

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077224.D
 Acq On : 28 Mar 2023 00:42
 Operator : JC\MD
 Sample : 02081-07 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-TCLP-Z-032323

Quant Time: Mar 28 07:49:16 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)

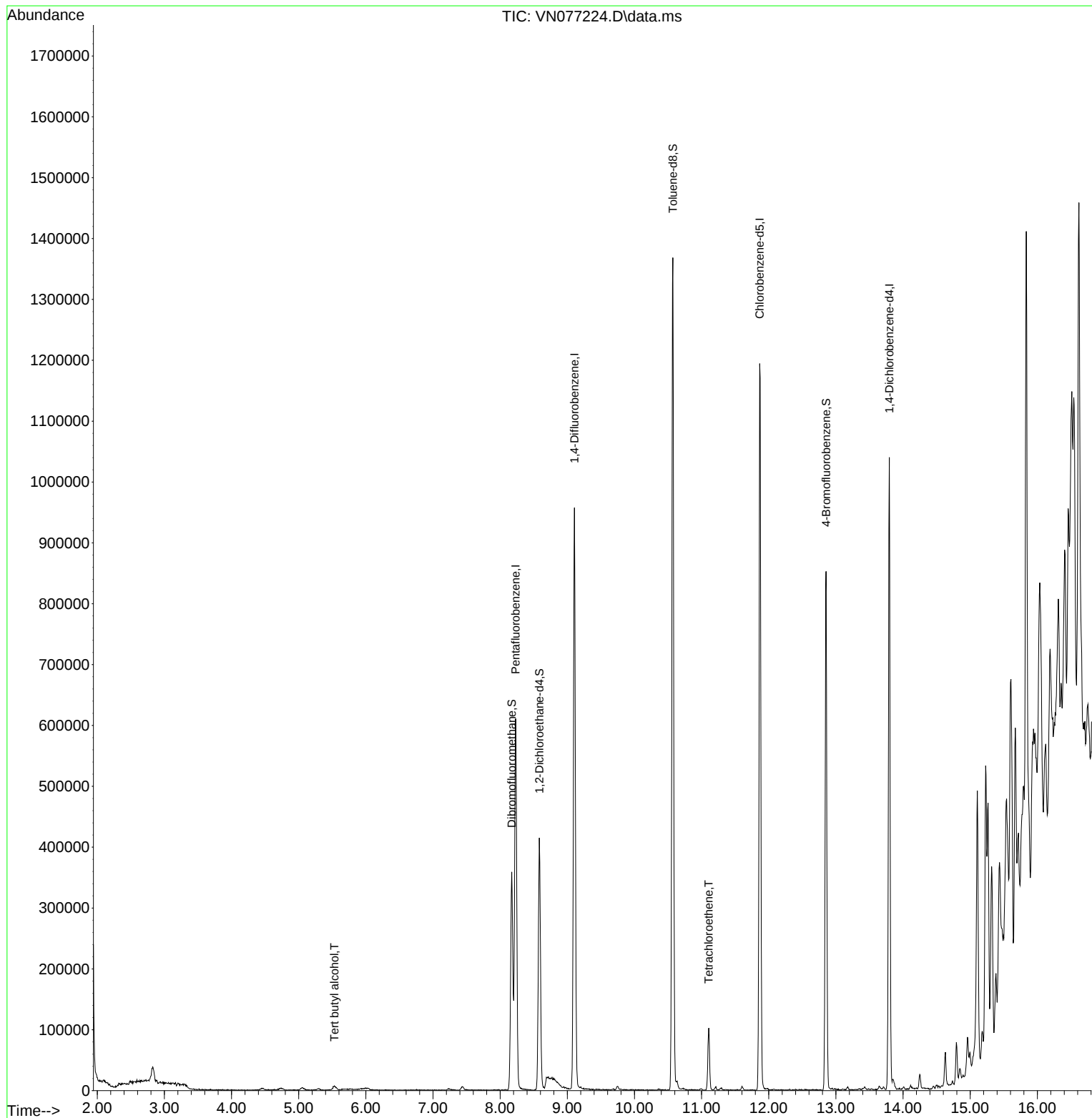
Internal Standards						
1) Pentafluorobenzene	8.231	168	425901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	774879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	652375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	262570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	330010	49.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.120%
35) Dibromofluoromethane	8.172	113	242990	46.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	10.572	98	917807	46.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.854	95	272813	42.192	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.531	59	10047	11.070	ug/l #	85
64) Tetrachloroethene	11.107	164	22275	5.504	ug/l	93

