

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034048.D
 Acq On : 06 Feb 2023 23:16
 Operator : JC/MD
 Sample : 01455-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Feb 07 01:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64324	49.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.020%
35) Dibromofluoromethane	5.385	113	59484	49.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	8.647	98	215842	49.442	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	77369	49.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.240%

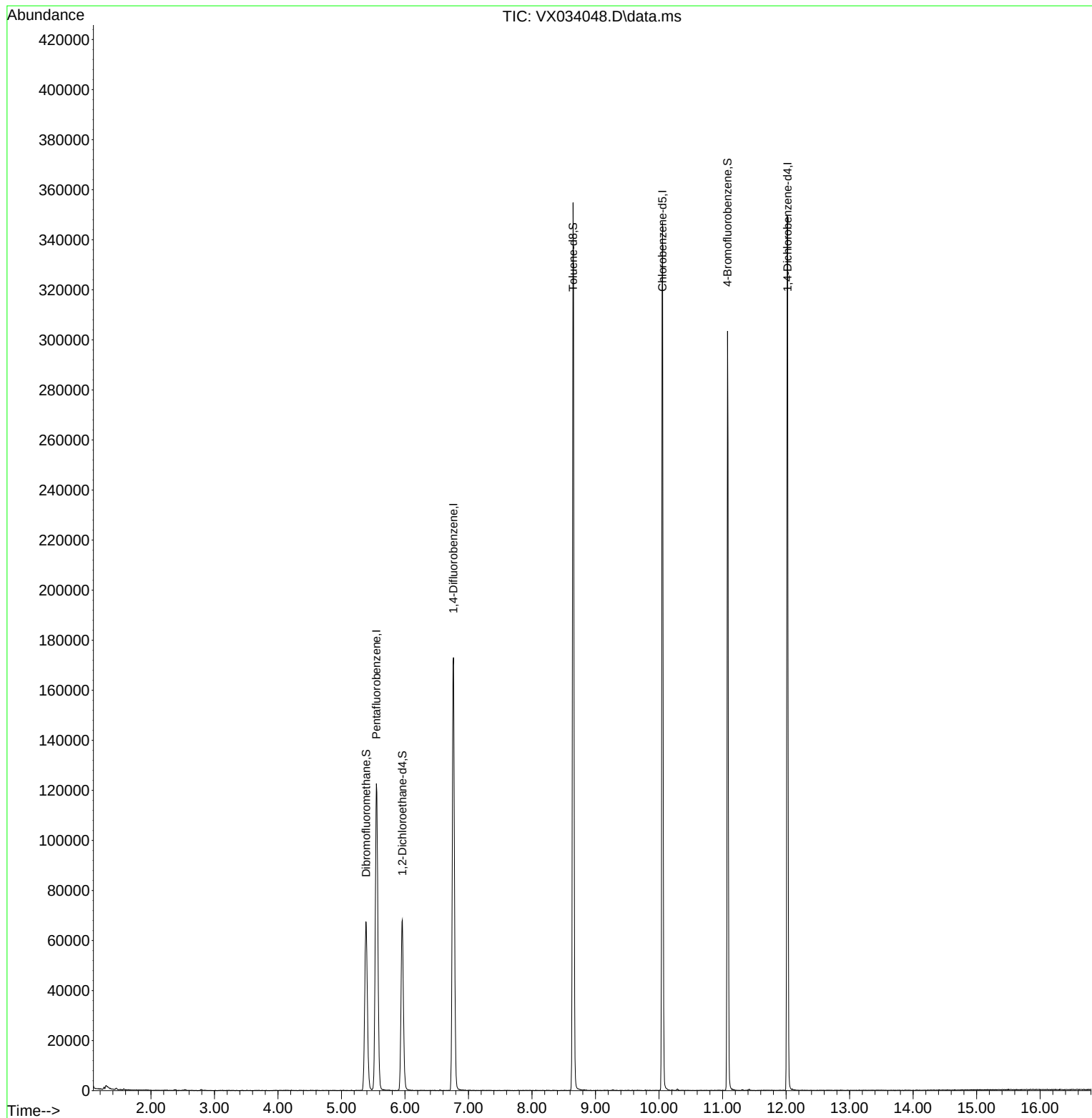
