

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072953.D
 Acq On : 20 Jun 2022 11:50
 Operator : JC\MD
 Sample : N3357-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

Quant Time: Jun 21 05:54:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

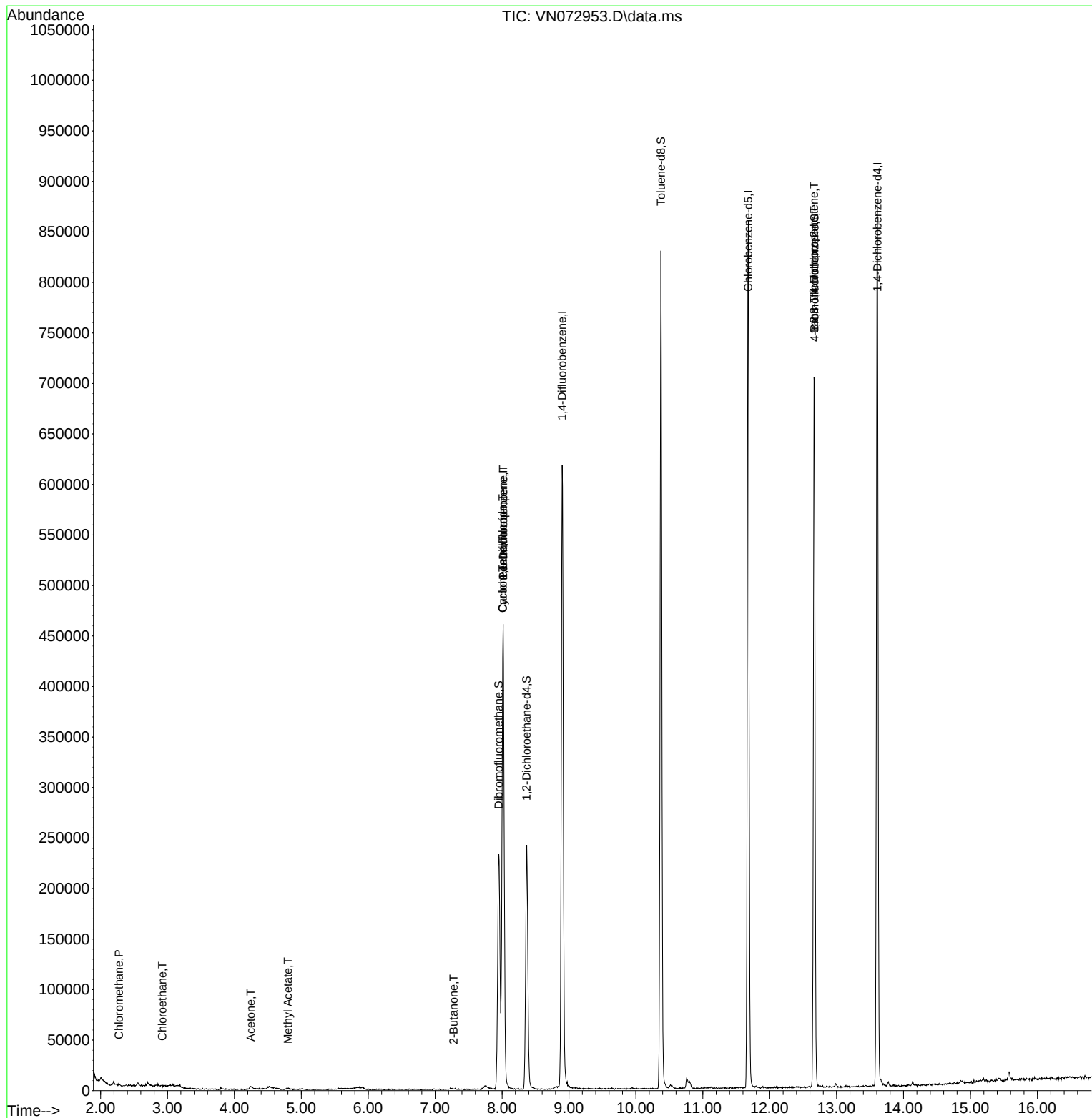
Internal Standards						
1) Pentafluorobenzene	8.016	168	353670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	558619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	505420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	248042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202438	42.337	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.680%		
35) Dibromofluoromethane	7.951	113	175191	50.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.480%		
50) Toluene-d8	10.375	98	570741	44.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.840%		
62) 4-Bromofluorobenzene	12.669	95	250623	54.249	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.500%		
Target Compounds						Qvalue
3) Chloromethane	2.275	50	679	0.755	ug/l #	43
6) Chloroethane	2.922	64	391	0.207	ug/l #	42
16) Acetone	4.246	43	6305	2.399	ug/l	94
18) Methyl Acetate	4.798	43	3340	0.477	ug/l #	74
20) Methylene Chloride	5.010	84	171	Below Cal	#	10
25) 2-Butanone	7.275	43	1128	0.270	ug/l #	45
31) Cyclohexane	8.010	56	7500	1.160	ug/l #	45
36) 1,1-Dichloropropene	8.016	75	28017	5.997	ug/l #	49
38) Carbon Tetrachloride	8.010	117	34477	7.016	ug/l #	15
76) 1,2,3-Trichloropropane	12.663	75	129513	21.536	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.663	75	129513	58.161	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.557	75	70	Below Cal	#	1