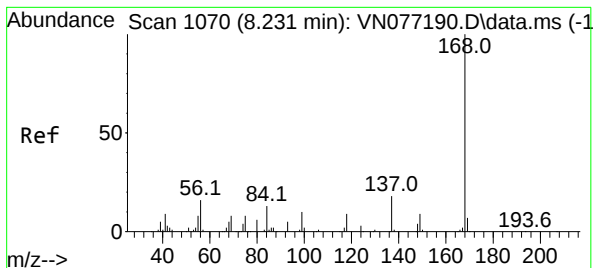
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
Data File : VN077224.D
Acq On : 28 Mar 2023 00:42
Operator : JC\MD
Sample : 02081-07 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-Z-032323

Quant Time: Mar 28 07:49:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077224.D

Acq: 28 Mar 2023 00:42

Instrument :

MSVOA_N

ClientSampleId :

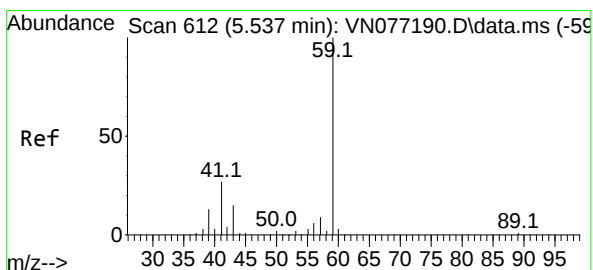
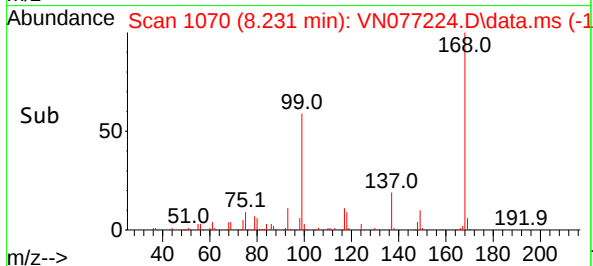
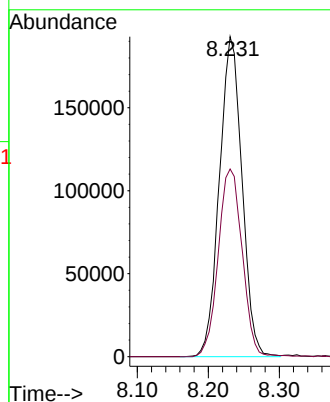
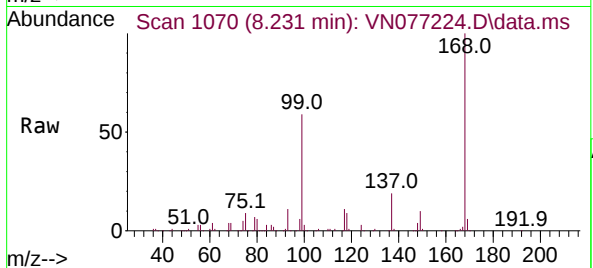
152140-TCLP-Z-032323

