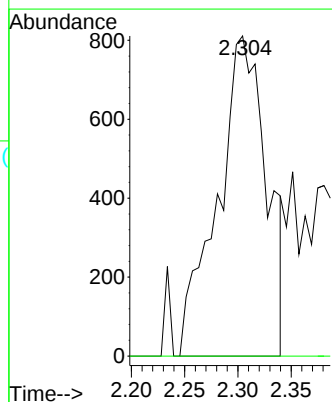
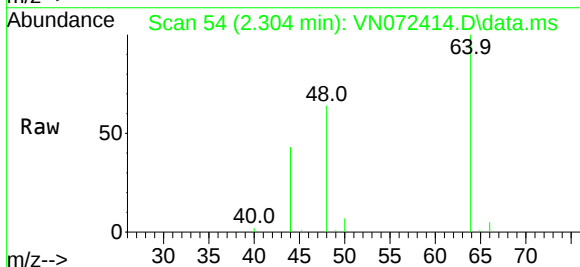
Instrument :
MSVOA_N
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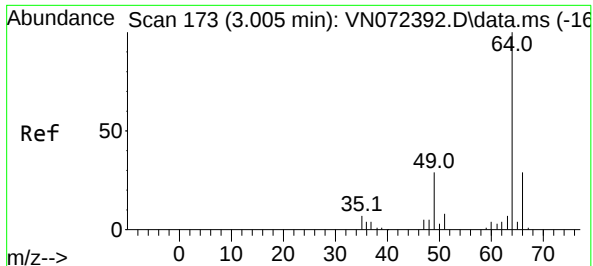
Tgt Ion:168 Resp: 209811
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 50 Resp: 2600
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

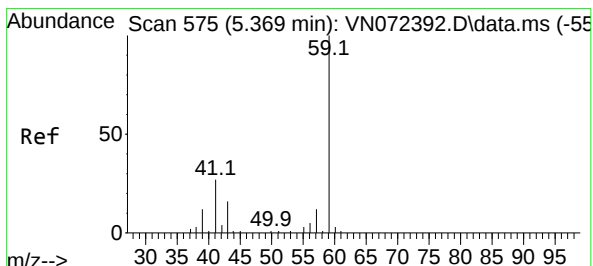
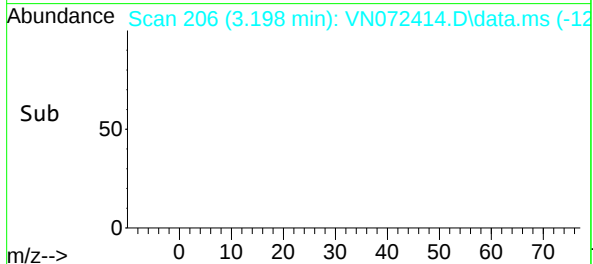
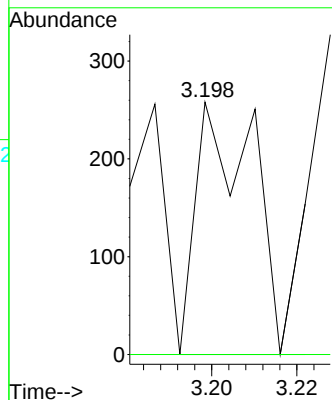
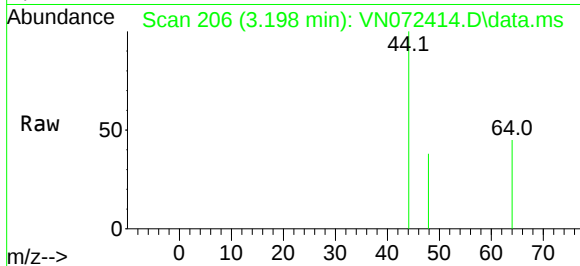




#6
Chloroethane
Concen: Below Cal
RT: 3.198 min Scan# 206
Delta R.T. 0.193 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

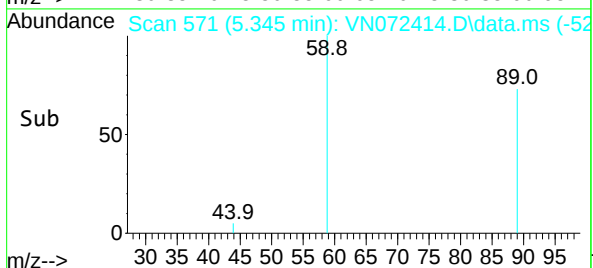
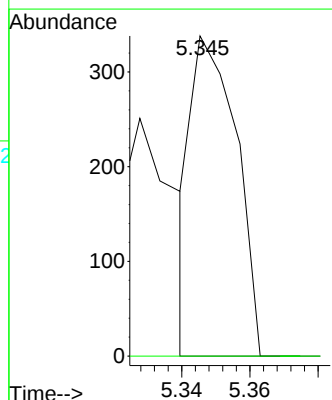
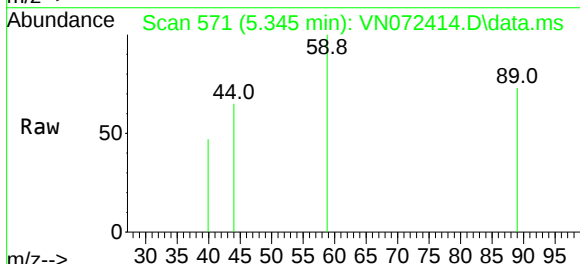
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20220509