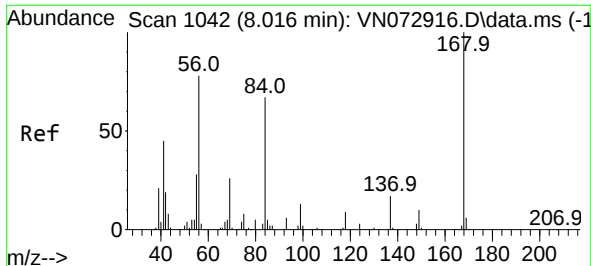
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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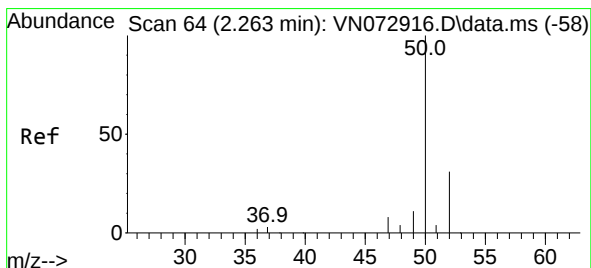
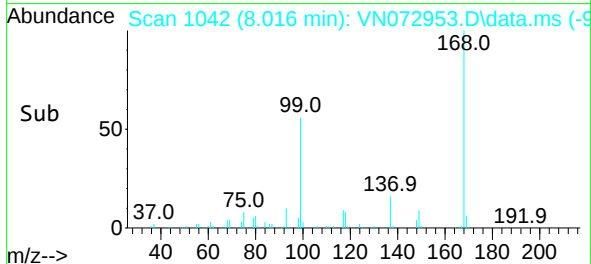
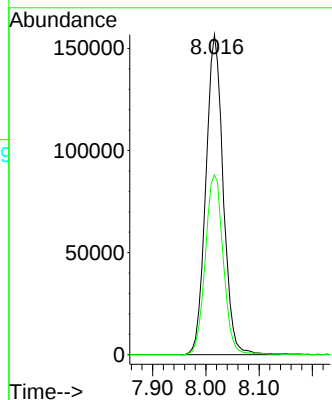
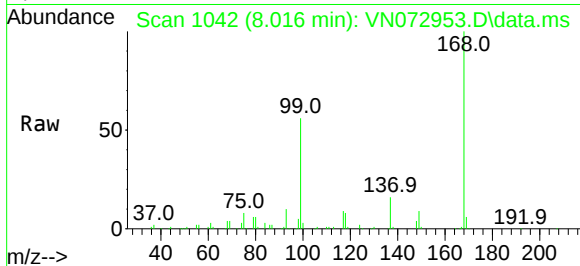




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

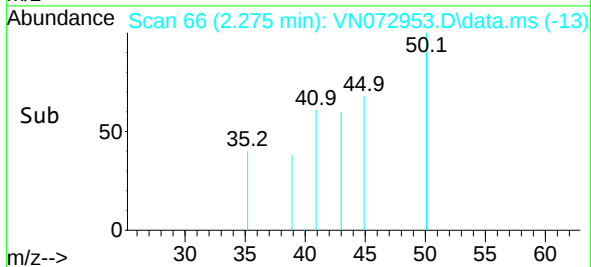
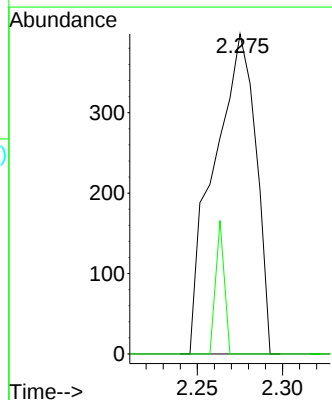
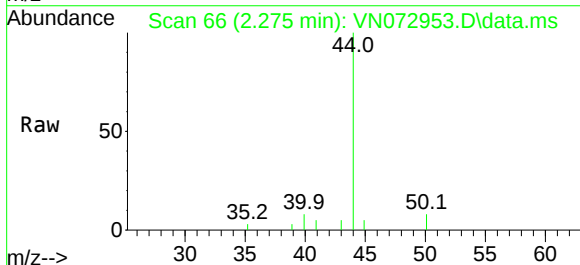
Instrument :
MSVOA_N
ClientSampleId :
MW-13

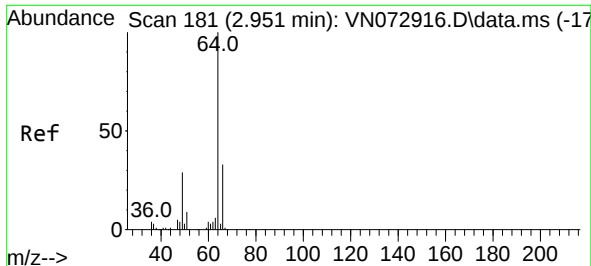
Tgt Ion:168 Resp: 353670
Ion Ratio Lower Upper
168 100
99 56.2 42.3 63.5



#3
Chloromethane
Concen: 0.755 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

Tgt Ion: 50 Resp: 679
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

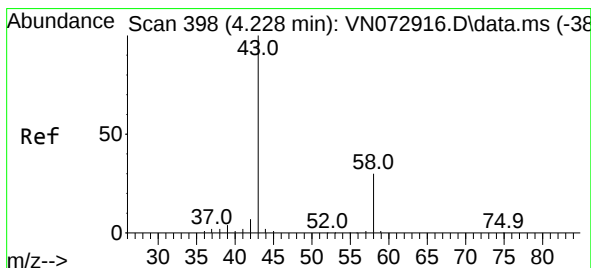
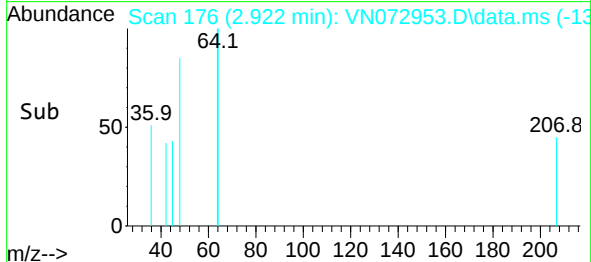
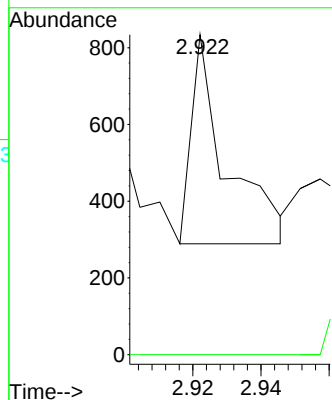
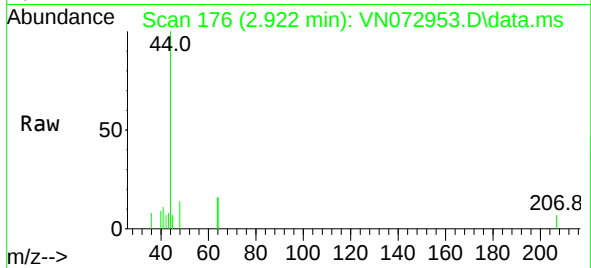