Tgt Ion:168 Resp: 425901

Ion Ratio Lower Upper

168 100

99 58.7 48.6 73.0



#11

Tert butyl alcohol

Concen: 11.070 ug/l

RT: 5.531 min Scan# 611

Delta R.T. -0.006 min

Lab File: VN077224.D

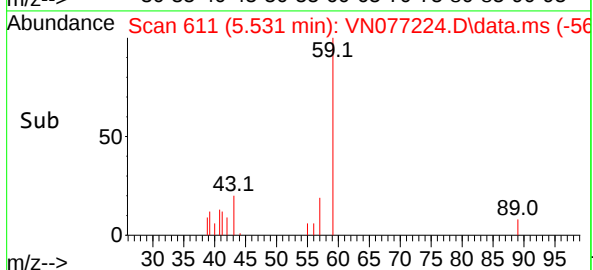
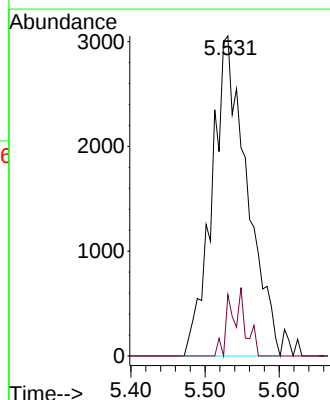
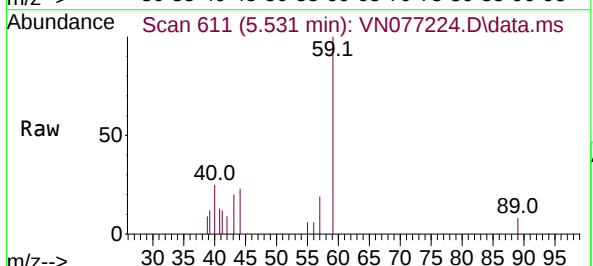
Acq: 28 Mar 2023 00:42

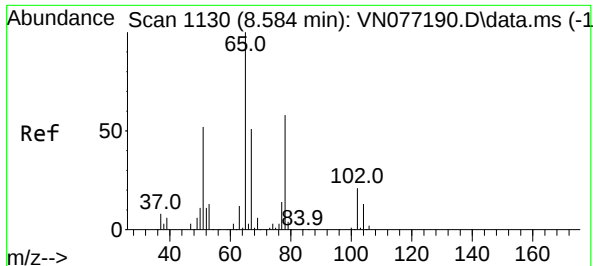
Tgt Ion: 59 Resp: 10047

Ion Ratio Lower Upper

59 100

57 4.9 8.6 12.8#





#33

1,2-Dichloroethane-d4

Concen: 49.557 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077224.D

Acq: 28 Mar 2023 00:42

Instrument :

MSVOA_N

ClientSampleId :

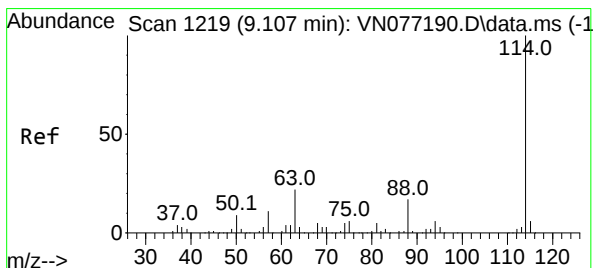
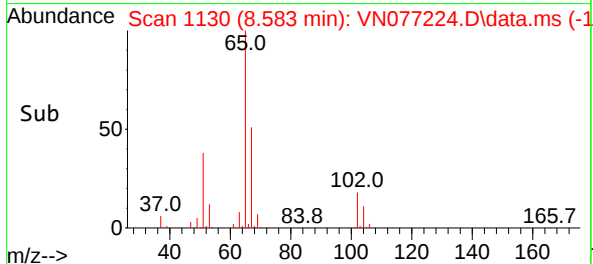
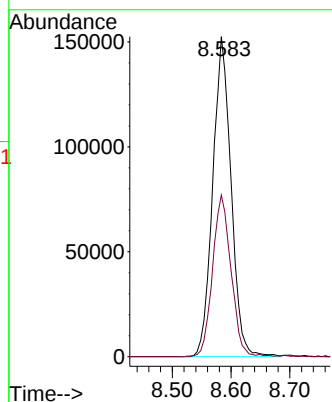
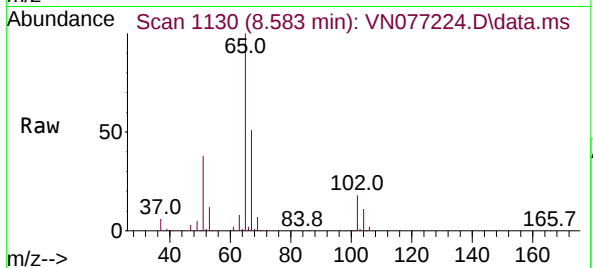
152140-TCLP-Z-032323