Target Compounds Qvalue

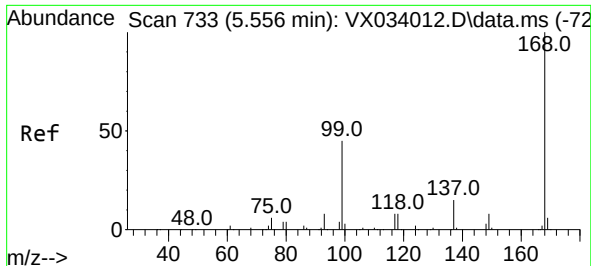
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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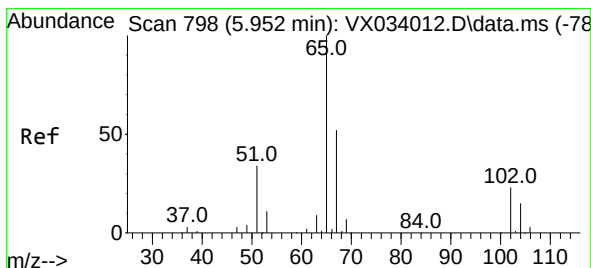
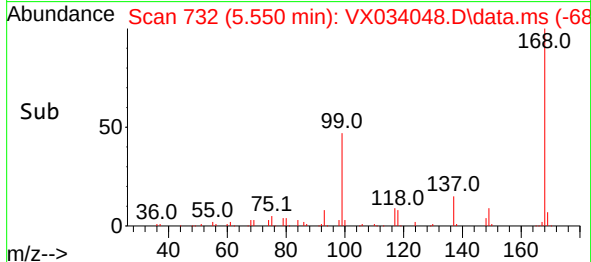
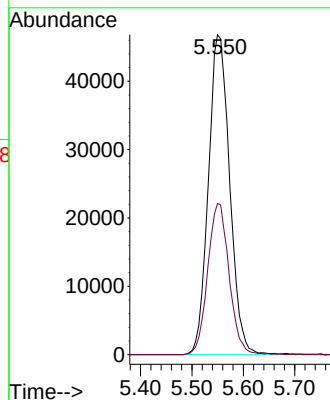
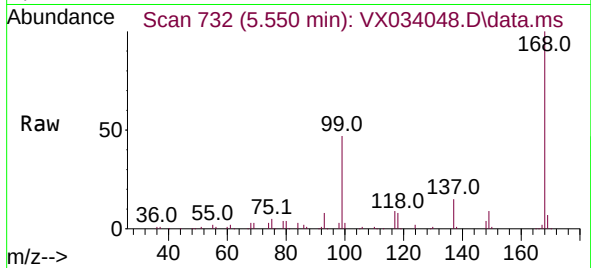




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

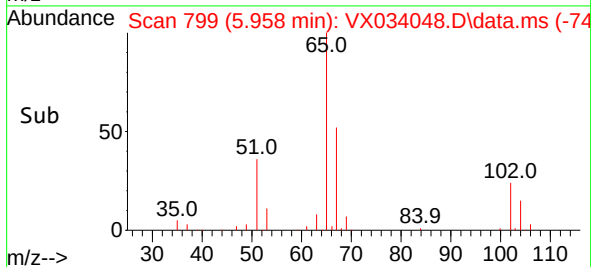
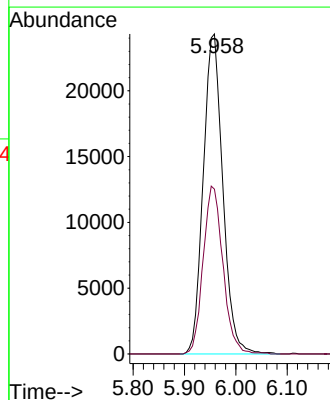
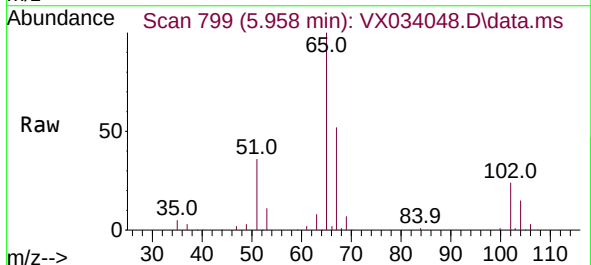
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

