

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077217.D
 Acq On : 27 Mar 2023 21:53
 Operator : JC\MD
 Sample : 02081-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-TCLP-A-032223

Quant Time: Mar 28 07:45:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

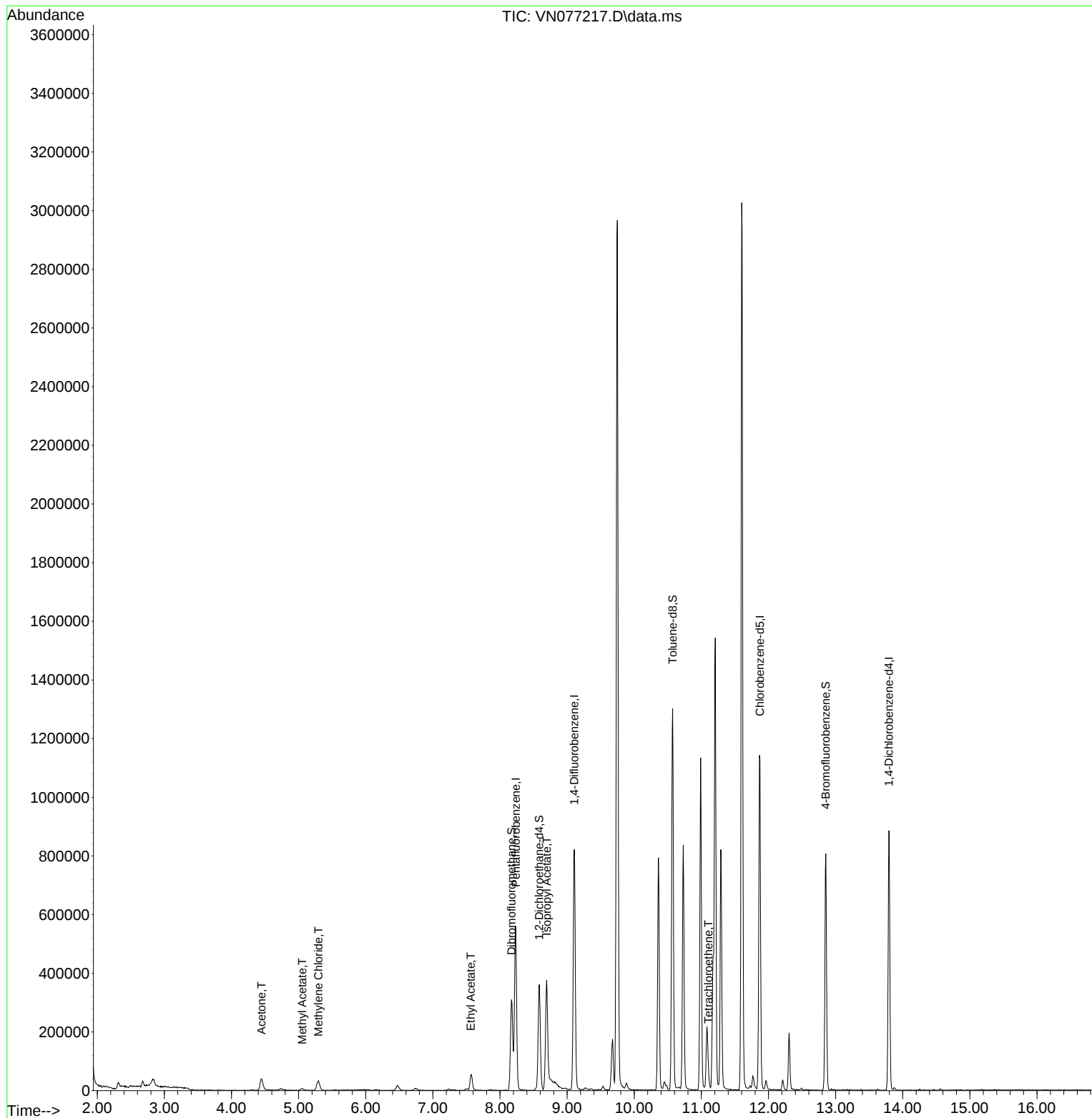
Internal Standards						
1) Pentafluorobenzene	8.236	168	394155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	695043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	628881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	225843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	289574	46.987	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.980%
35) Dibromofluoromethane	8.172	113	218977	46.431	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	10.572	98	872506	49.373	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.854	95	263012	45.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.700%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	76147	33.231	ug/l	94
18) Methyl Acetate	5.054	43	13994	1.526	ug/l #	80
20) Methylene Chloride	5.295	84	24187	4.740	ug/l #	70
37) Ethyl Acetate	7.566	43	83766	11.449	ug/l #	91
43) Isopropyl Acetate	8.695	43	478999	40.581	ug/l #	72
64) Tetrachloroethene	11.107	164	6998	1.794	ug/l #	77