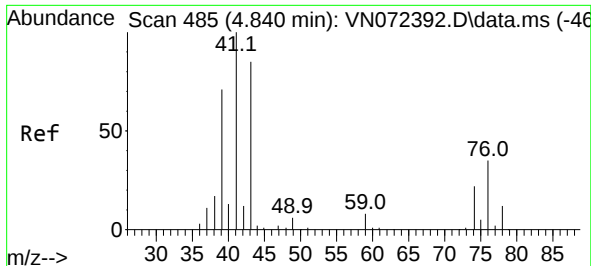
Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.579 ug/l
RT: 5.345 min Scan# 571
Delta R.T. -0.024 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 59 Resp: 304
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

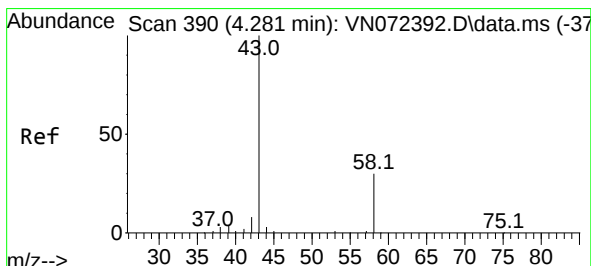
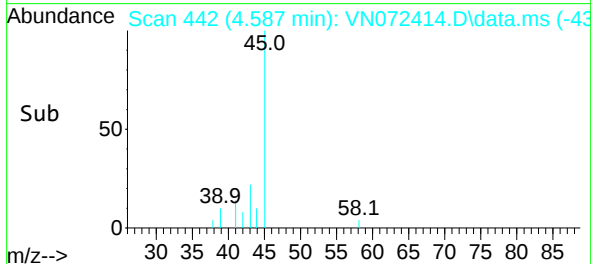
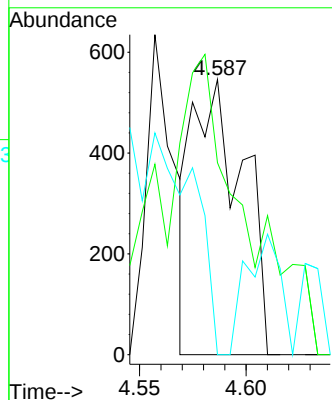
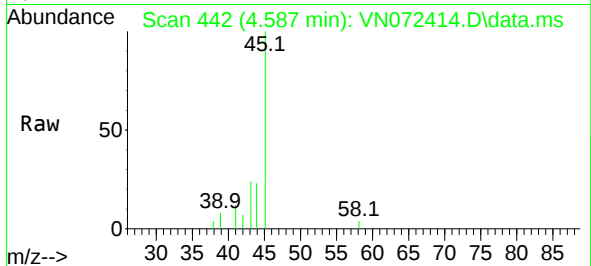




#14
Allyl chloride
Concen: 0.229 ug/l
RT: 4.587 min Scan# 441
Delta R.T. -0.253 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

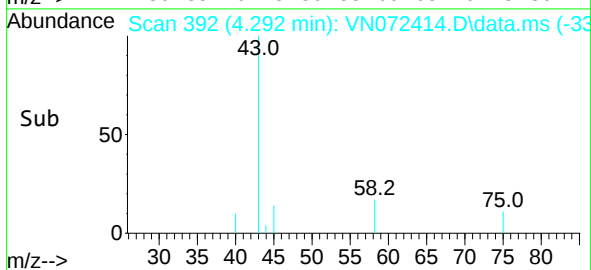
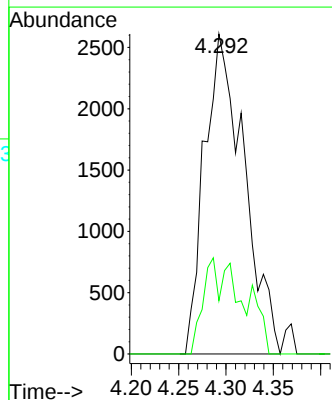
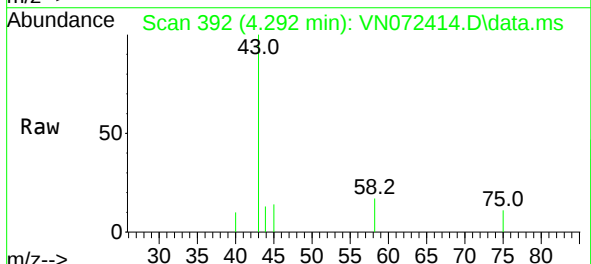
Instrument :
MSVOA_N
ClientSampleId :
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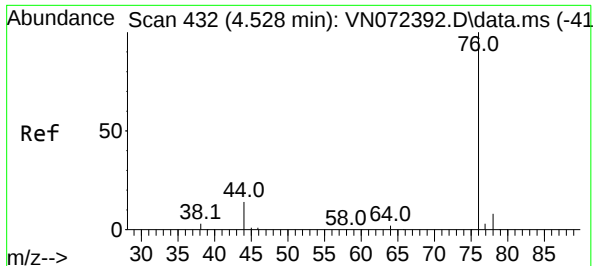
Tgt Ion: 41 Resp: 901
Ion Ratio Lower Upper
41 100
39 138.5 53.2 79.8#
76 0.0 29.9 44.9#



#16
Acetone
Concen: 5.953 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.011 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 43 Resp: 7576
Ion Ratio Lower Upper
43 100
58 16.7 26.0 39.0#