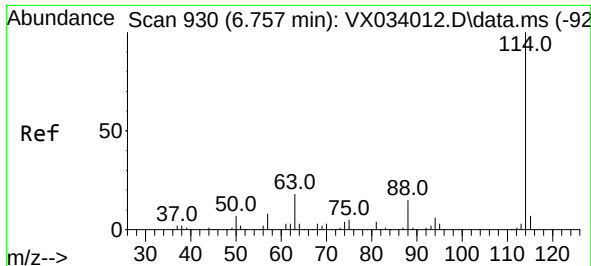
Tgt Ion:168 Resp: 134779
Ion Ratio Lower Upper
168 100
99 47.3 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 49.505 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

Tgt Ion: 65 Resp: 64324
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

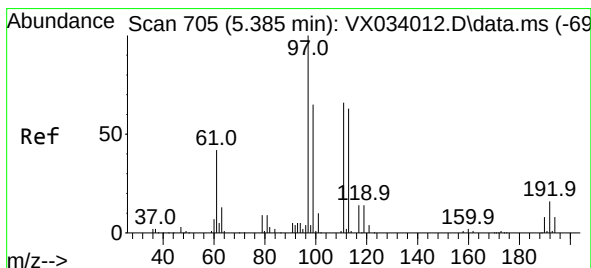
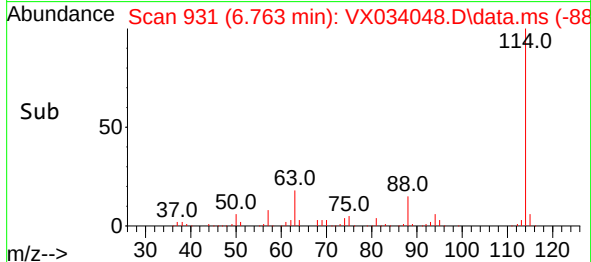
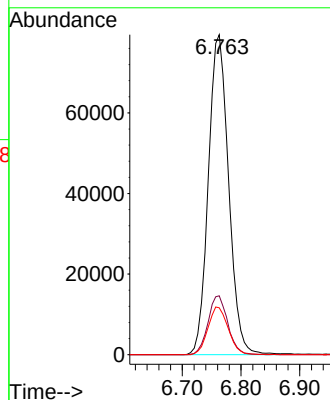
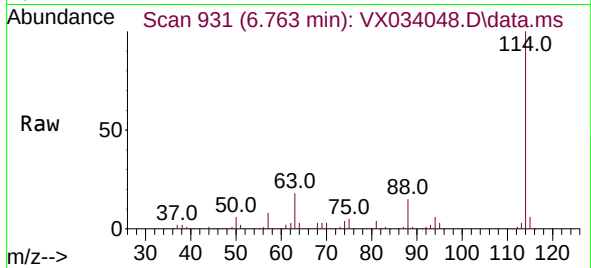