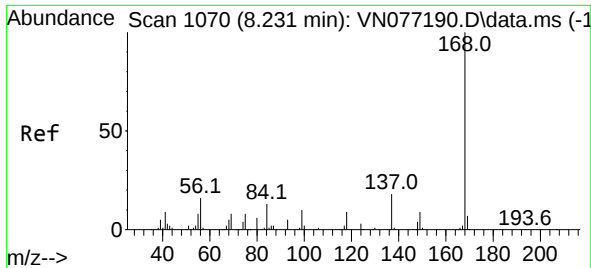
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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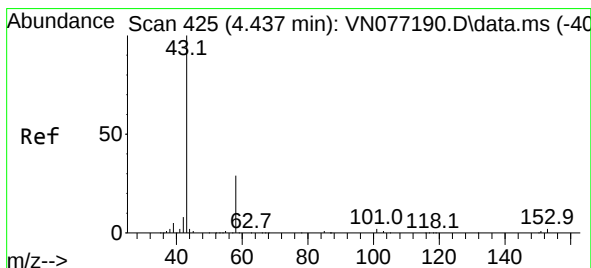
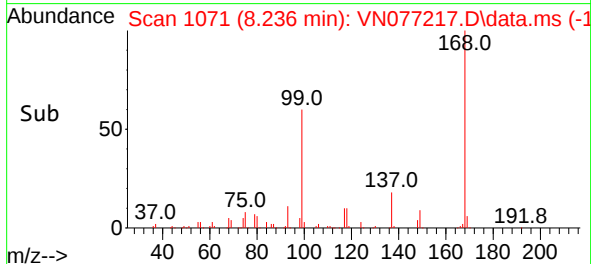
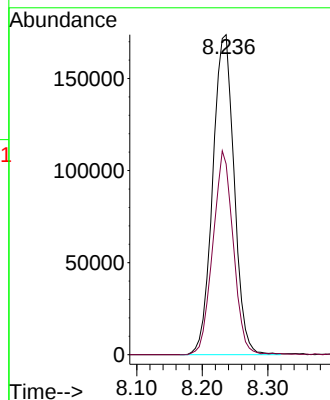
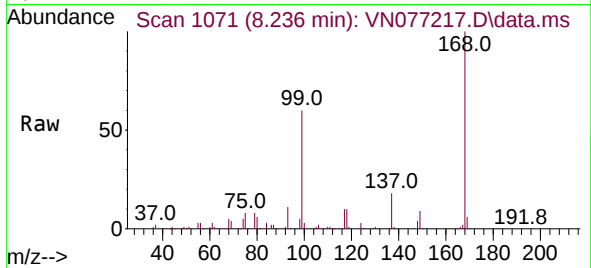




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

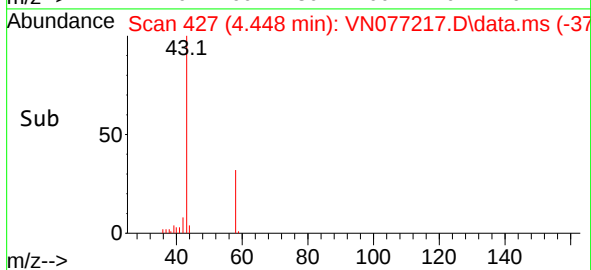
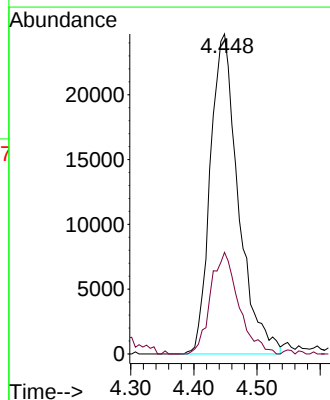
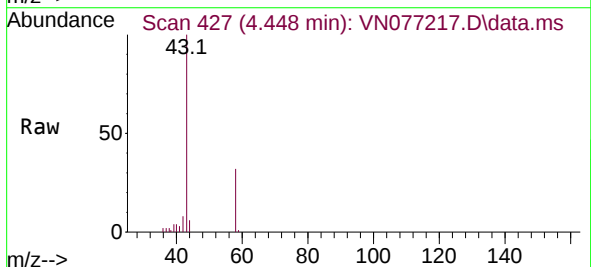
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-A-032223

