

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034748.D
 Acq On : 27 Mar 2023 14:39
 Operator : JC/MD
 Sample : 02100-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-01-032323

Quant Time: Mar 28 03:19:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	311817	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	524593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	220693	48.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.300%
35) Dibromofluoromethane	5.385	113	161848	46.728	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.460%
50) Toluene-d8	8.646	98	620692	48.004	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.079	95	236347	45.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%

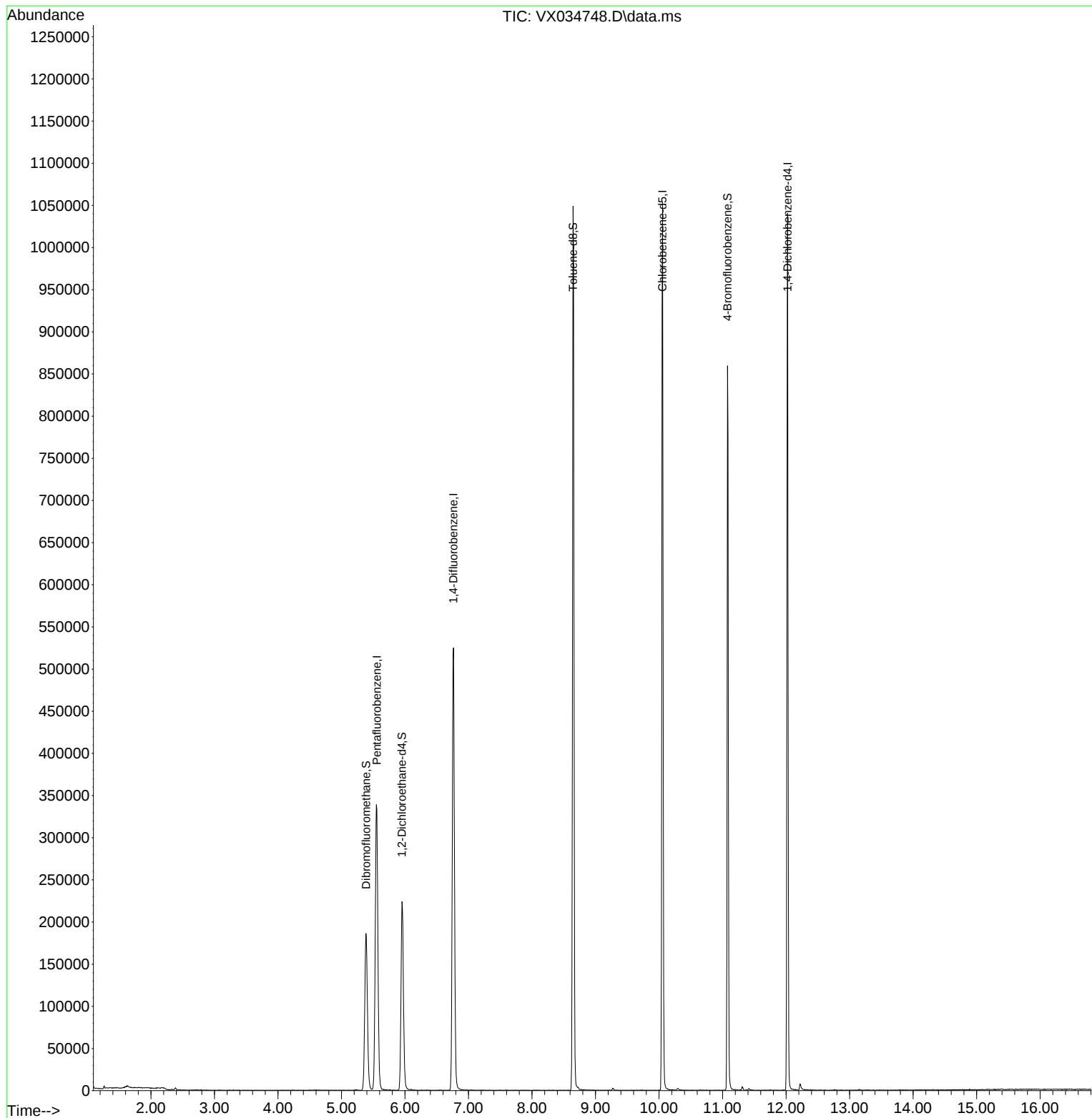
Target Compounds	Qvalue

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

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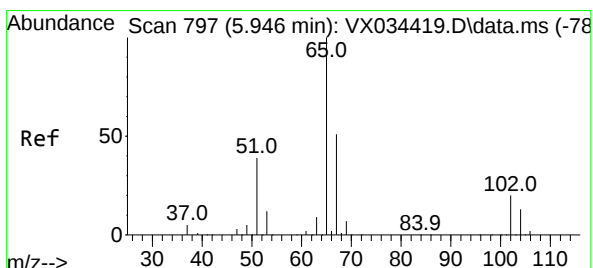
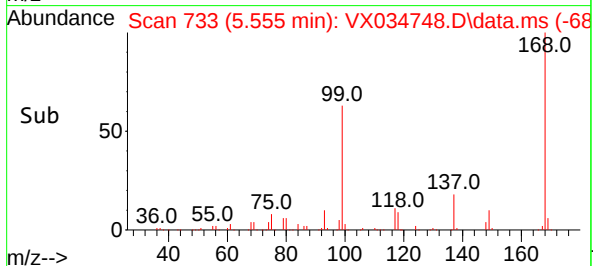
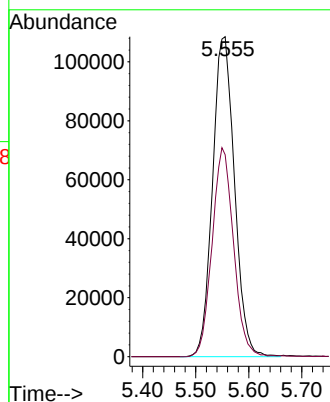
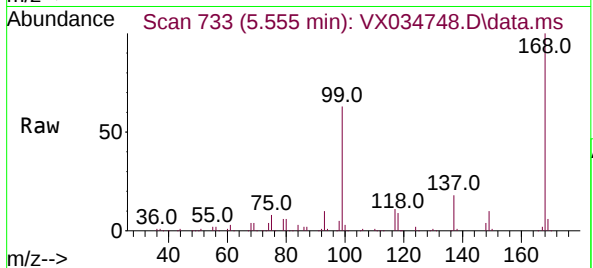




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 711
Delta R.T. 0.011 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

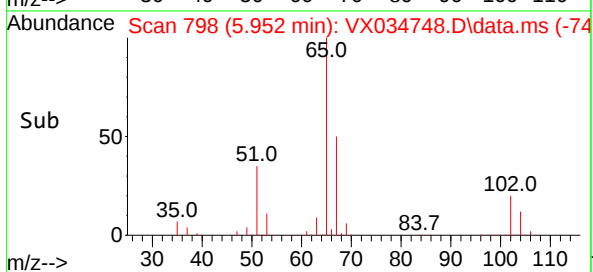
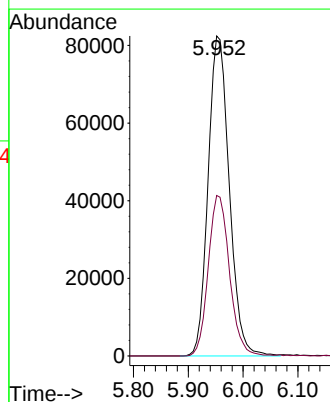
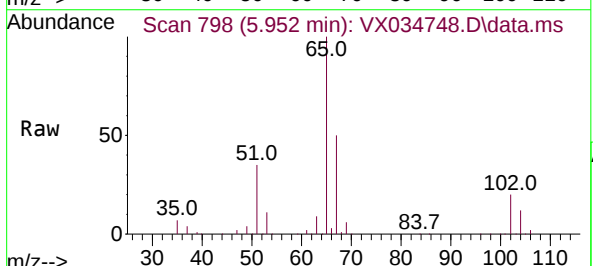
Instrument :
MSVOA_X
ClientSampleId :
DS-01-032323