#6
Chloroethane
Concen: 0.207 ug/l
RT: 2.922 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

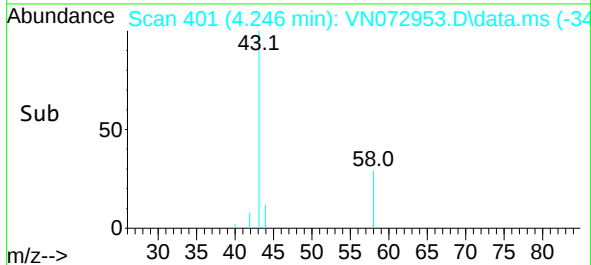
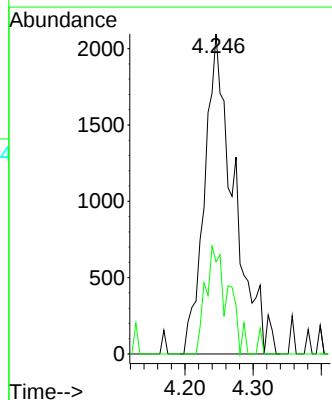
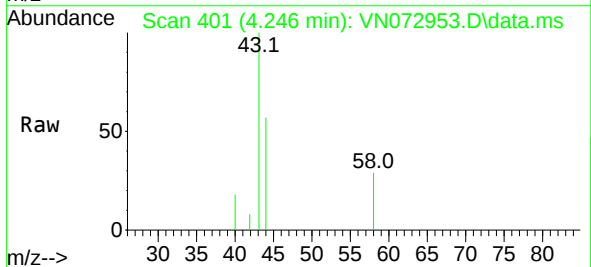
Instrument :
MSVOA_N
ClientSampleId :
MW-13

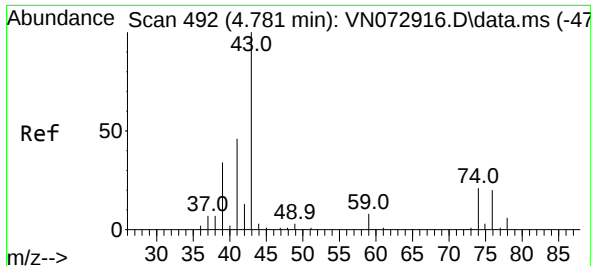
Tgt Ion: 64 Resp: 391
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.399 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

Tgt Ion: 43 Resp: 6305
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0

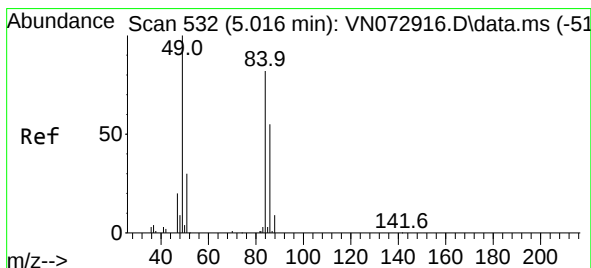
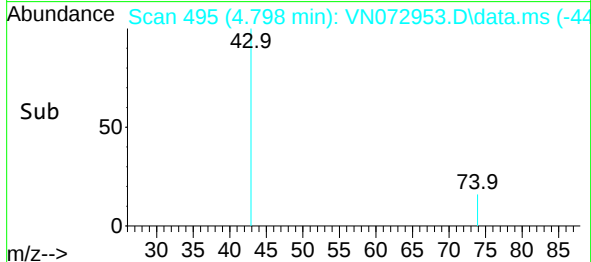
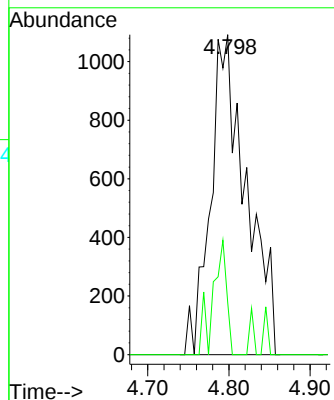
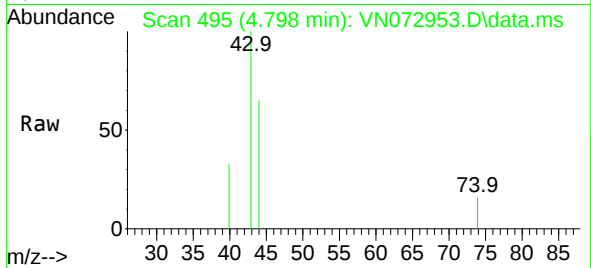




#18
Methyl Acetate
Concen: 0.477 ug/l
RT: 4.798 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