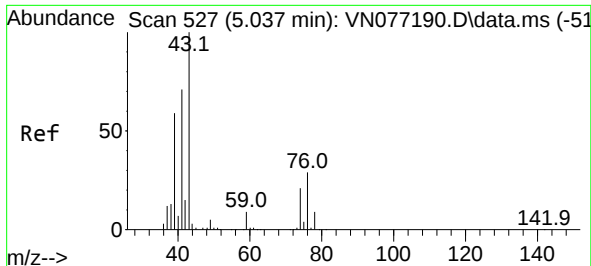
Tgt Ion:168 Resp: 394155
Ion Ratio Lower Upper
168 100
99 59.6 48.6 73.0



#16
Acetone
Concen: 33.231 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

Tgt Ion: 43 Resp: 76147
Ion Ratio Lower Upper
43 100
58 31.8 28.2 42.2





#18

Methyl Acetate

Concen: 1.526 ug/l

RT: 5.054 min Scan# 51

Delta R.T. 0.017 min

Lab File: VN077217.D

Acq: 27 Mar 2023 21:53

Instrument :

MSVOA_N

ClientSampleId :

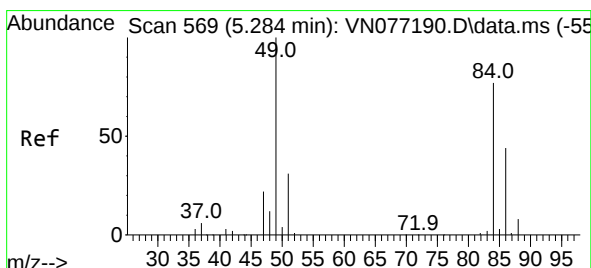
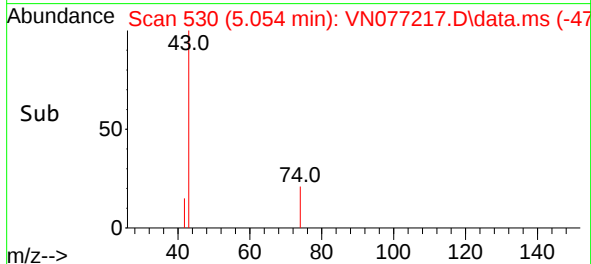
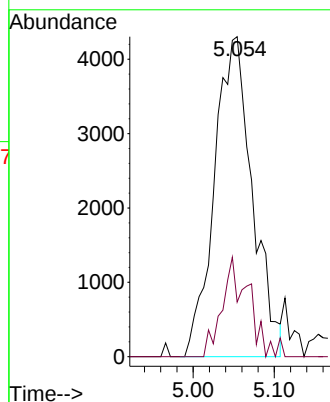
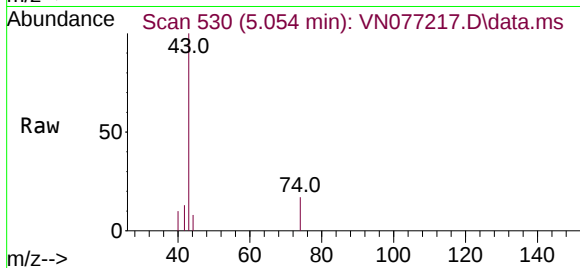
152140-TCLP-A-032223