Tgt Ion: 65 Resp: 330010

Ion Ratio Lower Upper

65 100

67 50.8 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: VN077224.D

Acq: 28 Mar 2023 00:42

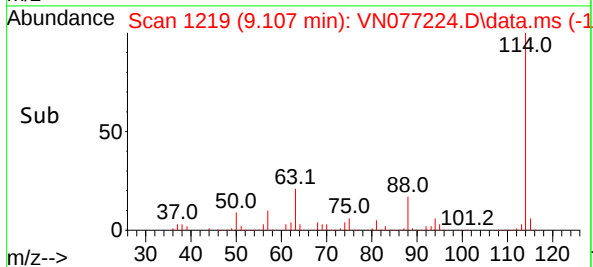
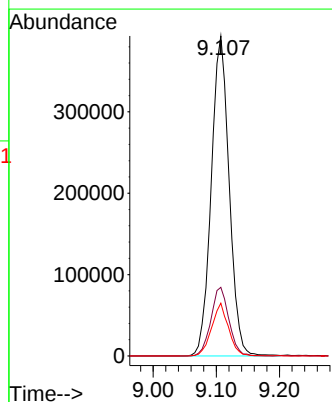
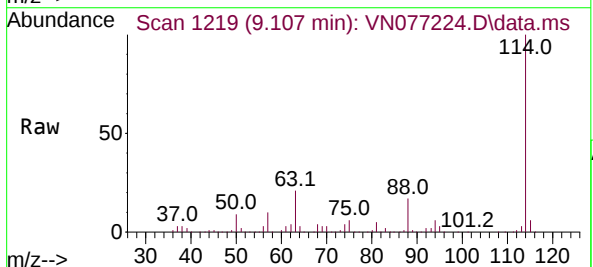
Tgt Ion: 114 Resp: 774879

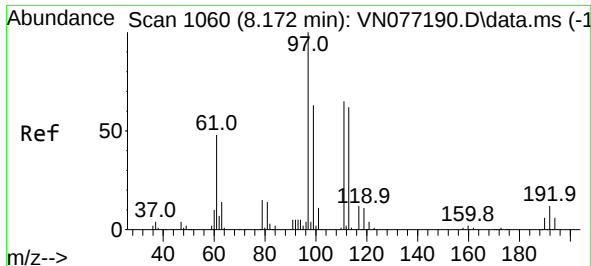
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.6

88 16.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 46.214 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077224.D