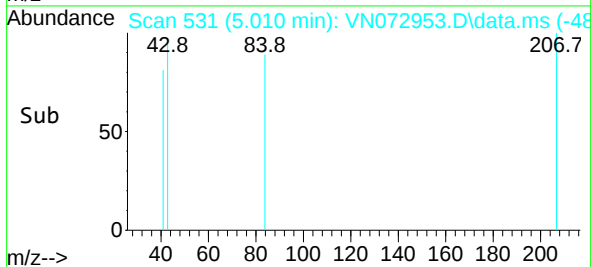
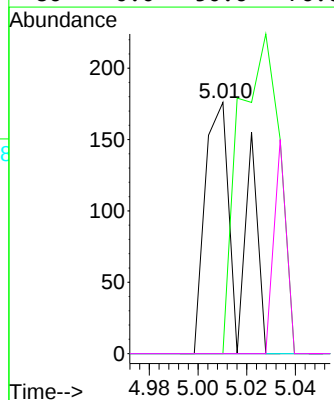
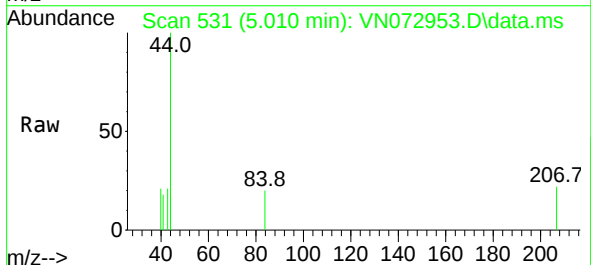
Instrument :
MSVOA_N
ClientSampleId :
MW-13

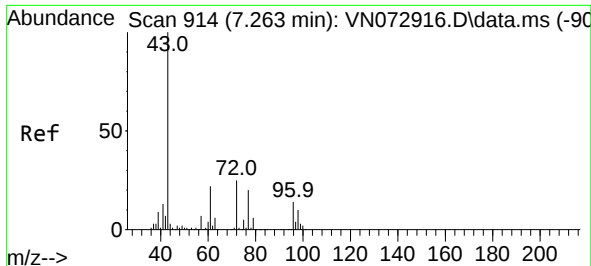
Tgt Ion: 43 Resp: 3340
Ion Ratio Lower Upper
43 100
74 13.7 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

Tgt Ion: 84 Resp: 171
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#

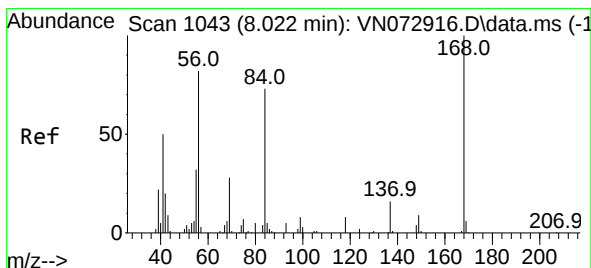
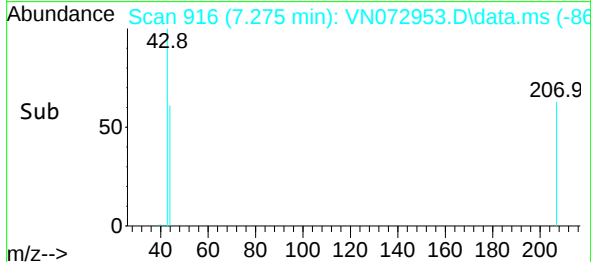
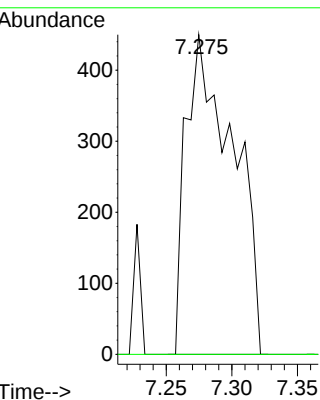
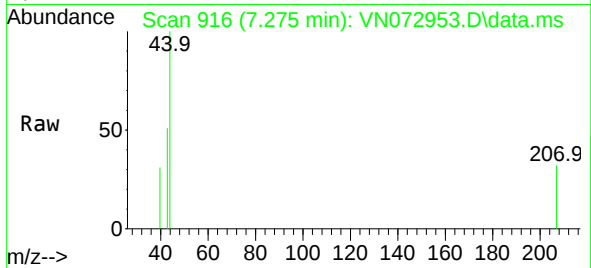




#25
2-Butanone
Concen: 0.270 ug/l
RT: 7.275 min Scan# 914
Delta R.T. 0.012 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

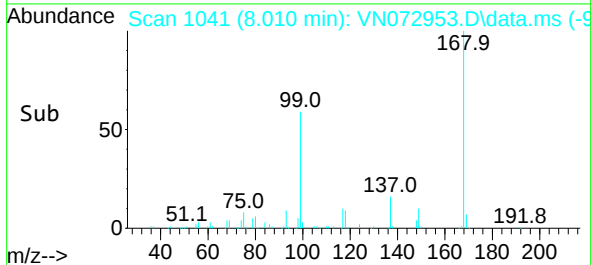
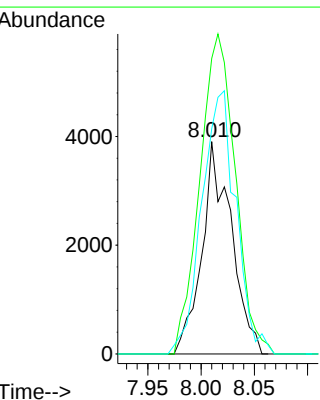
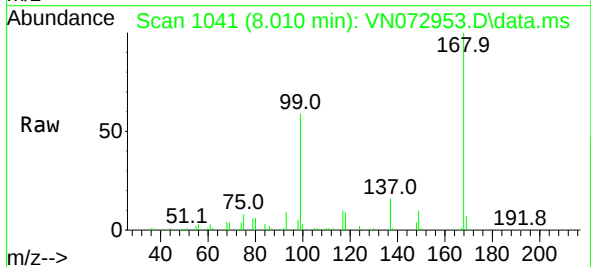
Instrument :
MSVOA_N
ClientSampleId :
MW-13