Tgt Ion: 43 Resp: 13994

Ion Ratio Lower Upper

43 100

74 21.4 25.9 38.9#



#20

Methylene Chloride

Concen: 4.740 ug/l

RT: 5.295 min Scan# 571

Delta R.T. 0.011 min

Lab File: VN077217.D

Acq: 27 Mar 2023 21:53

Tgt Ion: 84 Resp: 24187

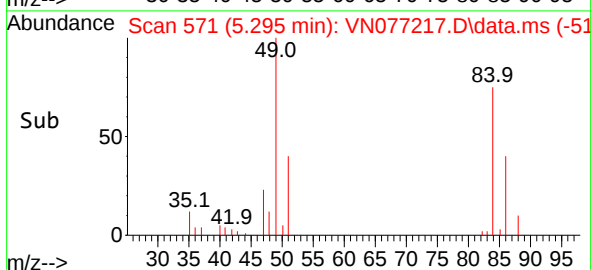
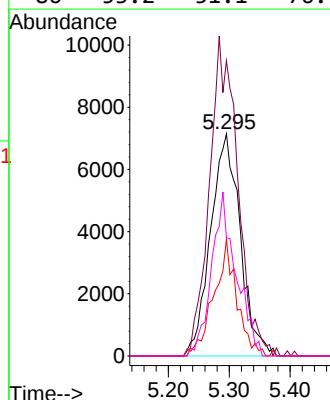
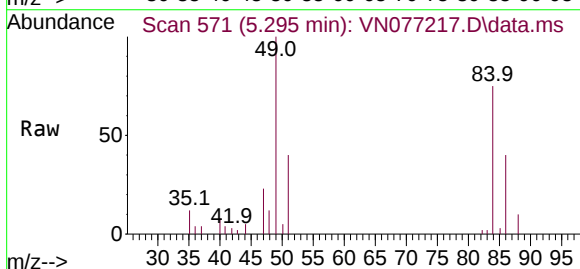
Ion Ratio Lower Upper

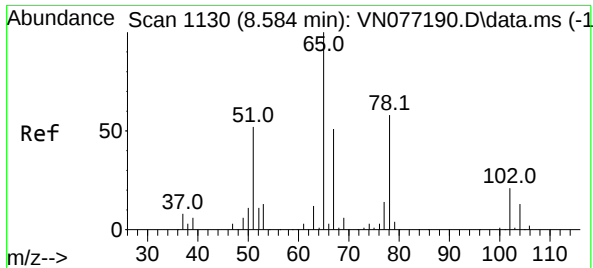
84 100

49 132.9 76.6 114.8#

51 52.6 25.4 38.2#

86 53.2 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 46.987 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077217.D

Acq: 27 Mar 2023 21:53

Instrument :

MSVOA_N

ClientSampleId :

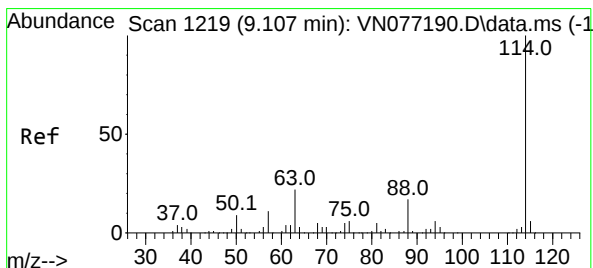
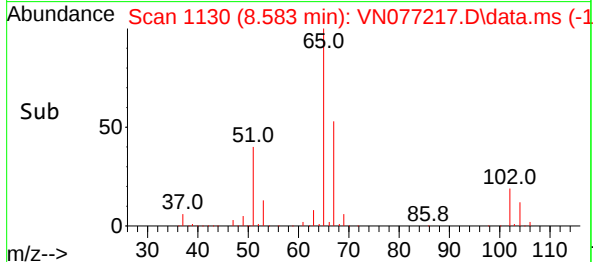
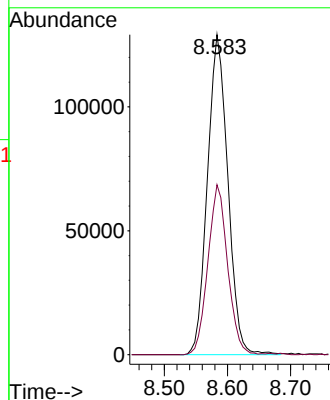
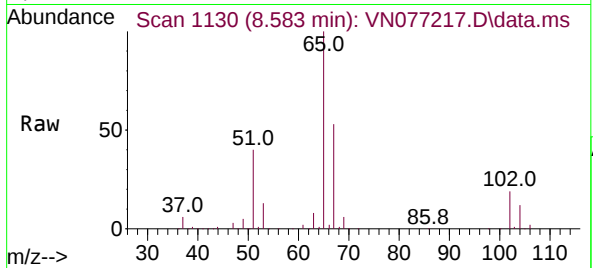
152140-TCLP-A-032223