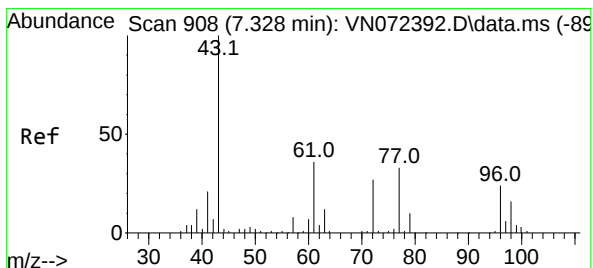
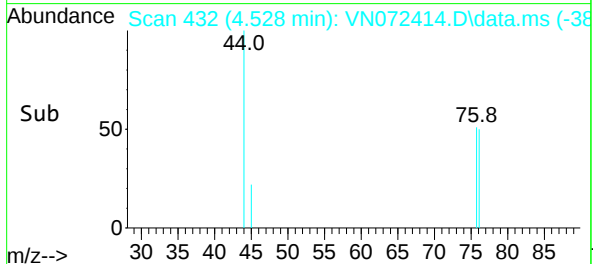
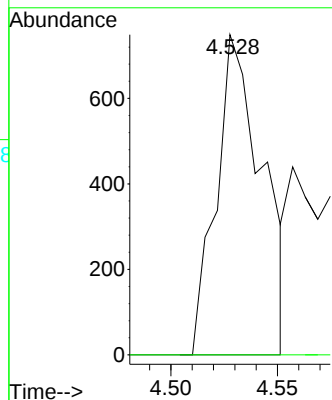
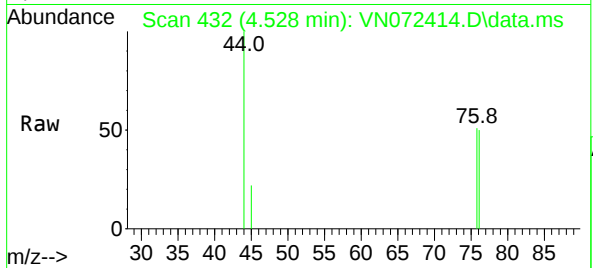




#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

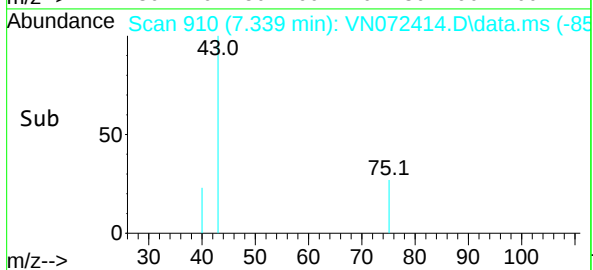
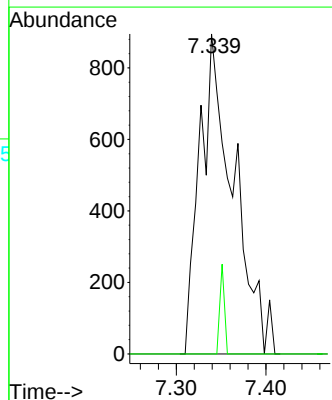
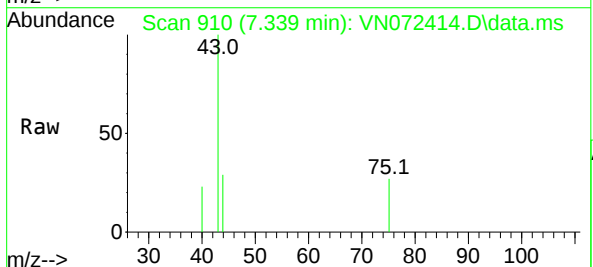
Instrument :
MSVOA_N
ClientSampleId :
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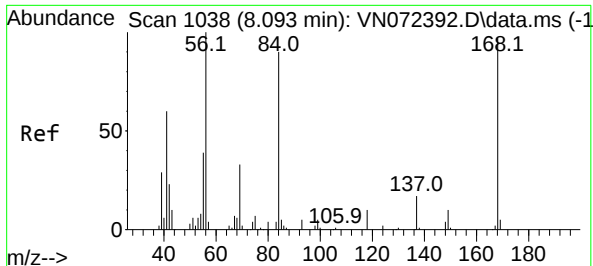
Tgt Ion: 76 Resp: 1128
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 1.163 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

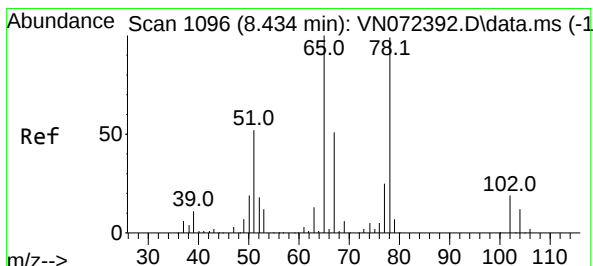
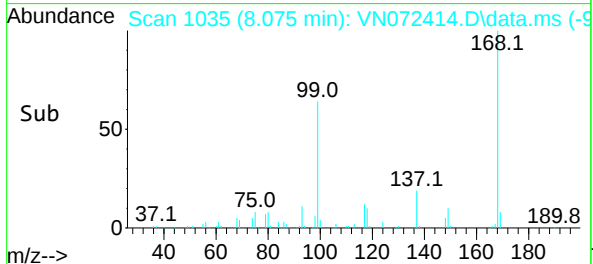
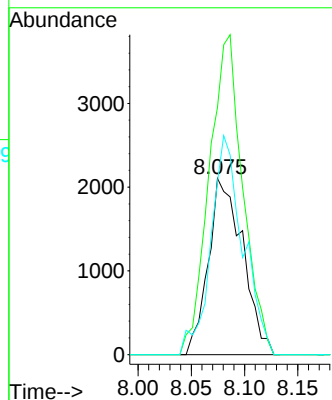
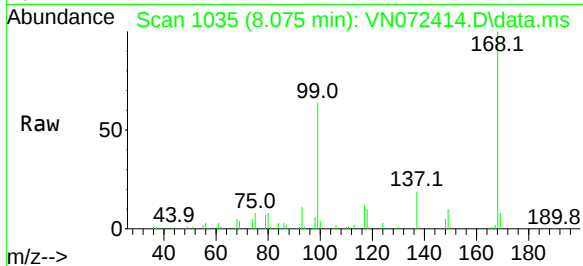