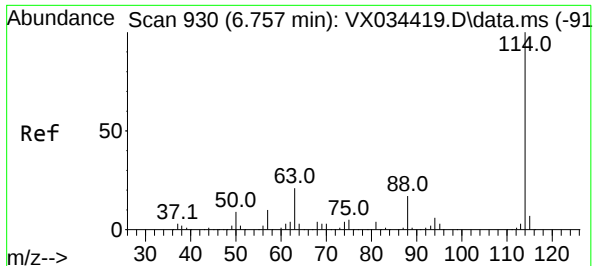
Tgt Ion:168 Resp: 311817
Ion Ratio Lower Upper
168 100
99 63.1 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 48.650 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion: 65 Resp: 220693
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.0

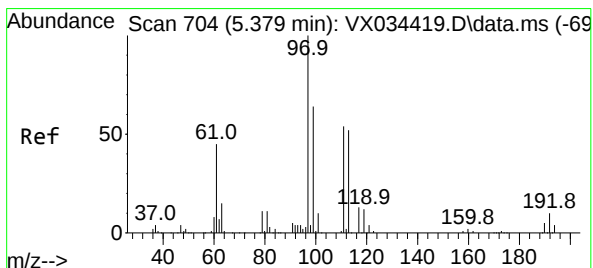
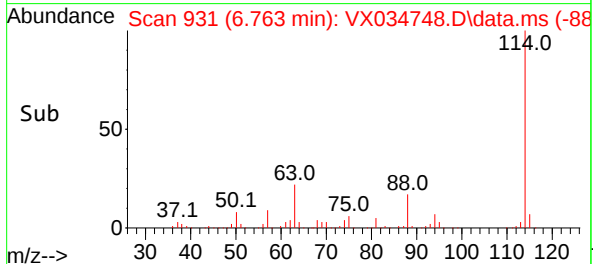
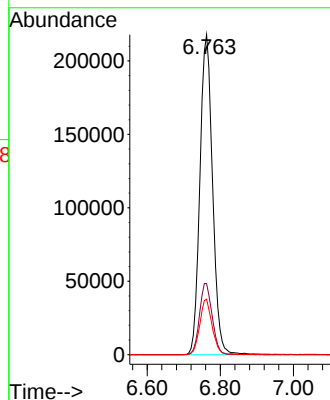
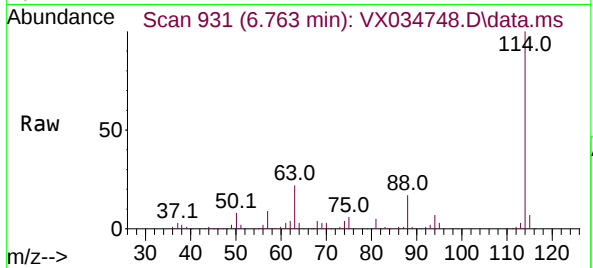




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

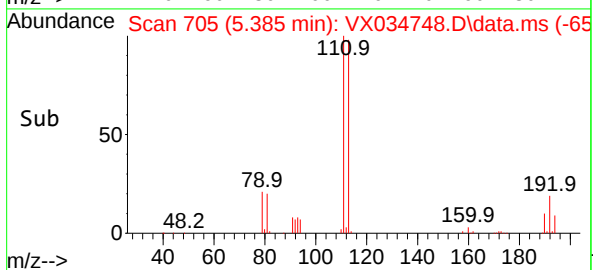
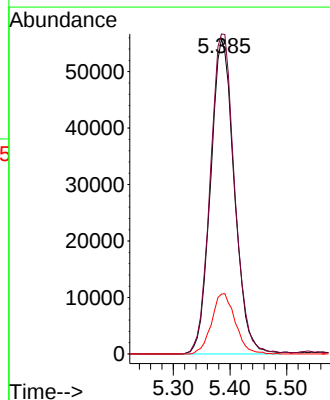
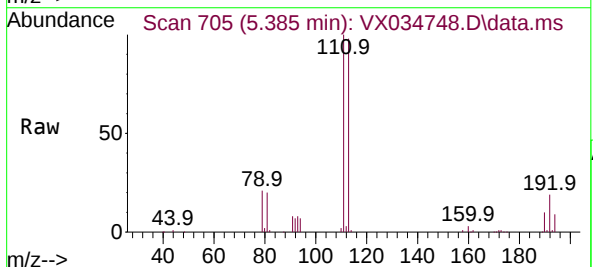
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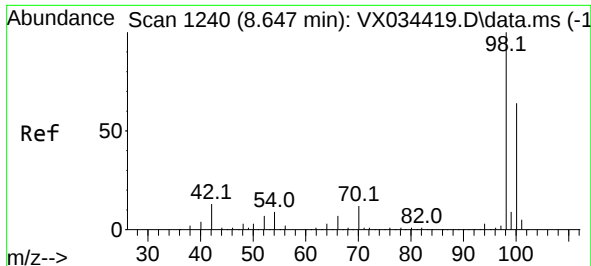
Tgt Ion:114 Resp: 524593
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.728 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion:113 Resp: 161848
Ion Ratio Lower Upper
113 100
111 104.6 83.7 125.5
192 19.1 15.4 23.2