Tgt Ion: 65 Resp: 289574

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077217.D

Acq: 27 Mar 2023 21:53

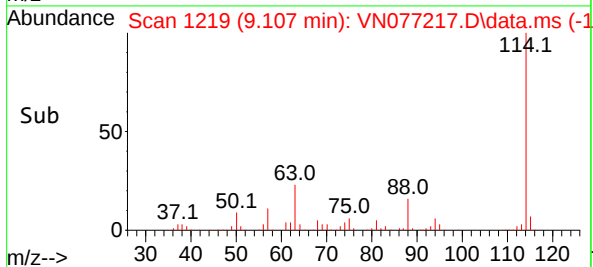
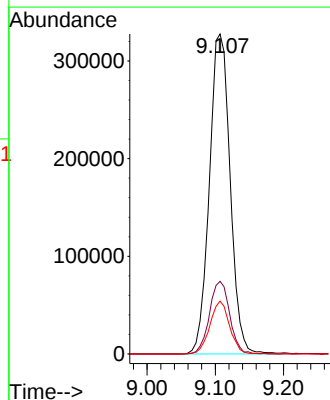
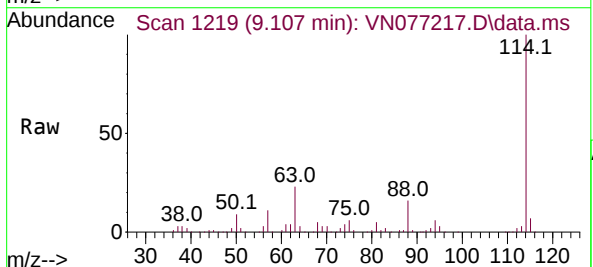
Tgt Ion: 114 Resp: 695043

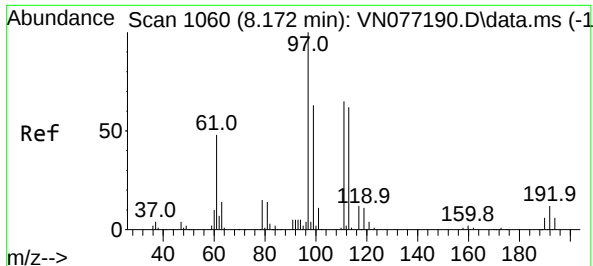
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.6

88 16.5 0.0 28.6

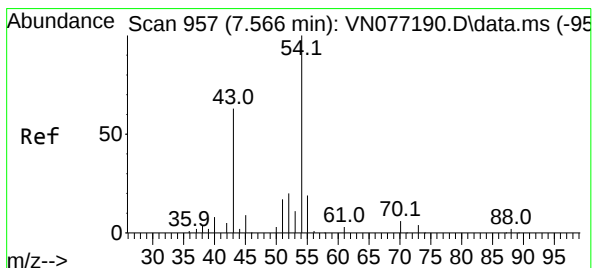
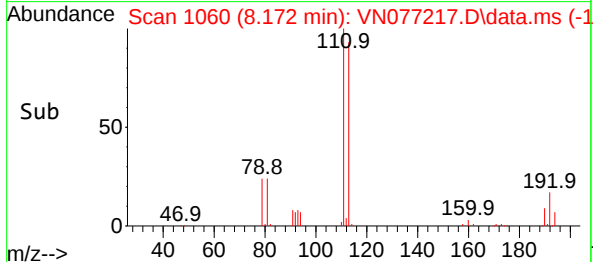
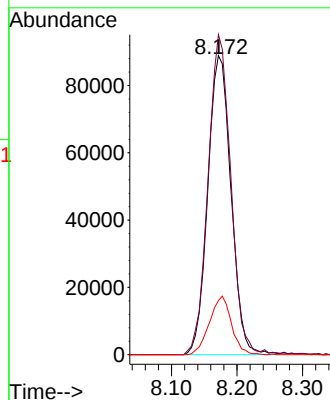
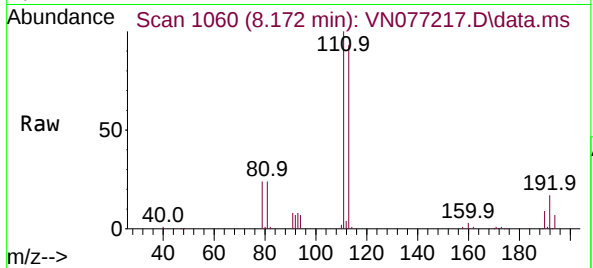




#35
Dibromofluoromethane
Concen: 46.431 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