Acq: 28 Mar 2023 00:42

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-Z-032323

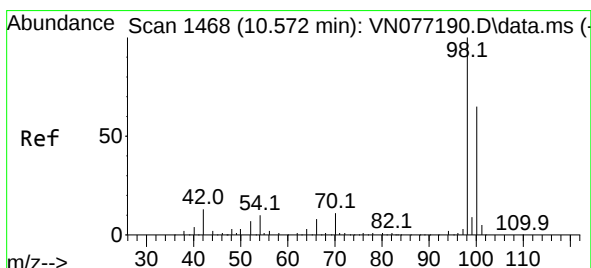
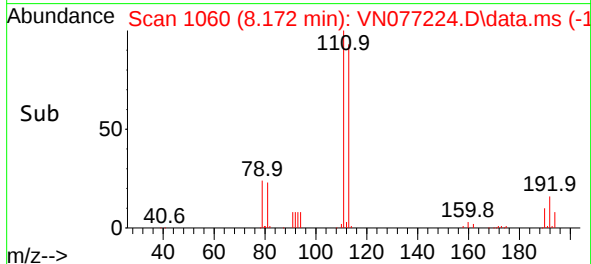
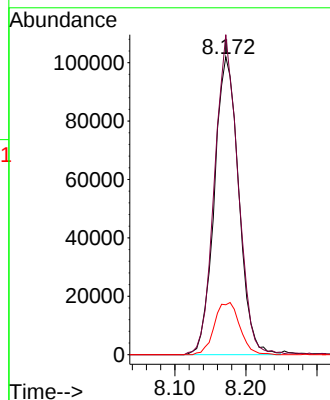
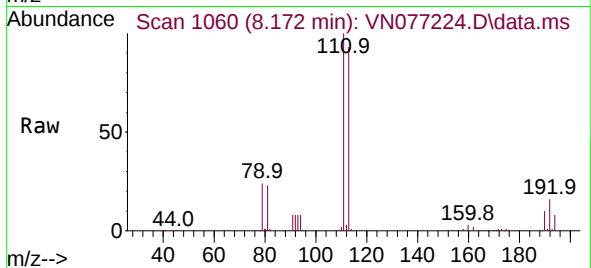
Tgt Ion:113 Resp: 242990

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

192 18.3 13.9 20.9



#50

Toluene-d8

Concen: 46.585 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077224.D

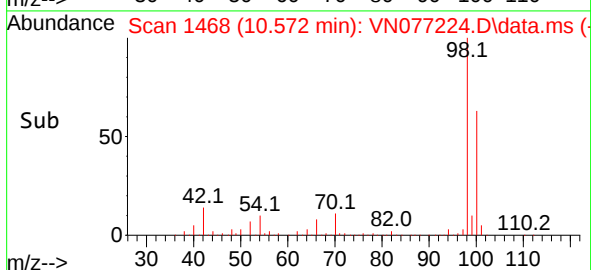
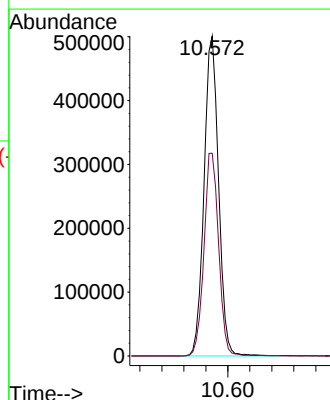
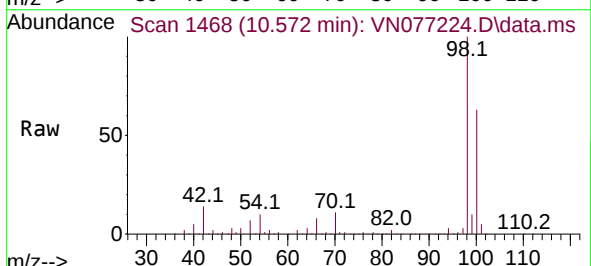
Acq: 28 Mar 2023 00:42

