

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025476.D
 Acq On : 03 Dec 2021 12:48
 Operator : JC/MD
 Sample : M4918-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-38IDL

Quant Time: Dec 04 06:48:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

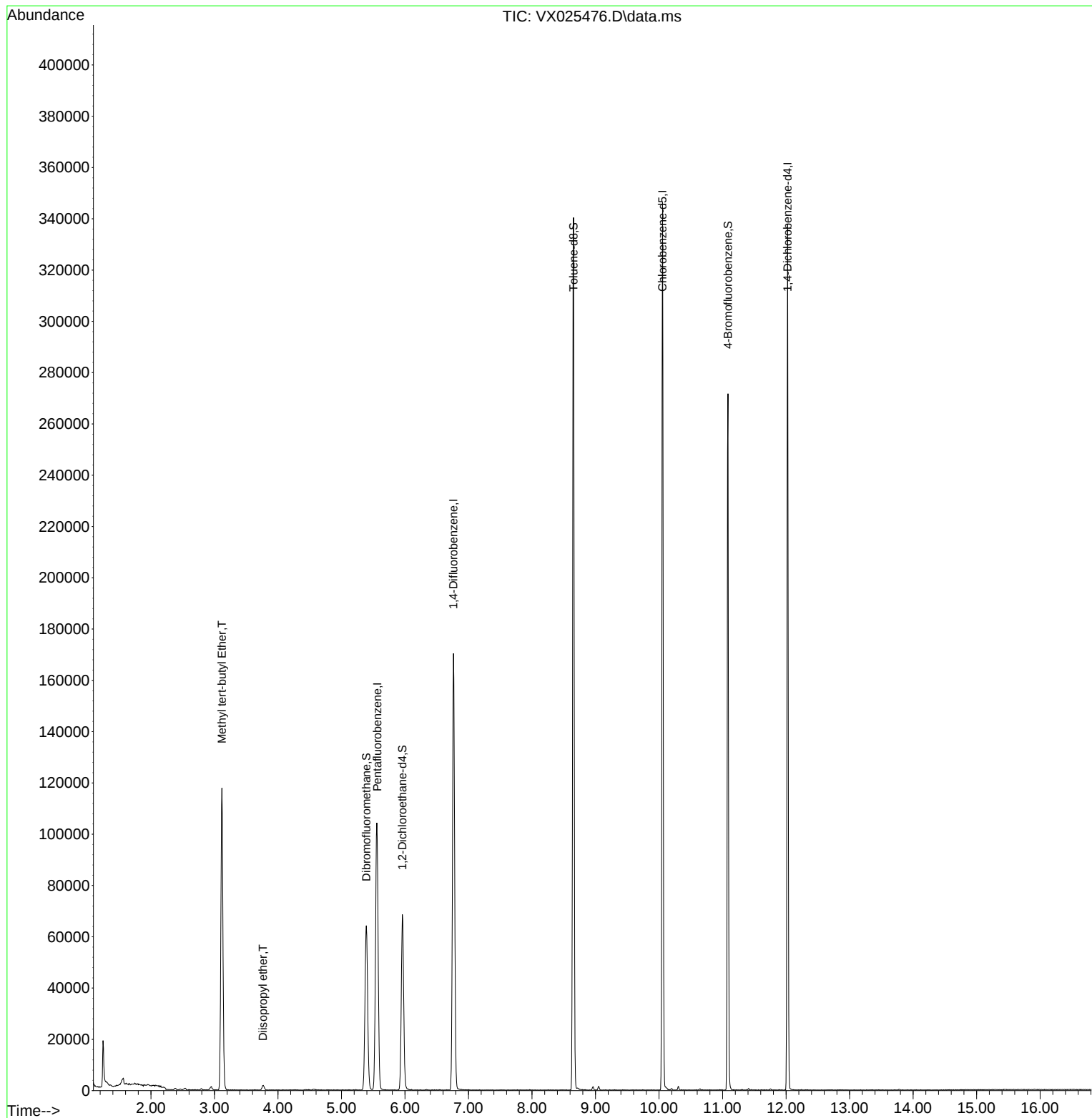
Internal Standards						
1) Pentafluorobenzene	5.562	168	107267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63128	55.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.660%
35) Dibromofluoromethane	5.391	113	56527	50.715	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	8.653	98	209413	49.971	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.085	95	71978	45.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.117	73	133896	38.653	ug/l	99
22) Diisopropyl ether	3.763	45	2040	0.595	ug/l #	91