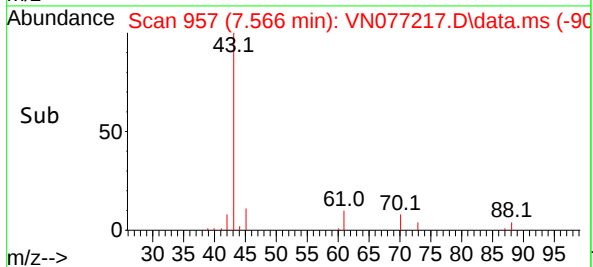
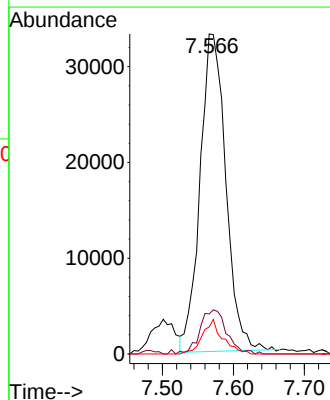
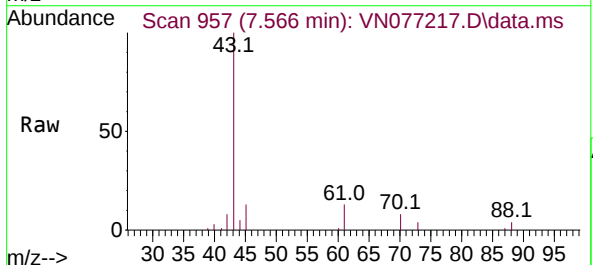
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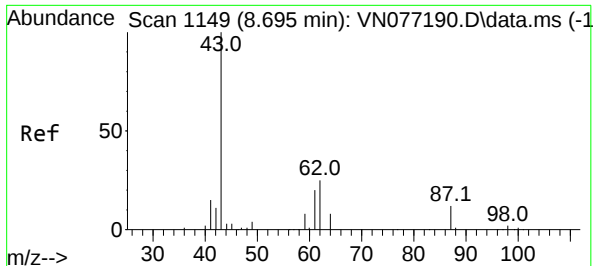
Tgt Ion:113 Resp: 218977
Ion Ratio Lower Upper
113 100
111 105.3 81.8 122.8
192 18.5 13.9 20.9



#37
Ethyl Acetate
Concen: 11.449 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

Tgt Ion: 43 Resp: 83766
Ion Ratio Lower Upper
43 100
61 14.4 13.5 20.3
70 8.5 11.0 16.6#

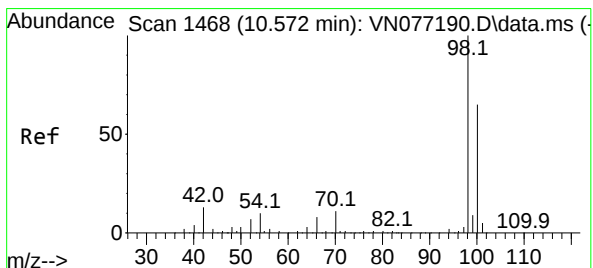
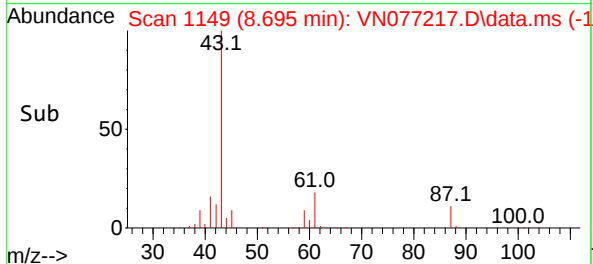
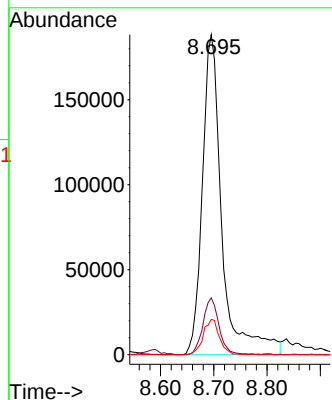
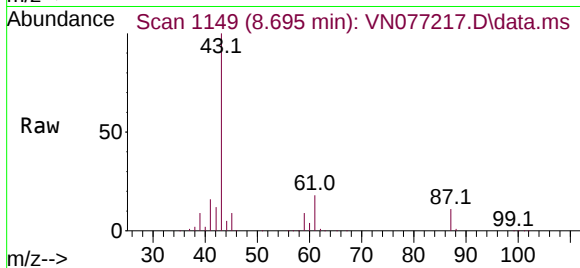




#43
Isopropyl Acetate
Concen: 40.581 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