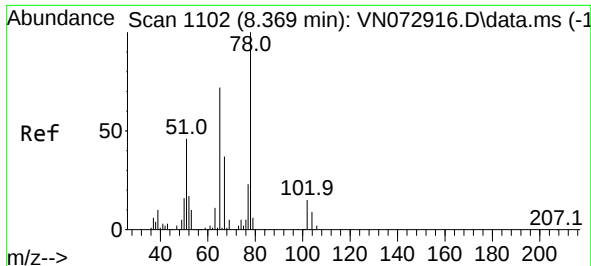
Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

Tgt Ion: 56 Resp: 7500
Ion Ratio Lower Upper
56 100
69 139.2 27.8 41.8#
84 106.0 76.9 115.3

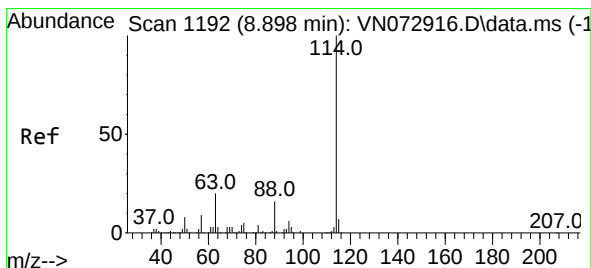
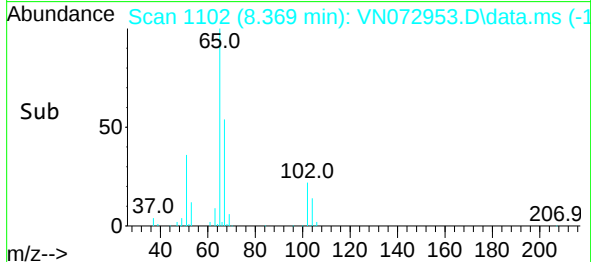
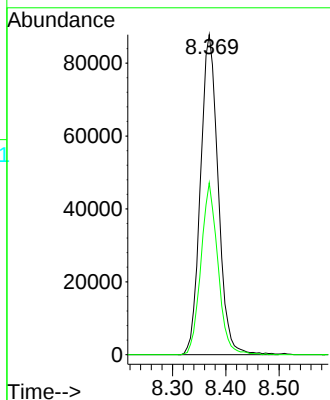
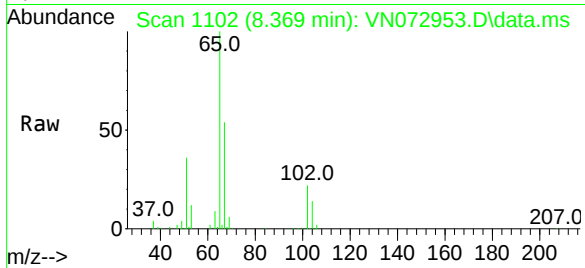




#33
 1,2-Dichloroethane-d4
 Concen: 42.337 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN072953.D
 Acq: 20 Jun 2022 11:50

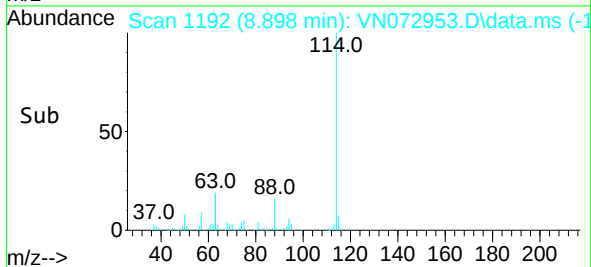
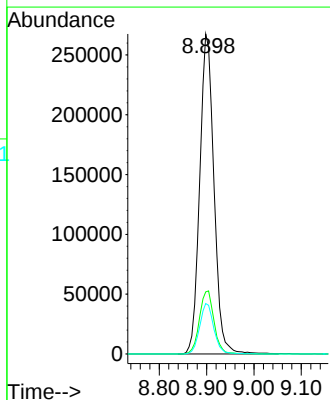
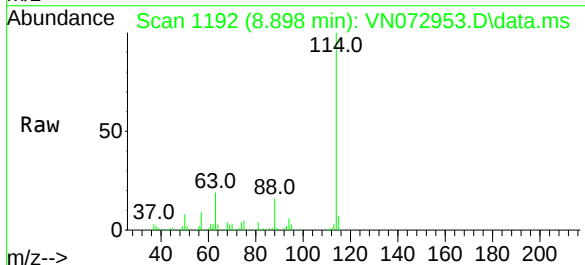
Instrument :
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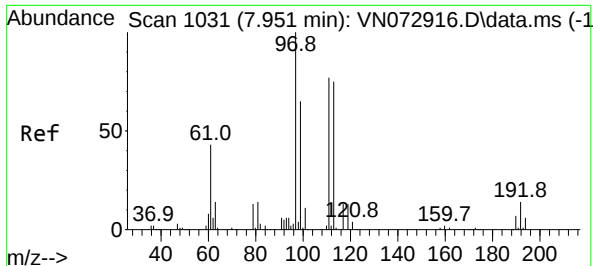
Tgt Ion: 65 Resp: 202438
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN072953.D
 Acq: 20 Jun 2022 11:50

Tgt Ion: 114 Resp: 558619
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.739 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VN072953.D