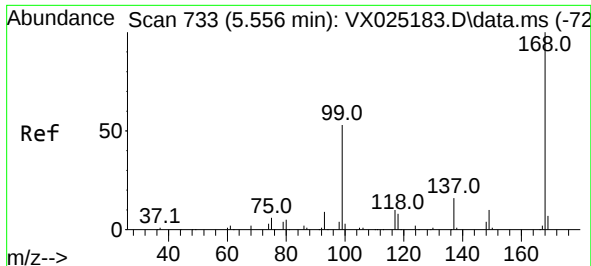
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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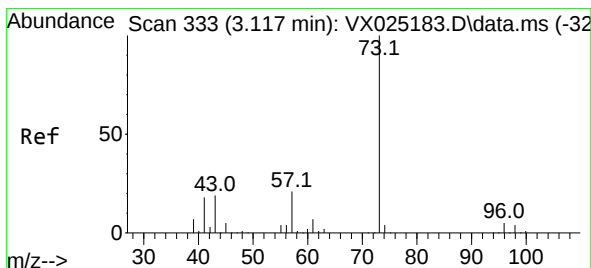
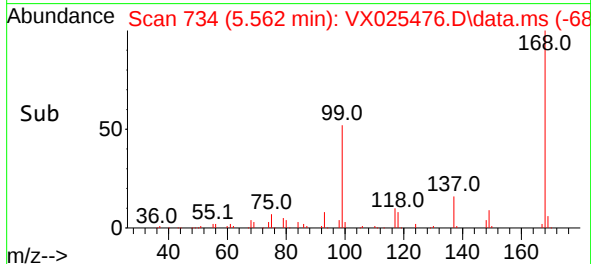
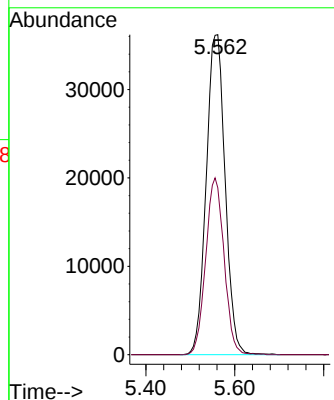
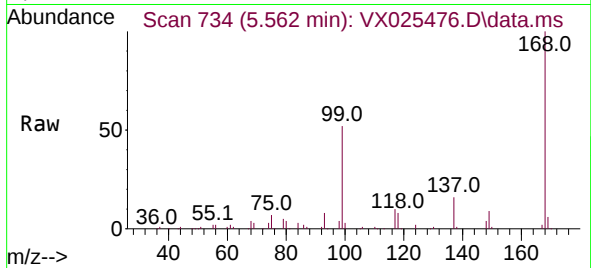




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

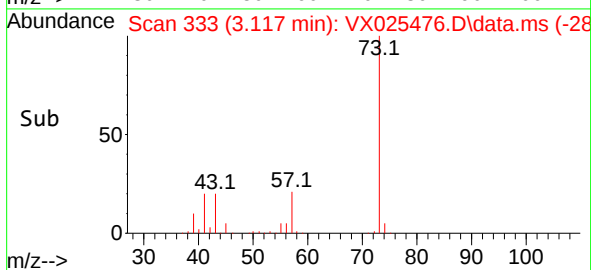
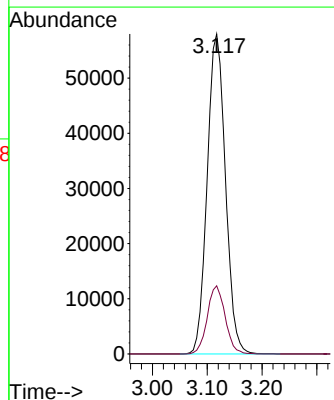
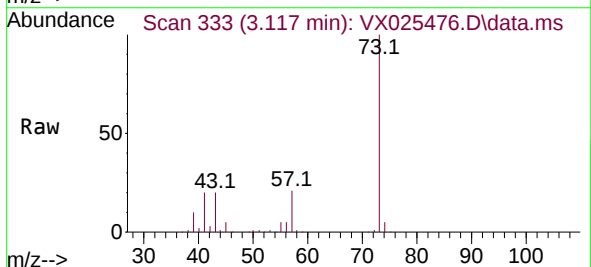
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