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

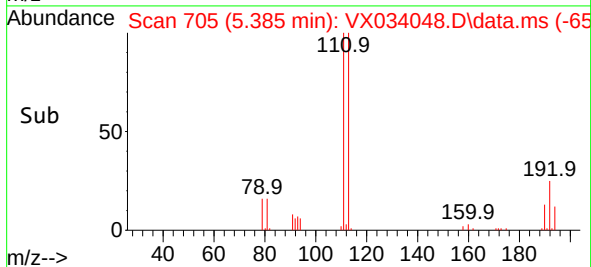
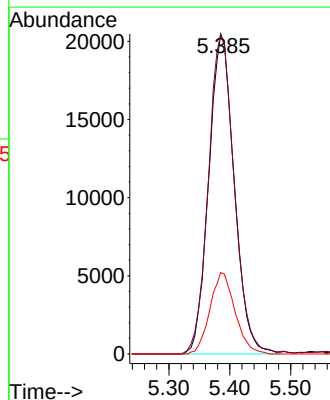
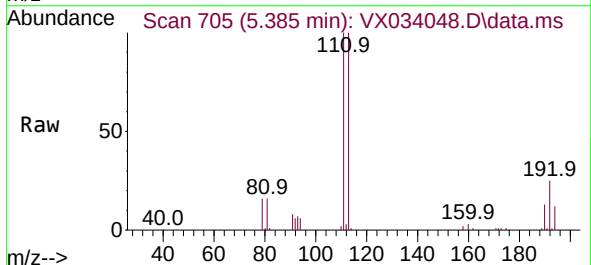
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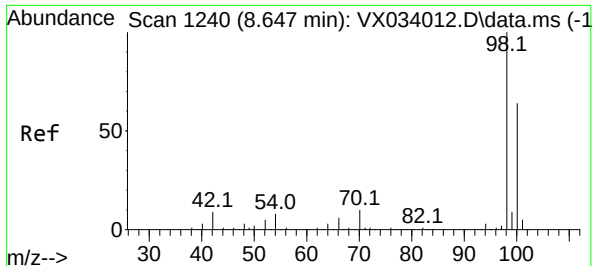
Tgt Ion:114 Resp: 190384
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

Tgt Ion:113 Resp: 59484
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 25.0 19.0 28.4

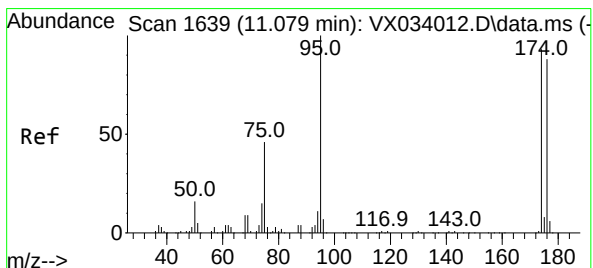
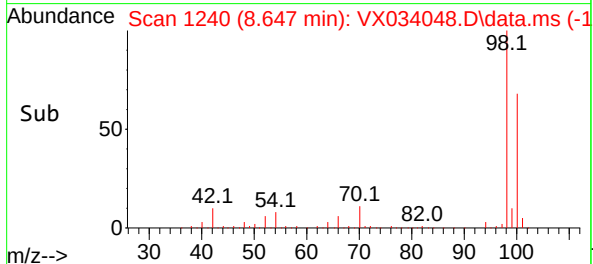
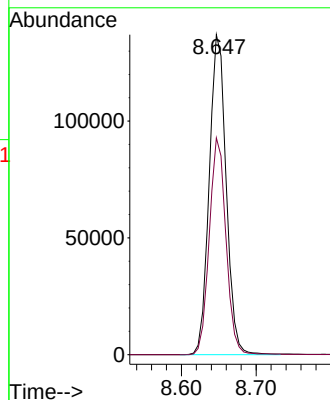
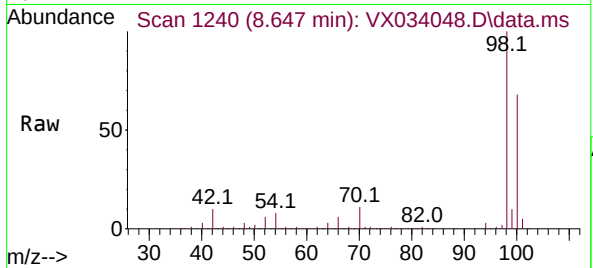




#50
Toluene-d8
Concen: 49.442 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