Acq: 20 Jun 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

MW-13

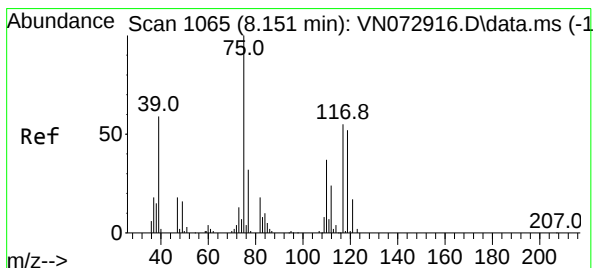
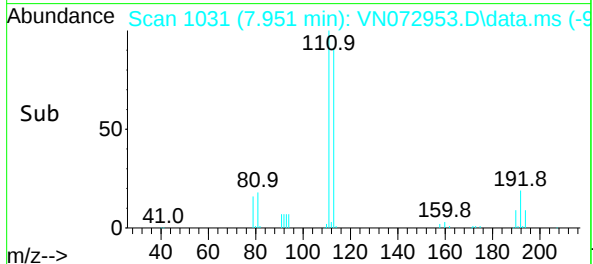
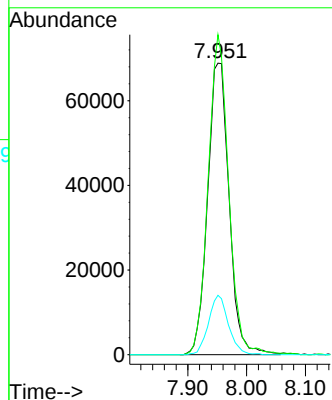
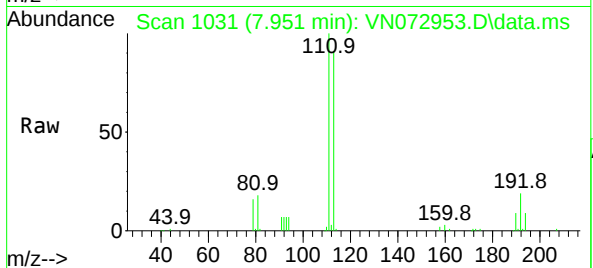
Tgt Ion:113 Resp: 175191

Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 18.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.997 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN072953.D

Acq: 20 Jun 2022 11:50

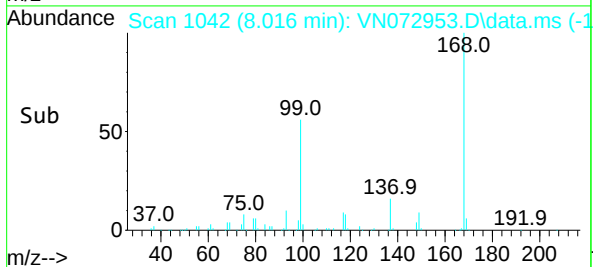
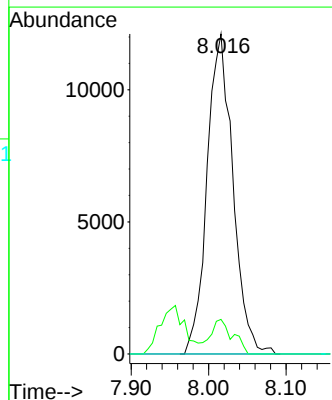
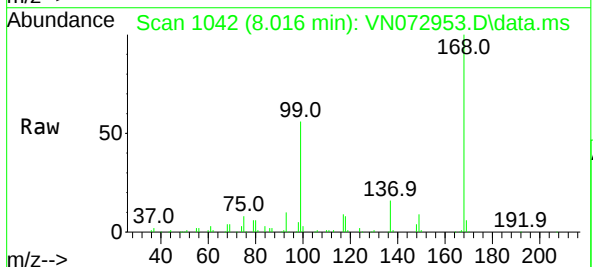
Tgt Ion: 75 Resp: 28017

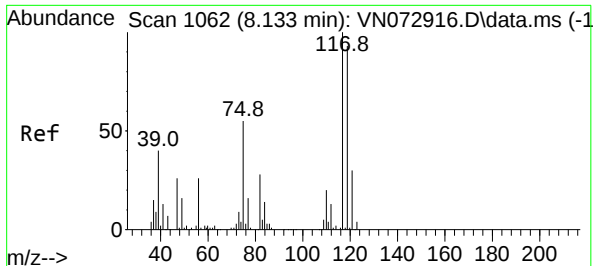
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#

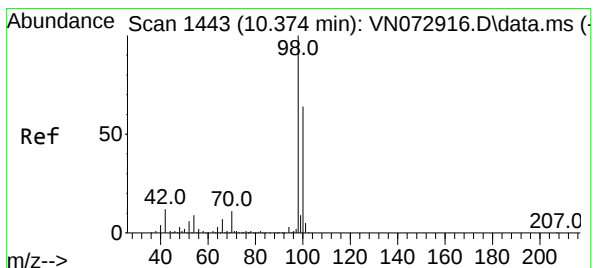
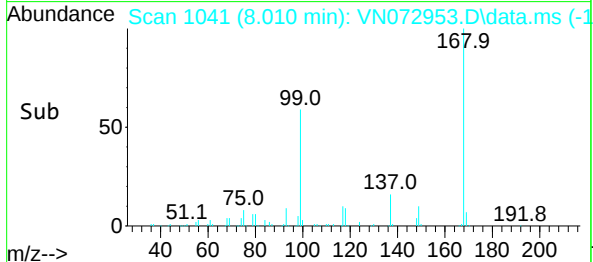
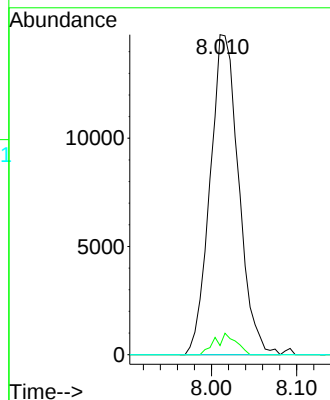
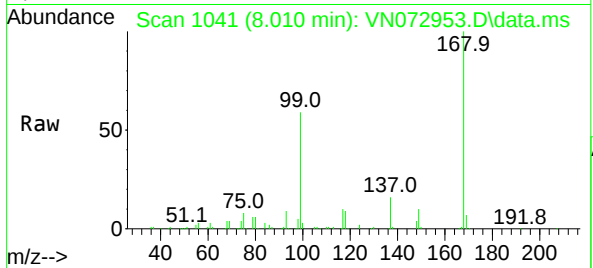




#38
Carbon Tetrachloride
Concen: 7.016 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.123 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