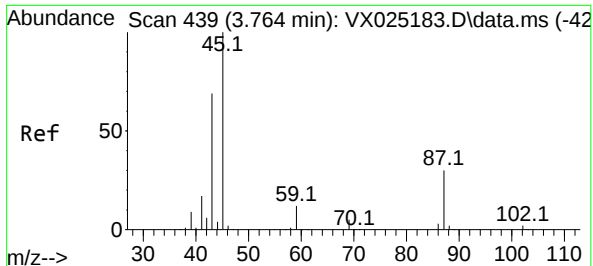
Tgt Ion:168 Resp: 107267
Ion Ratio Lower Upper
168 100
99 52.2 46.4 69.6



#19
Methyl tert-butyl Ether
Concen: 38.653 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

Tgt Ion: 73 Resp: 133896
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3

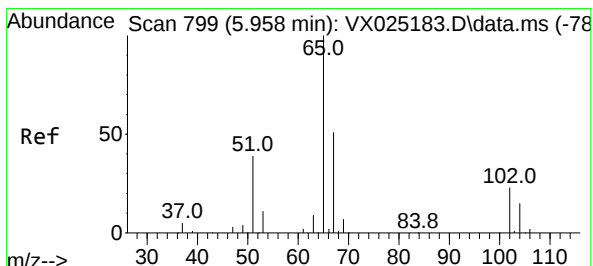
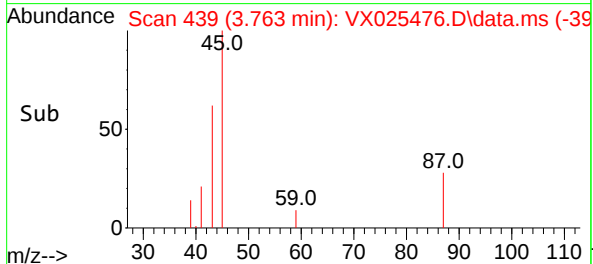
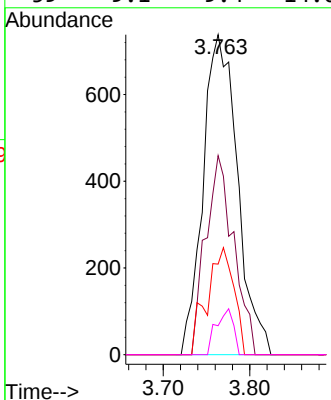
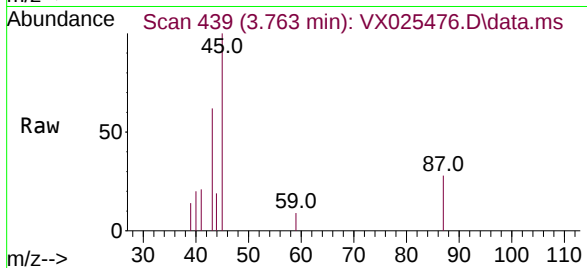




#22
Diisopropyl ether
Concen: 0.595 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

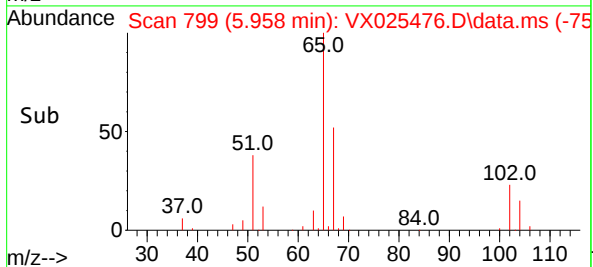
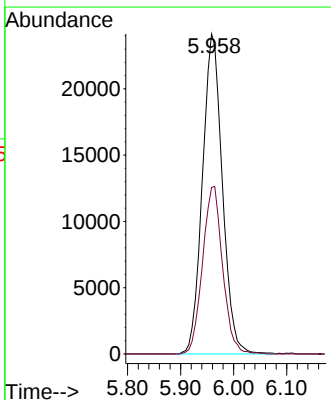
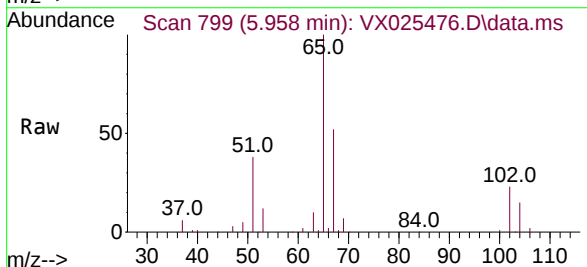
Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