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.018 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

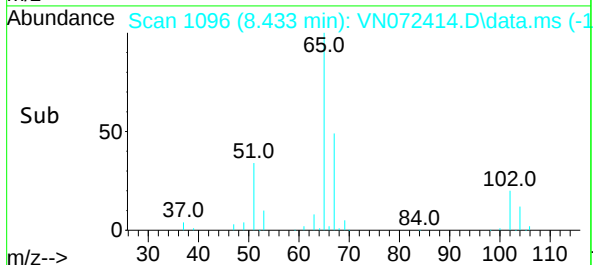
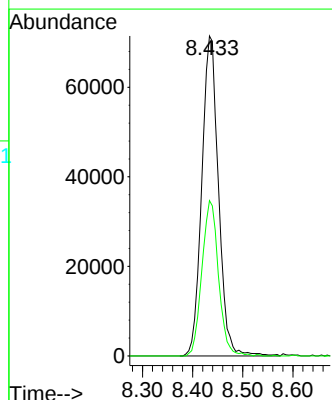
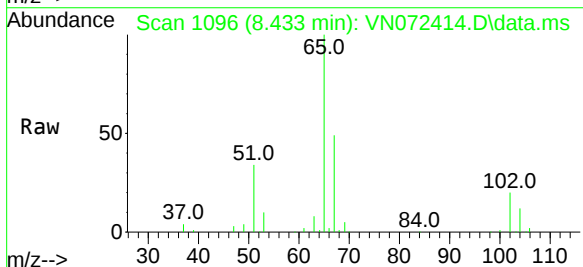
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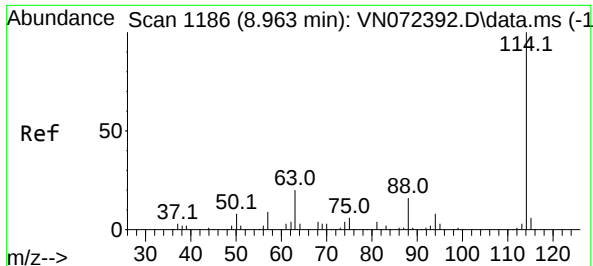
Tgt Ion: 56 Resp: 4725
Ion Ratio Lower Upper
56 100
69 140.2 27.8 41.8#
84 97.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.463 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 65 Resp: 165382
Ion Ratio Lower Upper
65 100
67 48.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072414.D

Acq: 11 May 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

MW-2-20220509

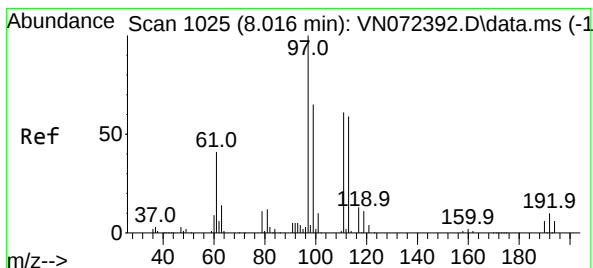
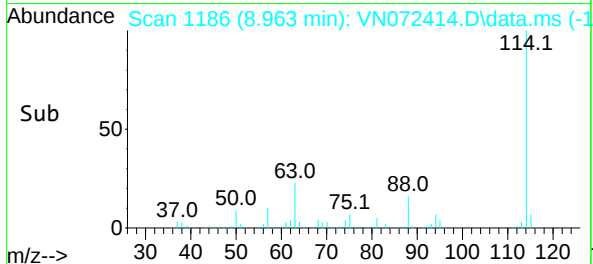
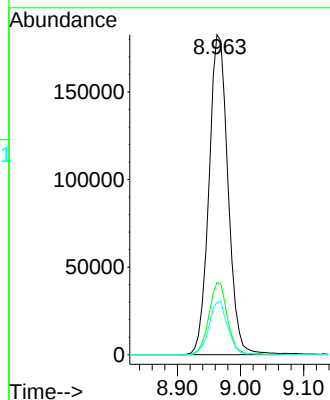
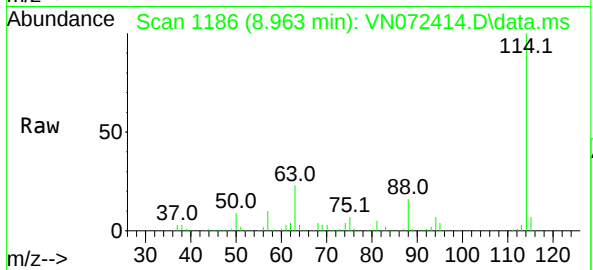
Tgt Ion:114 Resp: 382279

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.624 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072414.D