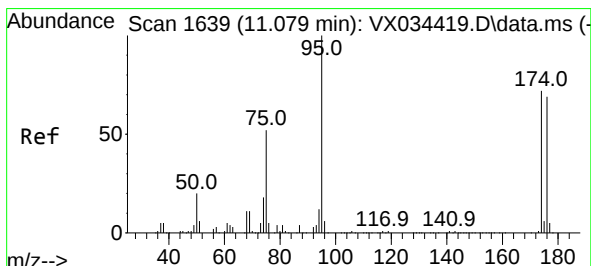
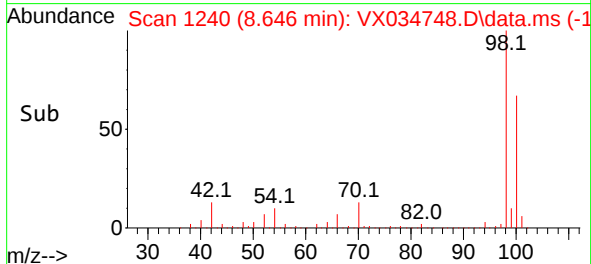
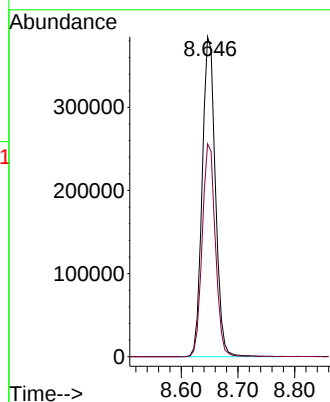
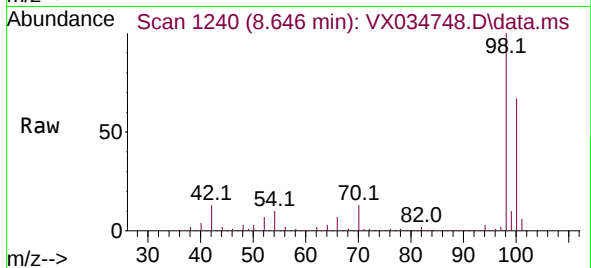




#50
Toluene-d8
Concen: 48.004 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