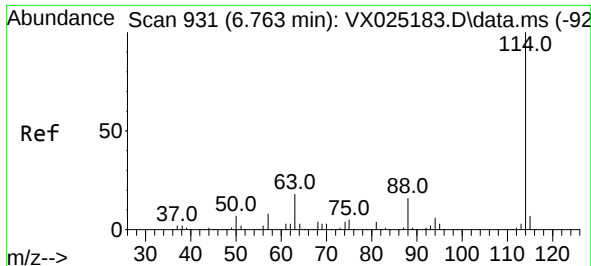
Tgt Ion:	45	Resp:	2040
Ion	Ratio	Lower	Upper
45	100		
43	62.2	58.3	87.5
87	28.3	23.7	35.5
59	9.1	9.4	14.0



#33
1,2-Dichloroethane-d4
Concen: 55.833 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

Tgt Ion:	65	Resp:	63128
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	101.0

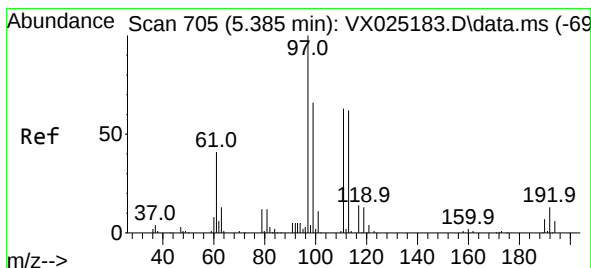
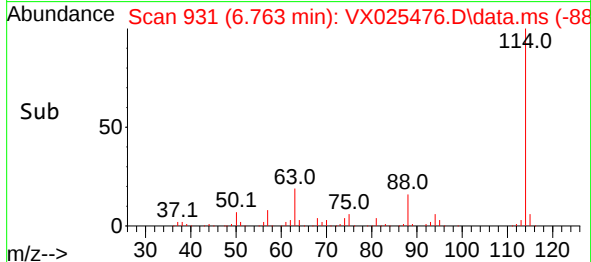
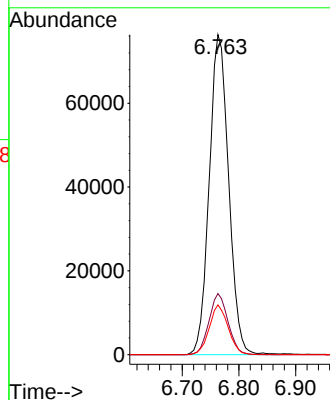
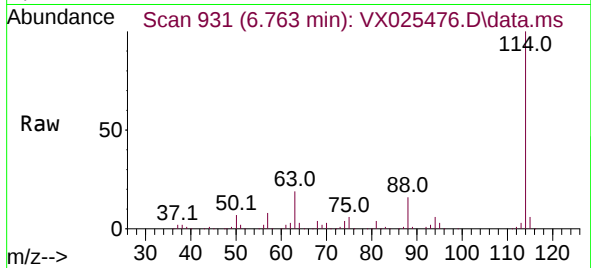