Acq: 11 May 2022 14:03

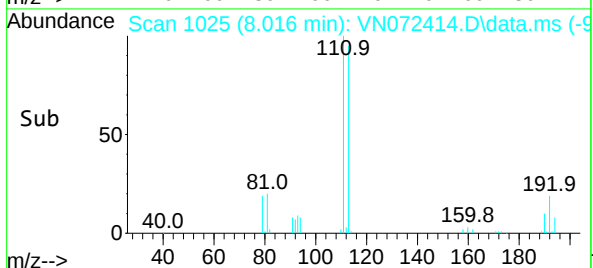
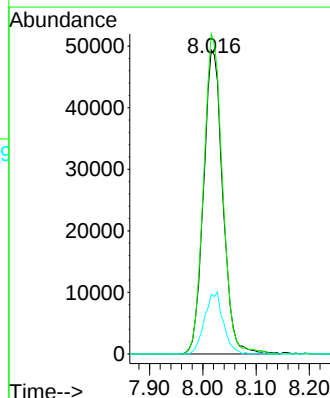
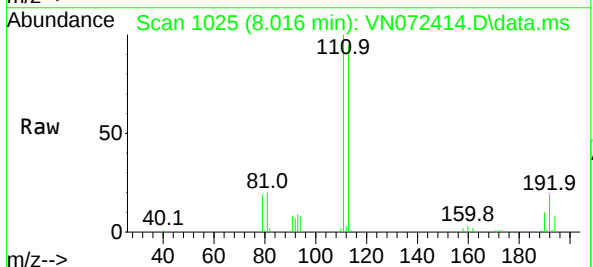
Tgt Ion:113 Resp: 123665

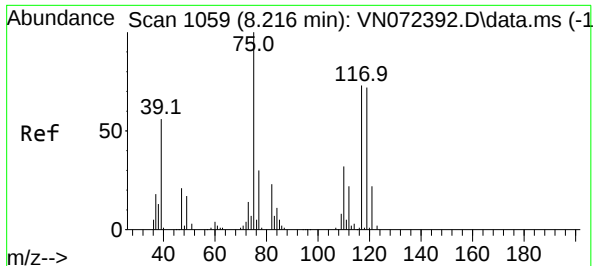
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 19.7 17.0 25.6

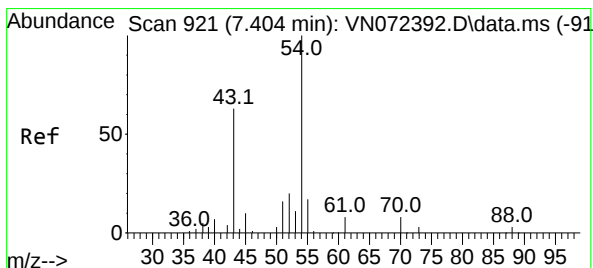
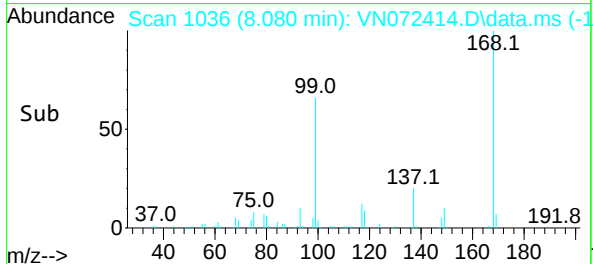
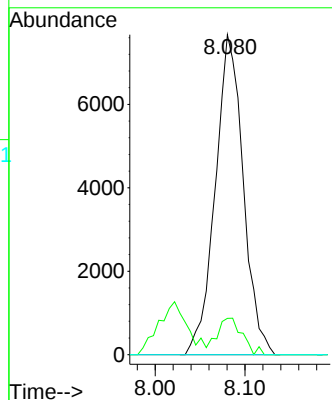
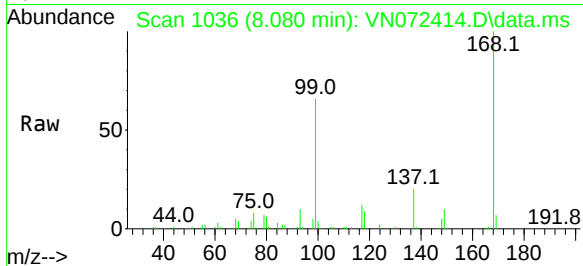




#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 8.080 min Scan# 1059
Delta R.T. -0.136 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

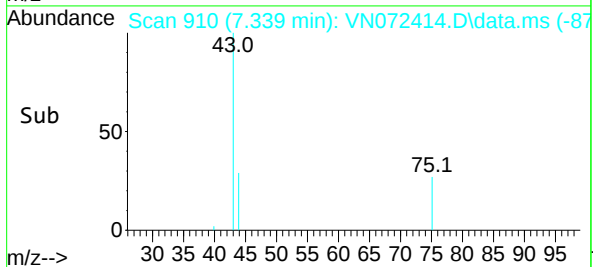
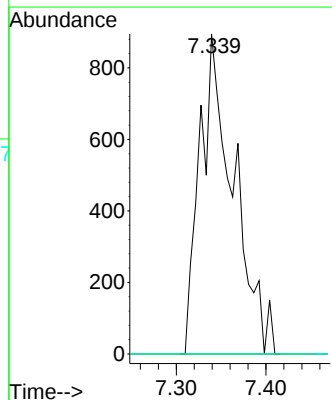
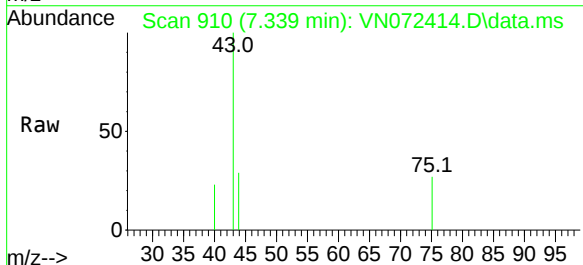
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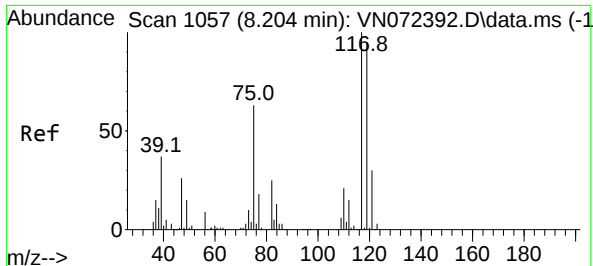
Tgt Ion: 75 Resp: 16582
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.533 ug/l
RT: 7.339 min Scan# 910
Delta R.T. -0.065 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 43 Resp: 2337
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