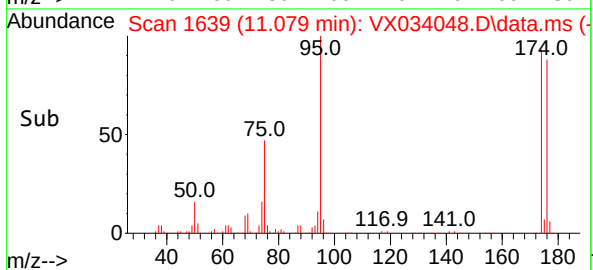
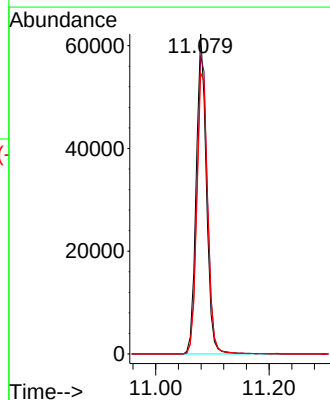
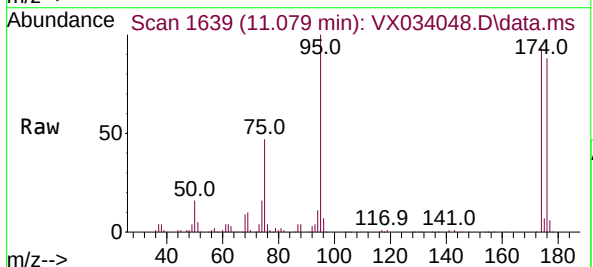
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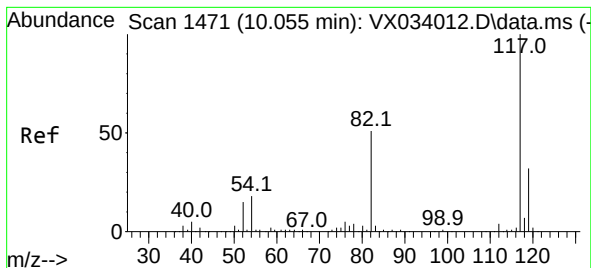
Tgt Ion: 98 Resp: 215842
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 49.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

Tgt Ion: 95 Resp: 77369
Ion Ratio Lower Upper
95 100
174 98.4 0.0 184.4
176 93.3 0.0 178.8

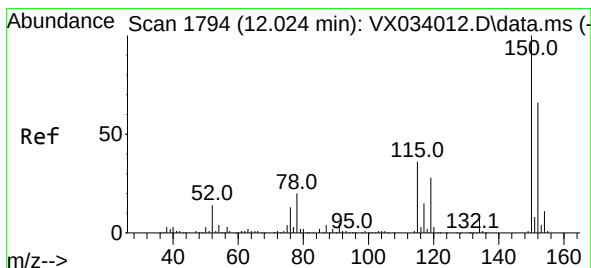
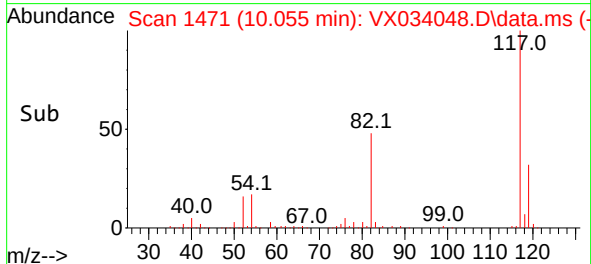
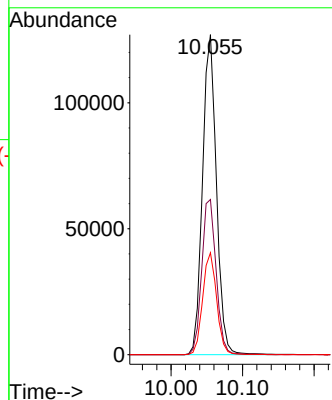
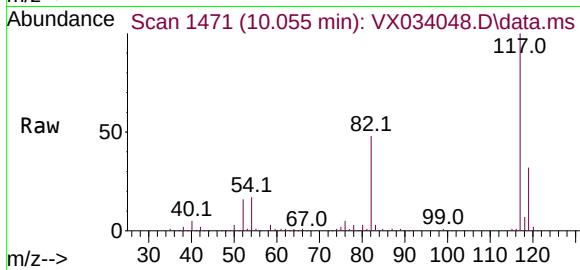




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 171687
Ion Ratio Lower Upper
117 100
82 48.5 40.6 60.8
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034048.D
Acq: 06 Feb 2023 23:16

Tgt Ion:152 Resp: 85066
Ion Ratio Lower Upper
152 100
115 53.5 38.7 116.1
150 157.3 0.0 348.2