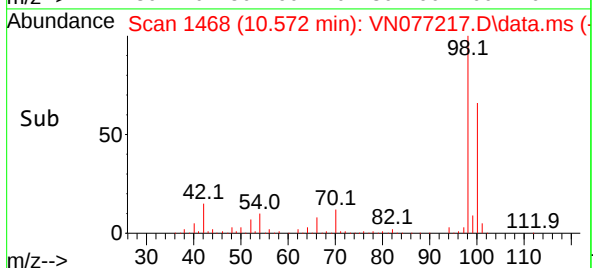
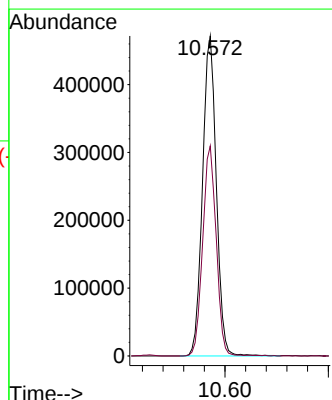
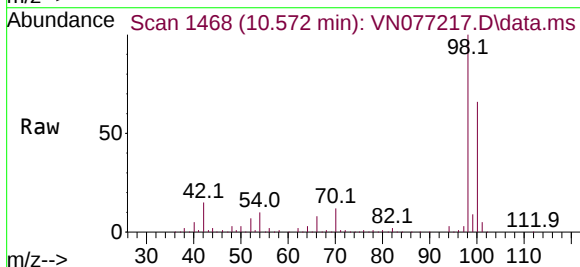
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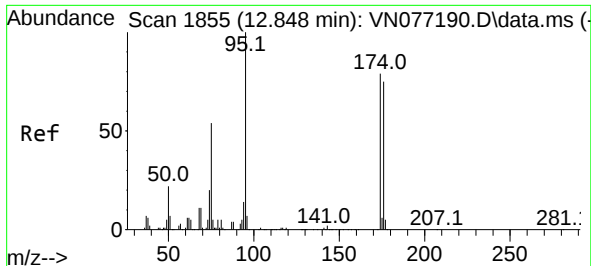
Tgt Ion: 43 Resp: 478999
Ion Ratio Lower Upper
43 100
61 14.6 26.2 39.2#
87 9.1 14.8 22.2#



#50
Toluene-d8
Concen: 49.373 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

Tgt Ion: 98 Resp: 872506
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2

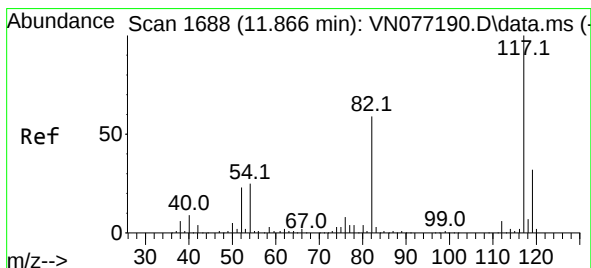
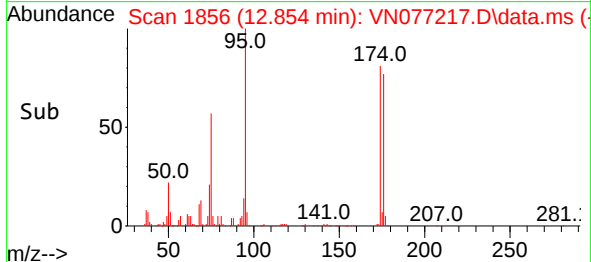
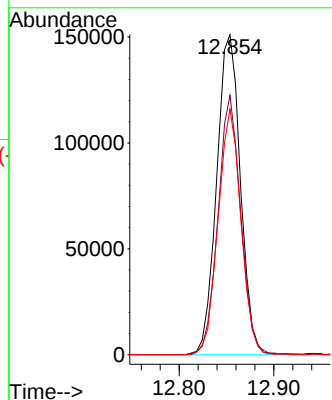
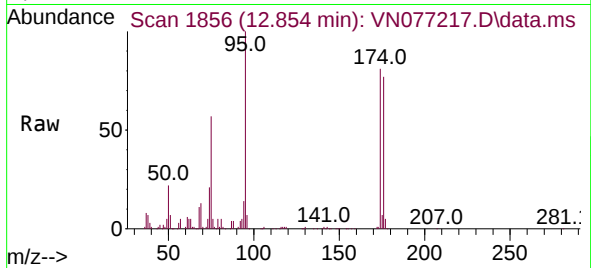




#62
4-Bromofluorobenzene
Concen: 45.349 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