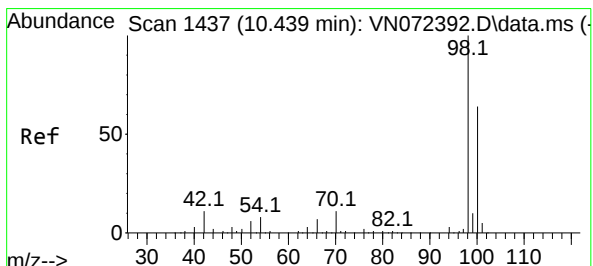
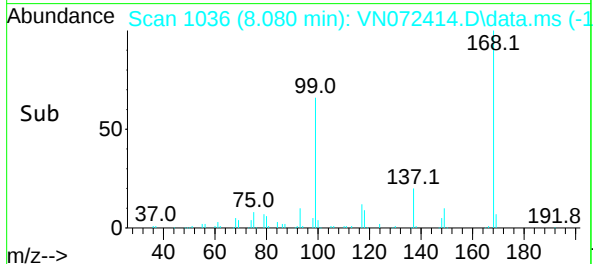
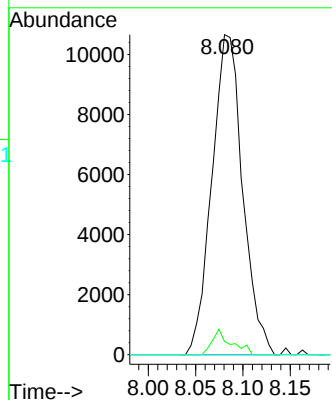
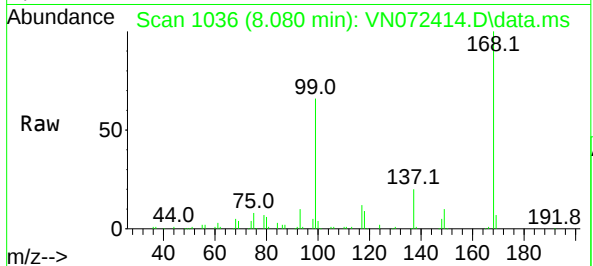




#38
Carbon Tetrachloride
Concen: 5.887 ug/l
RT: 8.080 min Scan# 1057
Delta R.T. -0.124 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

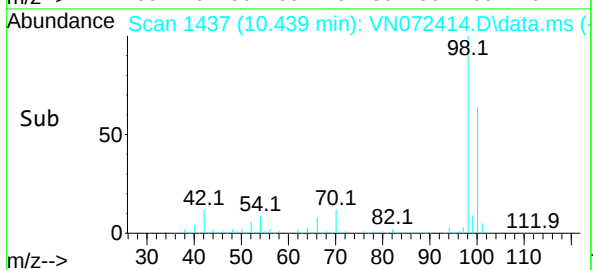
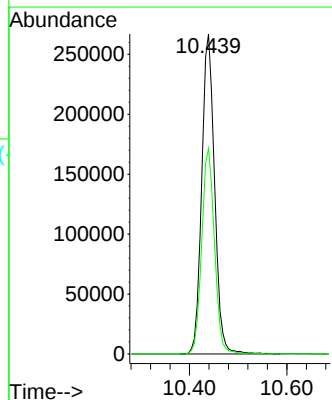
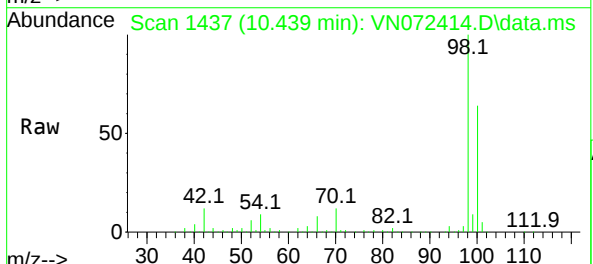
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20220509

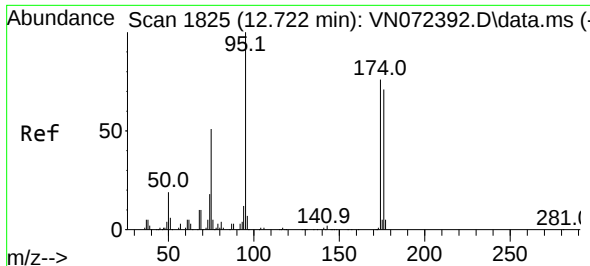
Tgt Ion:117 Resp: 24069
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.374 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 98 Resp: 487926
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