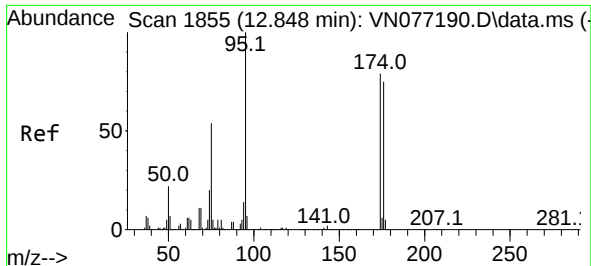
Tgt Ion: 98 Resp: 917807

Ion Ratio Lower Upper

98 100

100 64.0 52.8 79.2

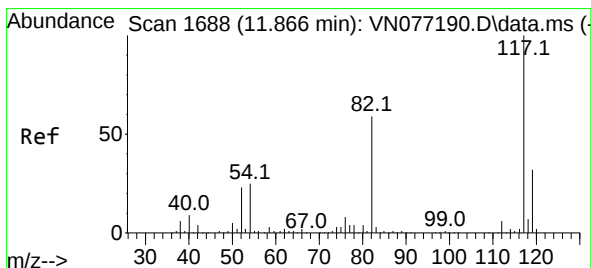
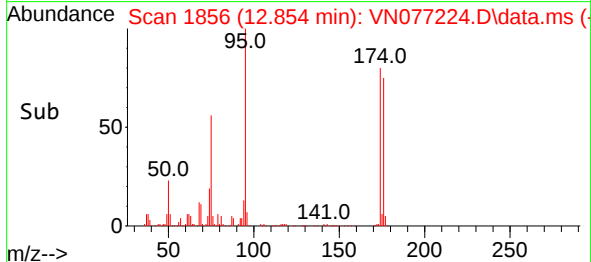
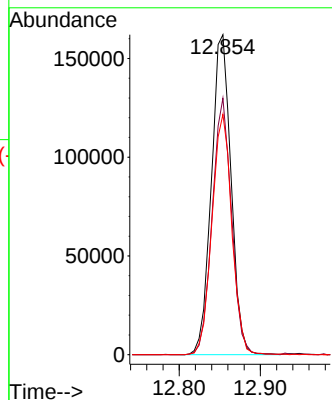
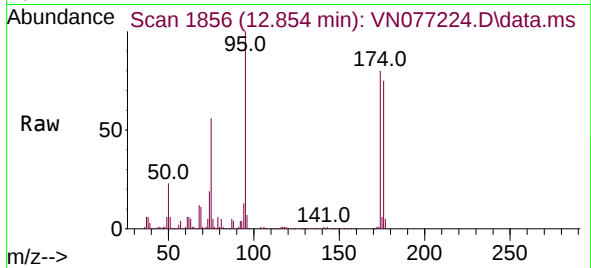




#62
4-Bromofluorobenzene
Concen: 42.192 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077224.D
Acq: 28 Mar 2023 00:42

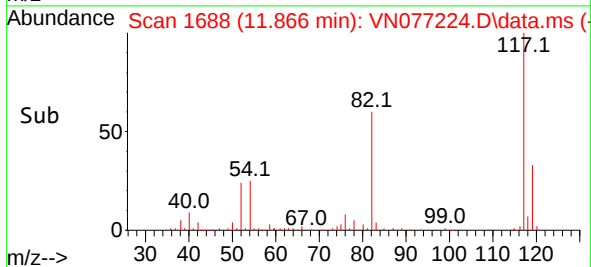
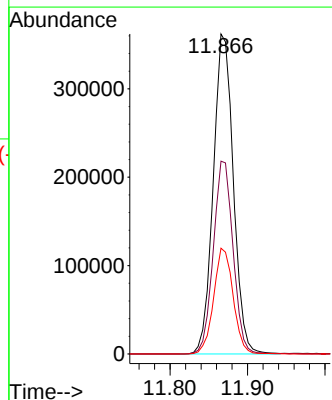
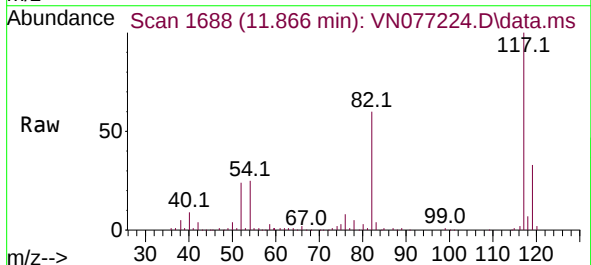
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-Z-032323