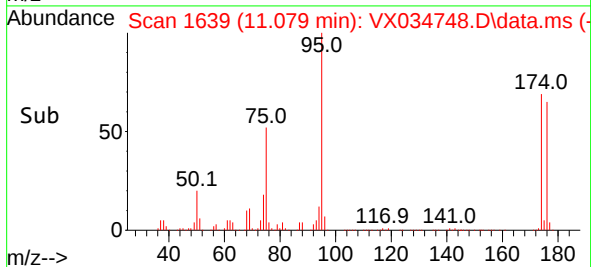
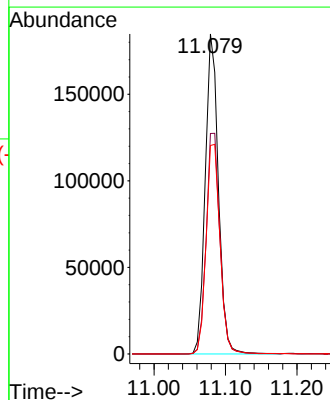
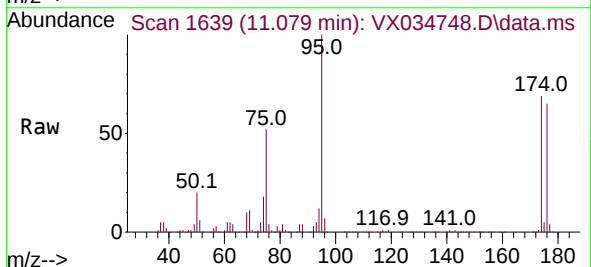
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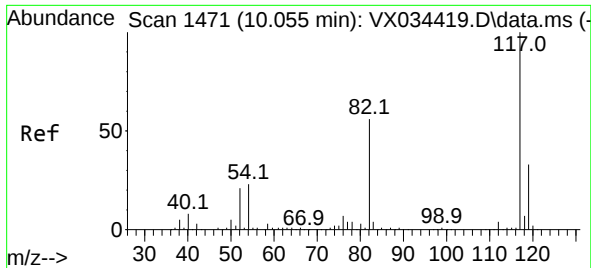
Tgt Ion: 98 Resp: 620692
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.254 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion: 95 Resp: 236347
Ion Ratio Lower Upper
95 100
174 72.0 0.0 147.4
176 69.4 0.0 140.6

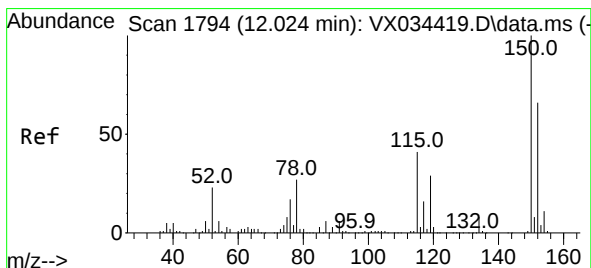
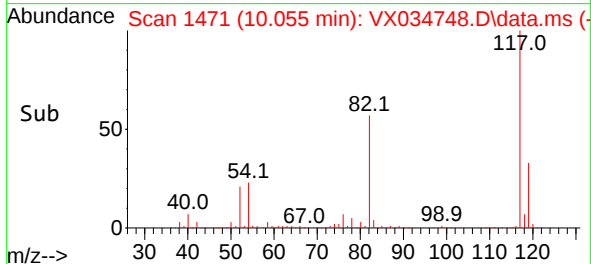
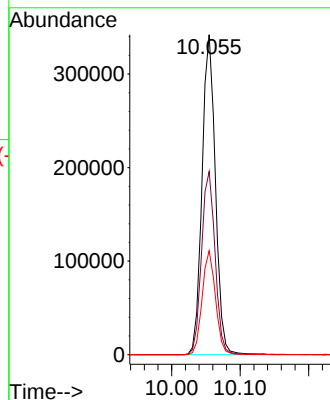
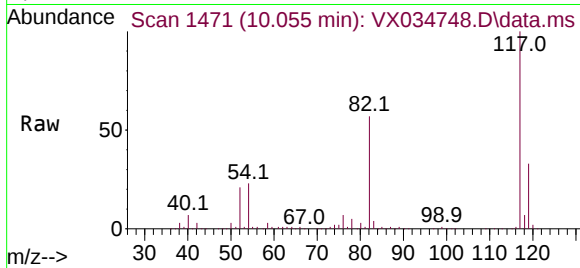




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Instrument :
MSVOA_X
ClientSampleId :
DS-01-032323

Tgt Ion:117 Resp: 465700
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034748.D
Acq: 27 Mar 2023 14:39

Tgt Ion:152 Resp: 205756
Ion Ratio Lower Upper
152 100
115 63.4 45.0 135.0
150 157.5 0.0 352.4