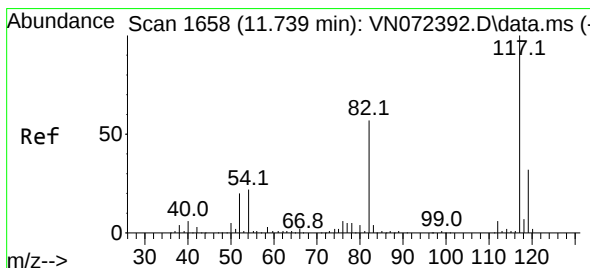
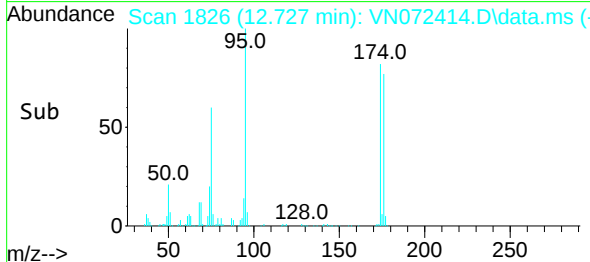
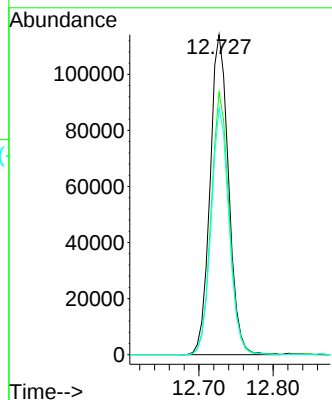
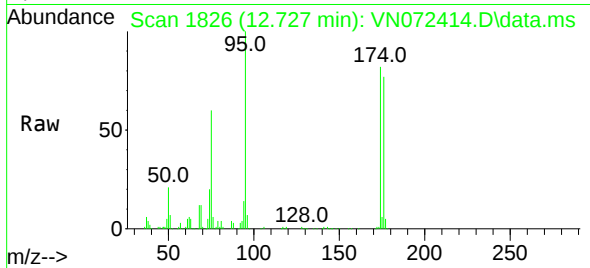




#62
4-Bromofluorobenzene
Concen: 61.622 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

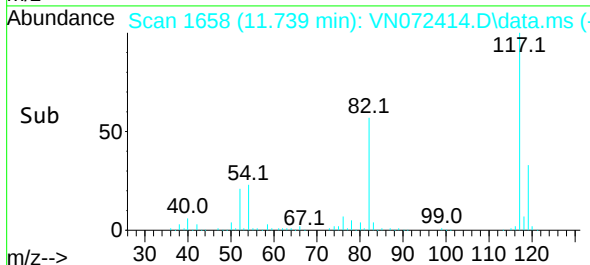
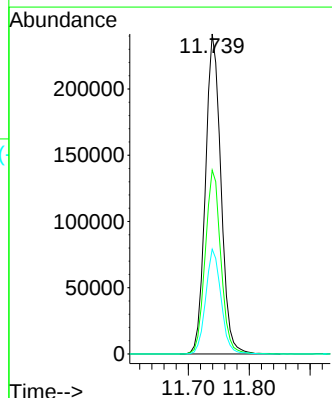
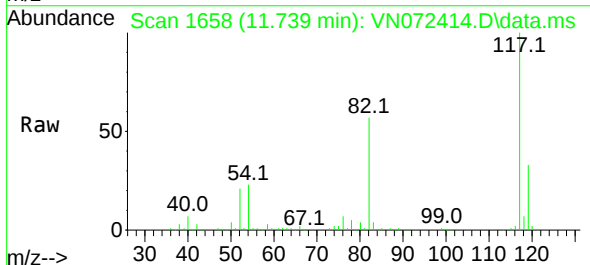
Instrument :
MSVOA_N
ClientSampleId :
MW-2-20220509

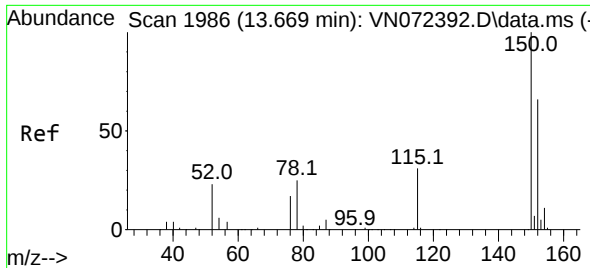
Tgt Ion: 95 Resp: 198227
Ion Ratio Lower Upper
95 100
174 79.6 0.0 167.6
176 74.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 117 Resp: 426023
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.8 25.4 38.0

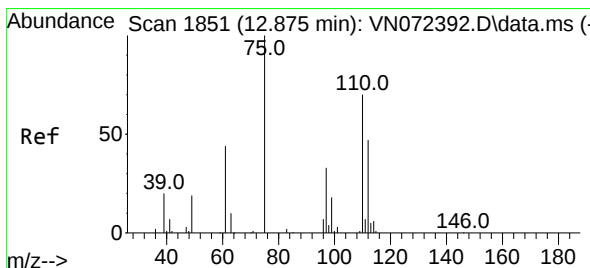
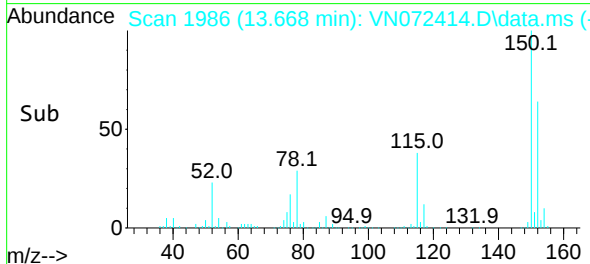
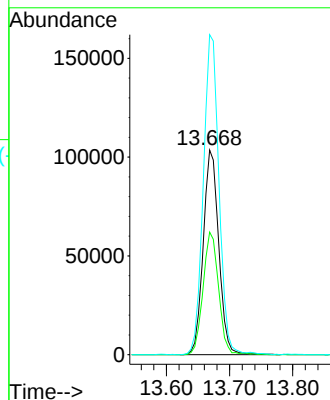
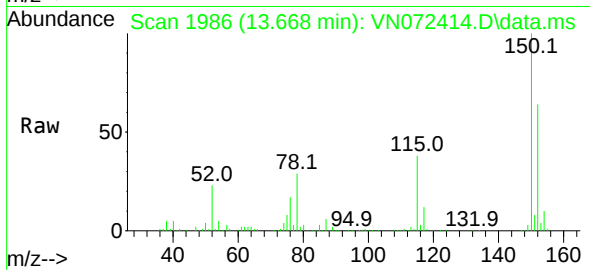