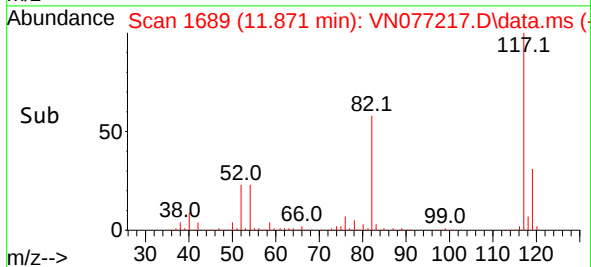
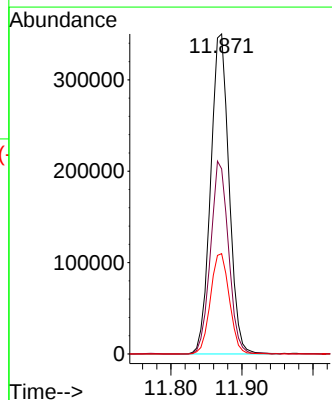
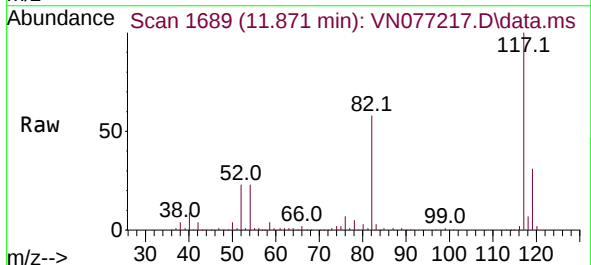
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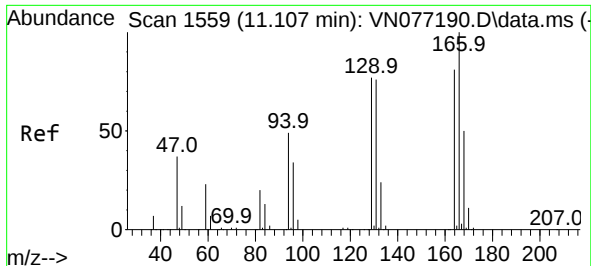
Tgt Ion: 95 Resp: 263012
Ion Ratio Lower Upper
95 100
174 77.5 0.0 162.4
176 73.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

Tgt Ion: 117 Resp: 628881
Ion Ratio Lower Upper
117 100
82 57.8 43.5 65.3
119 31.4 25.5 38.3

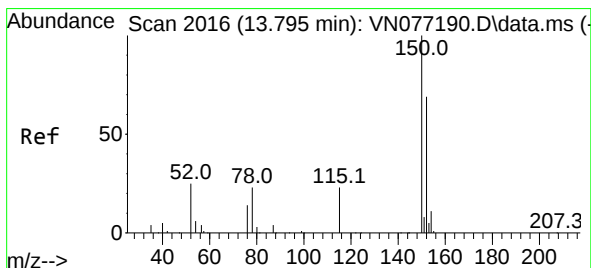
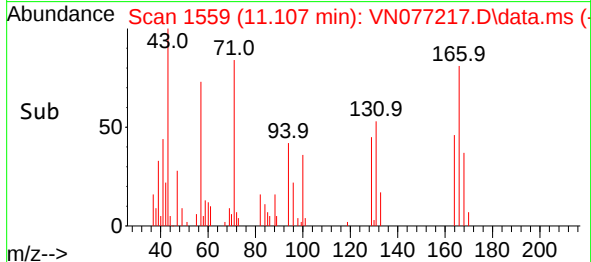
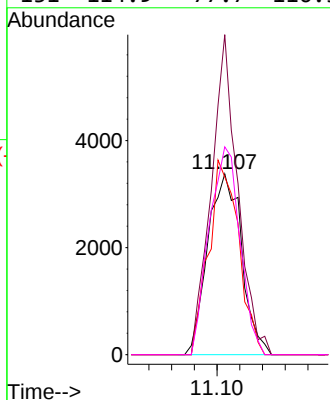
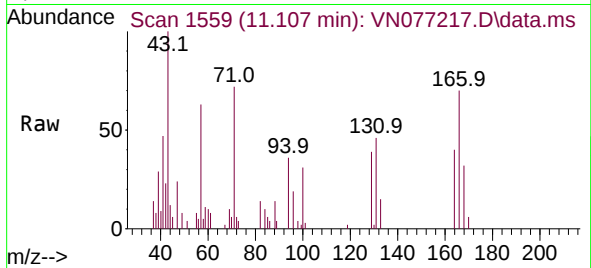




#64
Tetrachloroethene
Concen: 1.794 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-A-032223

Tgt Ion:164 Resp: 6998
Ion Ratio Lower Upper
164 100
166 176.9 102.7 154.1#
129 98.3 81.5 122.3
131 114.9 77.7 116.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077217.D
Acq: 27 Mar 2023 21:53

Tgt Ion:152 Resp: 225843
Ion Ratio Lower Upper
152 100
115 61.5 30.3 90.9
150 159.1 0.0 353.6