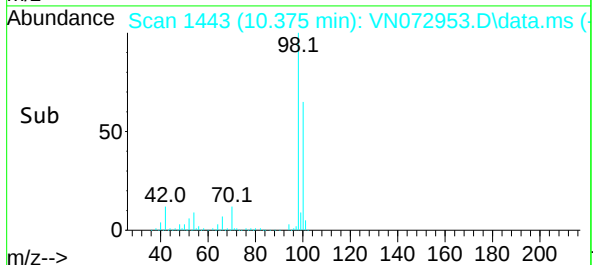
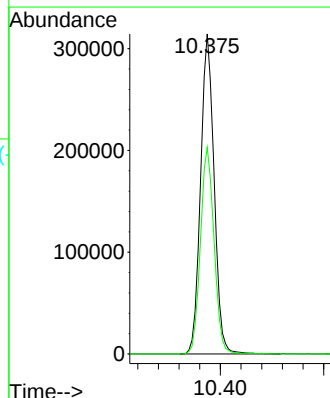
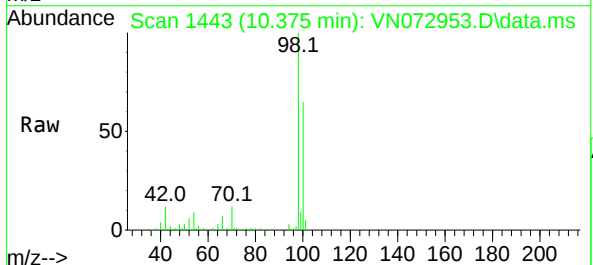
Instrument :
MSVOA_N
ClientSampleId :
MW-13

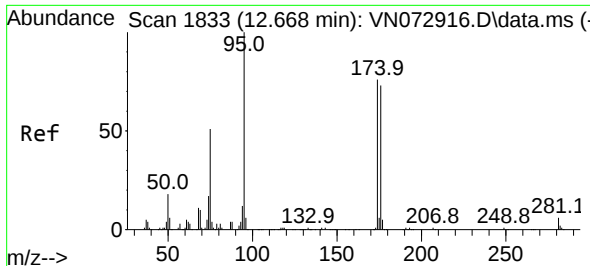
Tgt Ion:117 Resp: 34477
Ion Ratio Lower Upper
117 100
119 2.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.423 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

Tgt Ion: 98 Resp: 570741
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

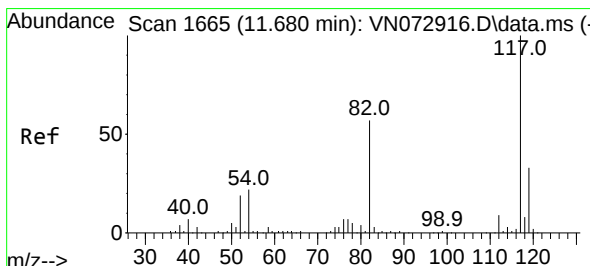
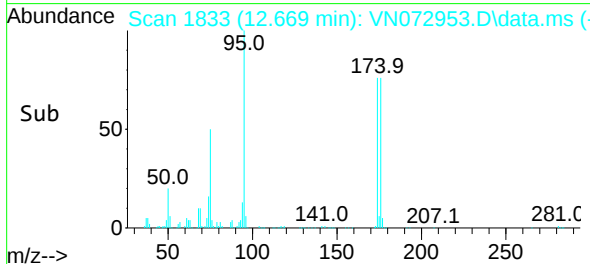
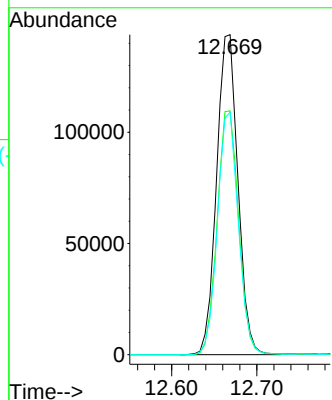
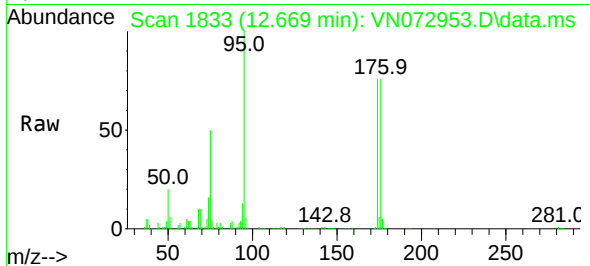




#62
4-Bromofluorobenzene
Concen: 54.249 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

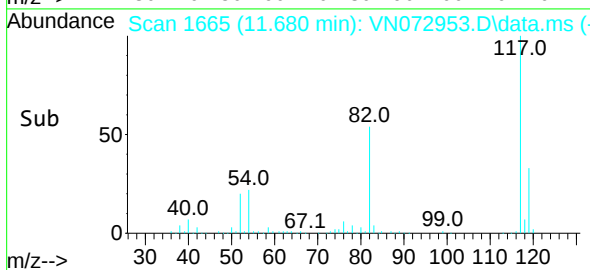
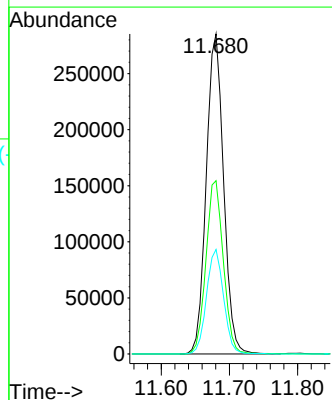
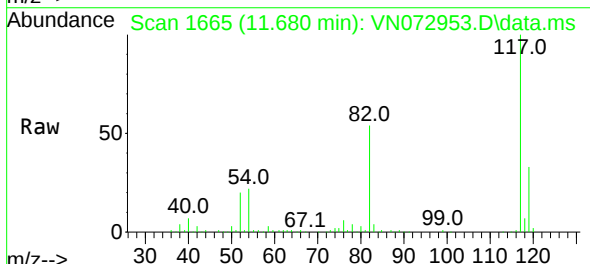
Instrument :
MSVOA_N
ClientSampleId :
MW-13