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

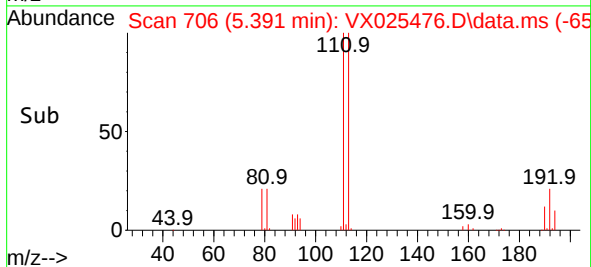
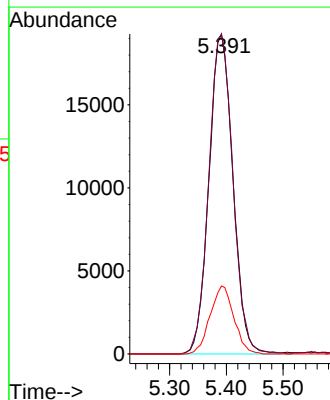
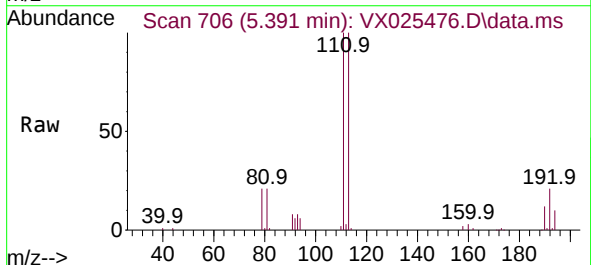
Instrument :
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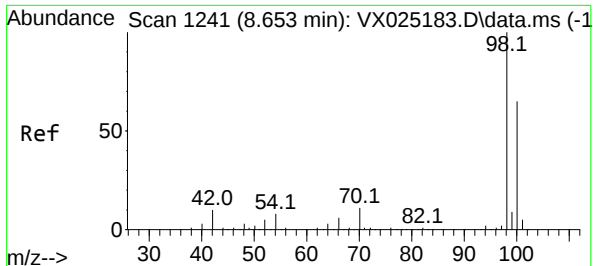
Tgt Ion:114 Resp: 181658
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.715 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

Tgt Ion:113 Resp: 56527
Ion Ratio Lower Upper
113 100
111 100.8 82.1 123.1
192 21.0 15.6 23.4

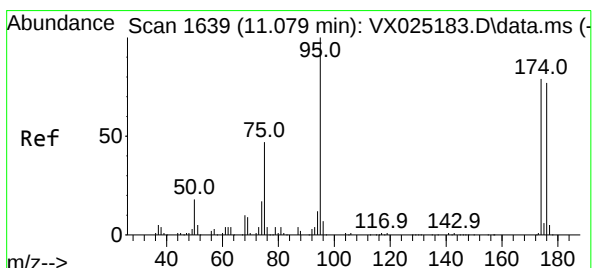
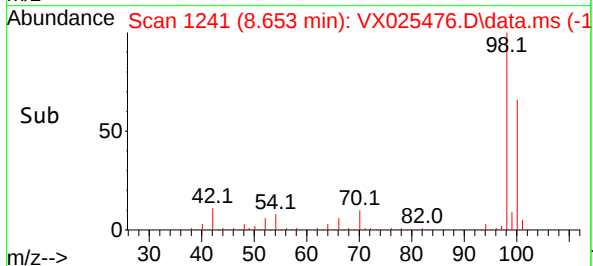
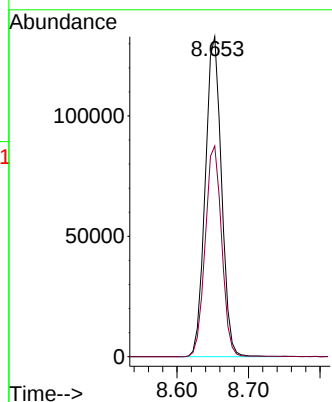
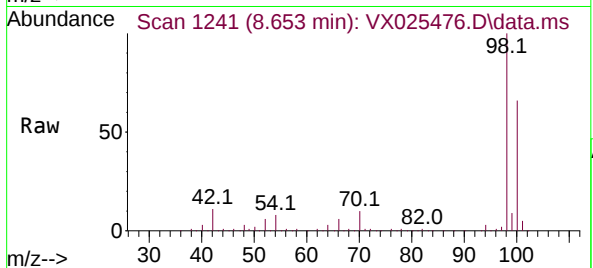




#50
Toluene-d8
Concen: 49.971 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