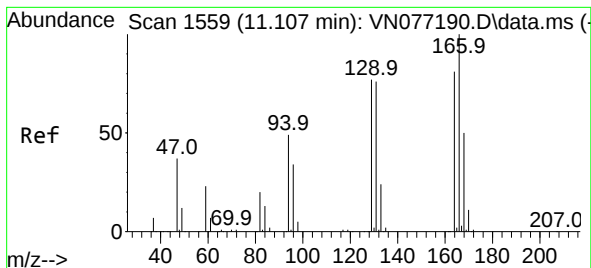
Tgt Ion:	95	Resp:	272813
Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	162.4
176	75.8	0.0	157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077224.D
Acq: 28 Mar 2023 00:42

Tgt Ion:	117	Resp:	652375
Ion	Ratio	Lower	Upper
117	100		
82	60.2	43.5	65.3
119	33.0	25.5	38.3





#64

Tetrachloroethene

Concen: 5.504 ug/l

RT: 11.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077224.D

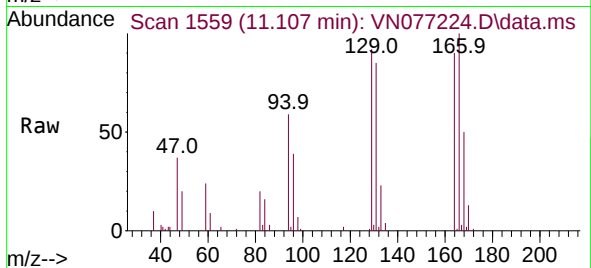
Acq: 28 Mar 2023 00:42

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-Z-032323



Tgt Ion:164 Resp: 22275

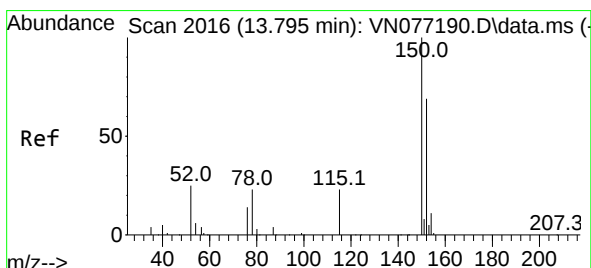
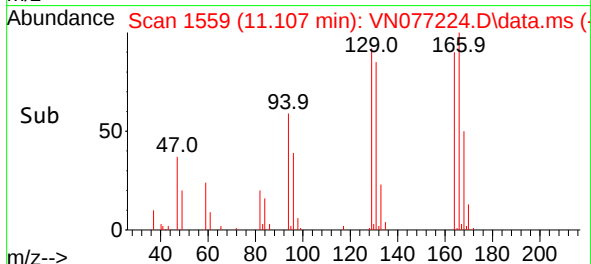
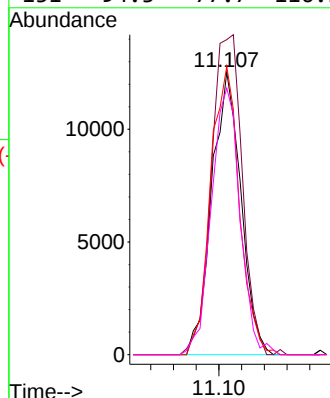
Ion Ratio Lower Upper

164 100

166 111.5 102.7 154.1

129 102.0 81.5 122.3

131 94.3 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: VN077224.D

Acq: 28 Mar 2023 00:42

Tgt Ion:152 Resp: 262570

Ion Ratio Lower Upper

152 100

115 61.6 30.3 90.9

150 158.0 0.0 353.6