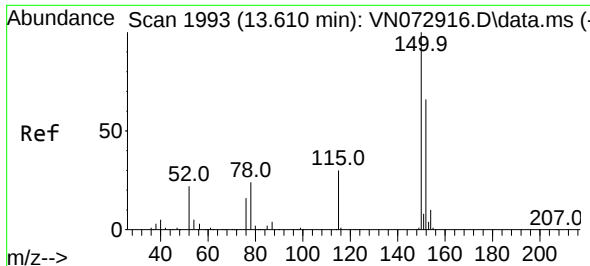
Tgt Ion: 95 Resp: 250623
Ion Ratio Lower Upper
95 100
174 76.6 0.0 167.6
176 74.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072953.D
Acq: 20 Jun 2022 11:50

Tgt Ion: 117 Resp: 505420
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.7 25.4 38.0

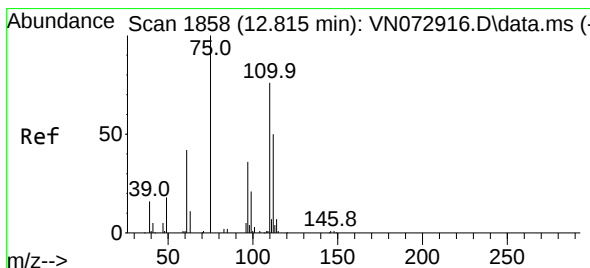
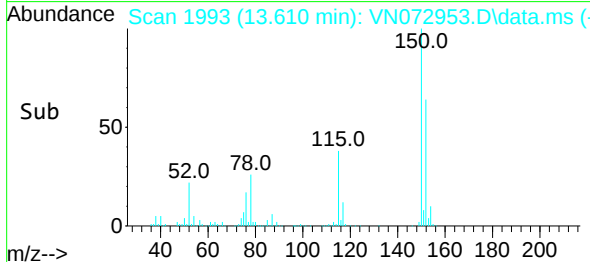
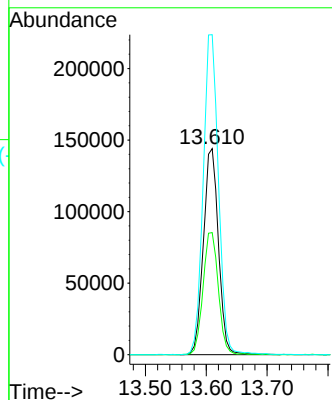
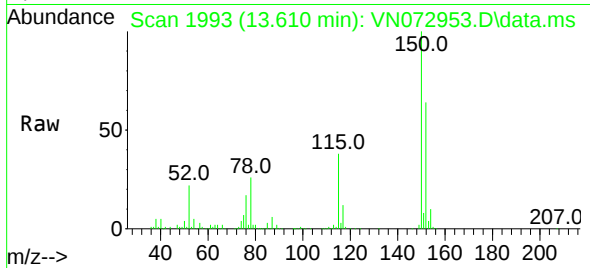




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072953.D
 Acq: 20 Jun 2022 11:50

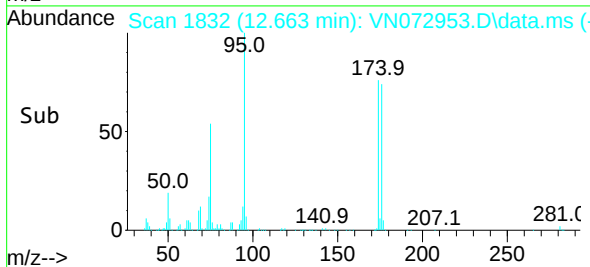
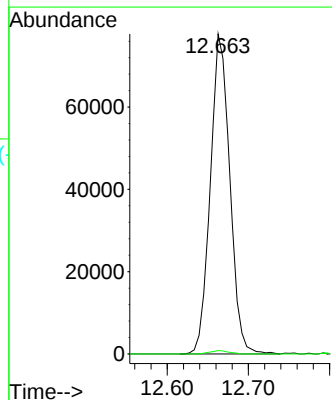
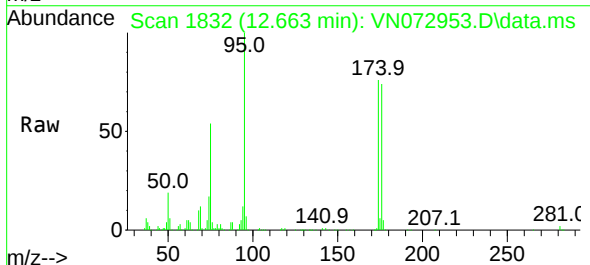
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

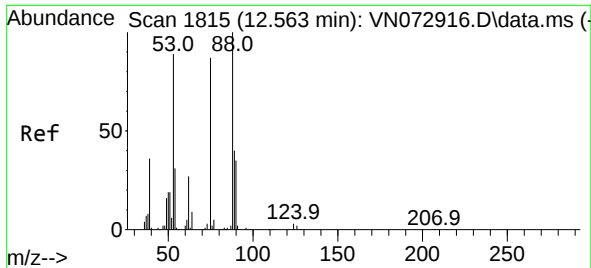
Tgt Ion:152 Resp: 248042
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.9 86.7
 150 157.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.536 ug/l
 RT: 12.663 min Scan# 1832
 Delta R.T. -0.153 min
 Lab File: VN072953.D
 Acq: 20 Jun 2022 11:50

Tgt Ion: 75 Resp: 129513
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.161 ug/l
 RT: 12.663 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VN072953.D
 Acq: 20 Jun 2022 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

Tgt Ion: 75 Resp: 129513
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#