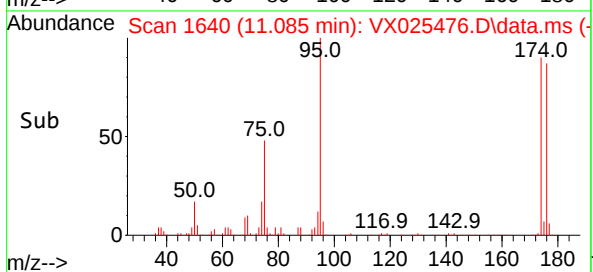
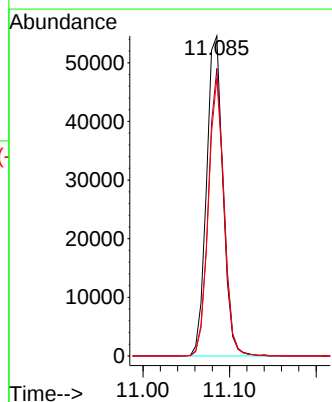
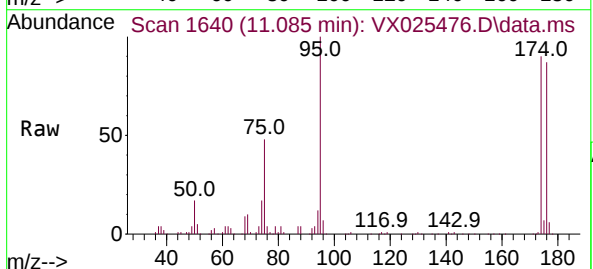
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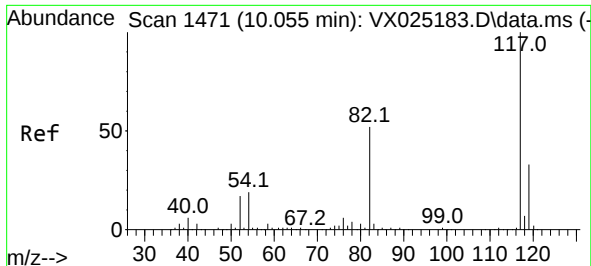
Tgt Ion: 98 Resp: 209413
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.401 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

Tgt Ion: 95 Resp: 71978
Ion Ratio Lower Upper
95 100
174 85.2 0.0 158.0
176 82.4 0.0 153.6

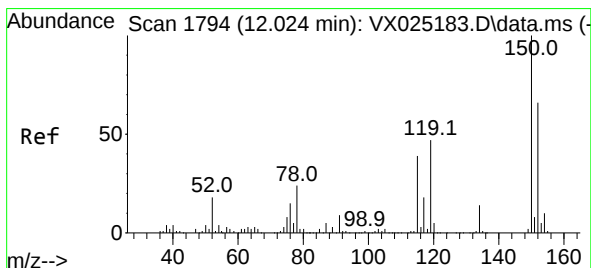
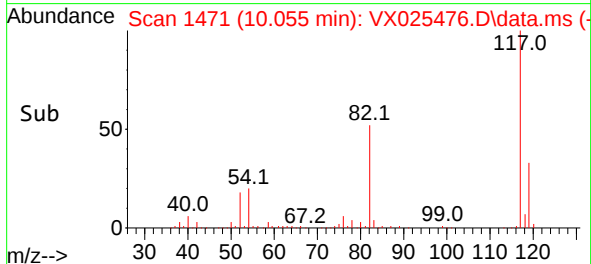
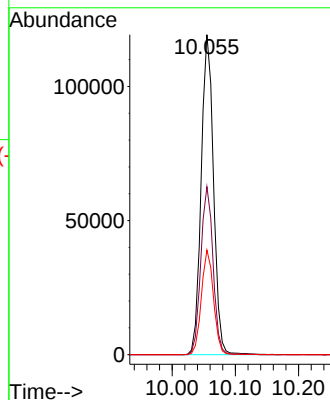
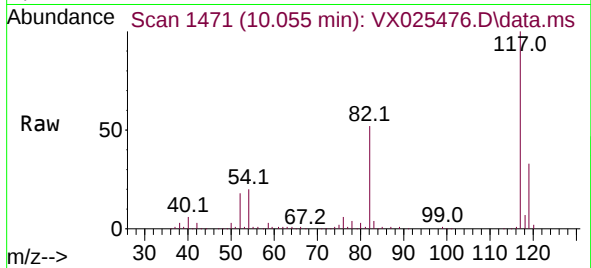




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

Instrument :
MSVOA_X
ClientSampleId :
MW-38IDL

Tgt Ion:117 Resp: 162317
Ion Ratio Lower Upper
117 100
82 52.5 44.6 67.0
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025476.D
Acq: 03 Dec 2021 12:48

Tgt Ion:152 Resp: 71167
Ion Ratio Lower Upper
152 100
115 57.2 43.3 129.8
150 155.7 0.0 351.2