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072414.D
 Acq: 11 May 2022 14:03

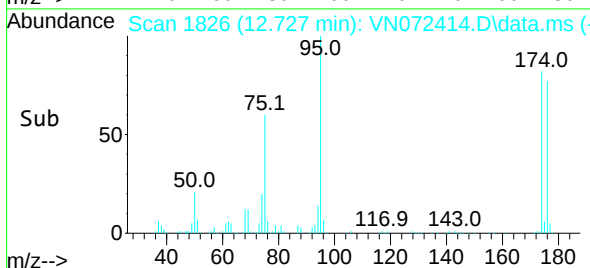
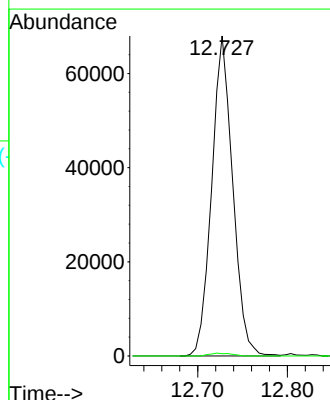
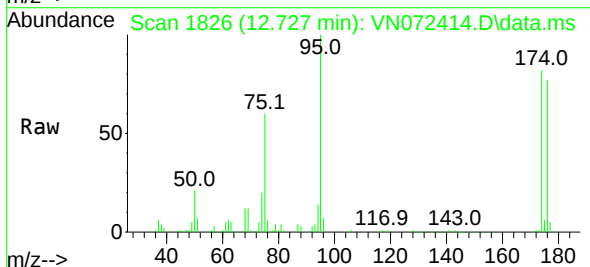
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-20220509

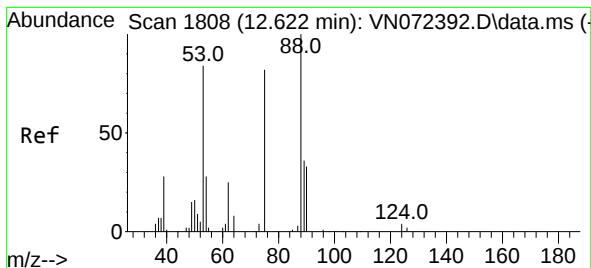
Tgt Ion:152 Resp: 177375
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.7
 150 157.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.919 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.148 min
 Lab File: VN072414.D
 Acq: 11 May 2022 14:03

Tgt Ion: 75 Resp: 110656
 Ion Ratio Lower Upper
 75 100
 77 0.9 98.5 295.5#

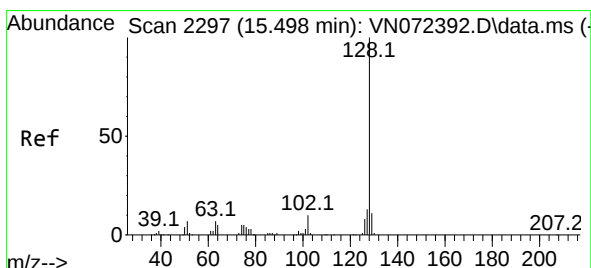
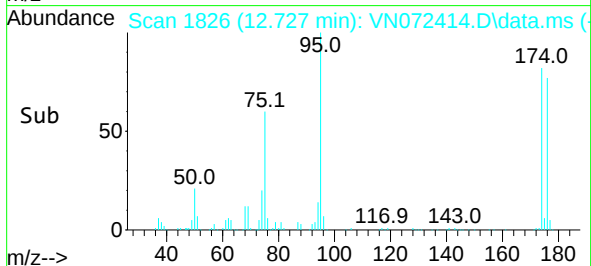
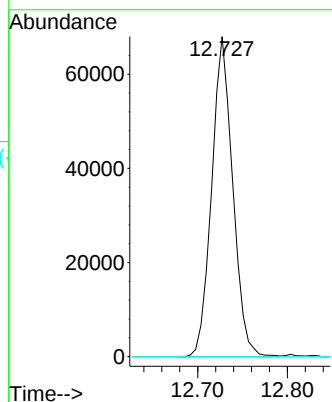
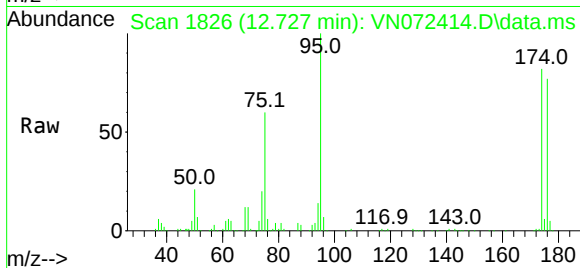




#81
trans-1,4-Dichloro-2-butene
Concen: 79.794 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Instrument :
MSVOA_N
ClientSampleId :
MW-2-20220509

Tgt Ion: 75 Resp: 110656
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.232 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN072414.D
Acq: 11 May 2022 14:03

Tgt Ion: 128 Resp: 505
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

