

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034730.D
 Acq On : 24 Mar 2023 18:48
 Operator : JC/MD
 Sample : 02080-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 27 01:35:04 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	5.550	168	315029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	542875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	231243	50.456	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.920%
35) Dibromofluoromethane	5.385	113	170762	47.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.280%
50) Toluene-d8	8.647	98	646440	48.312	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.079	95	246991	45.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.400%

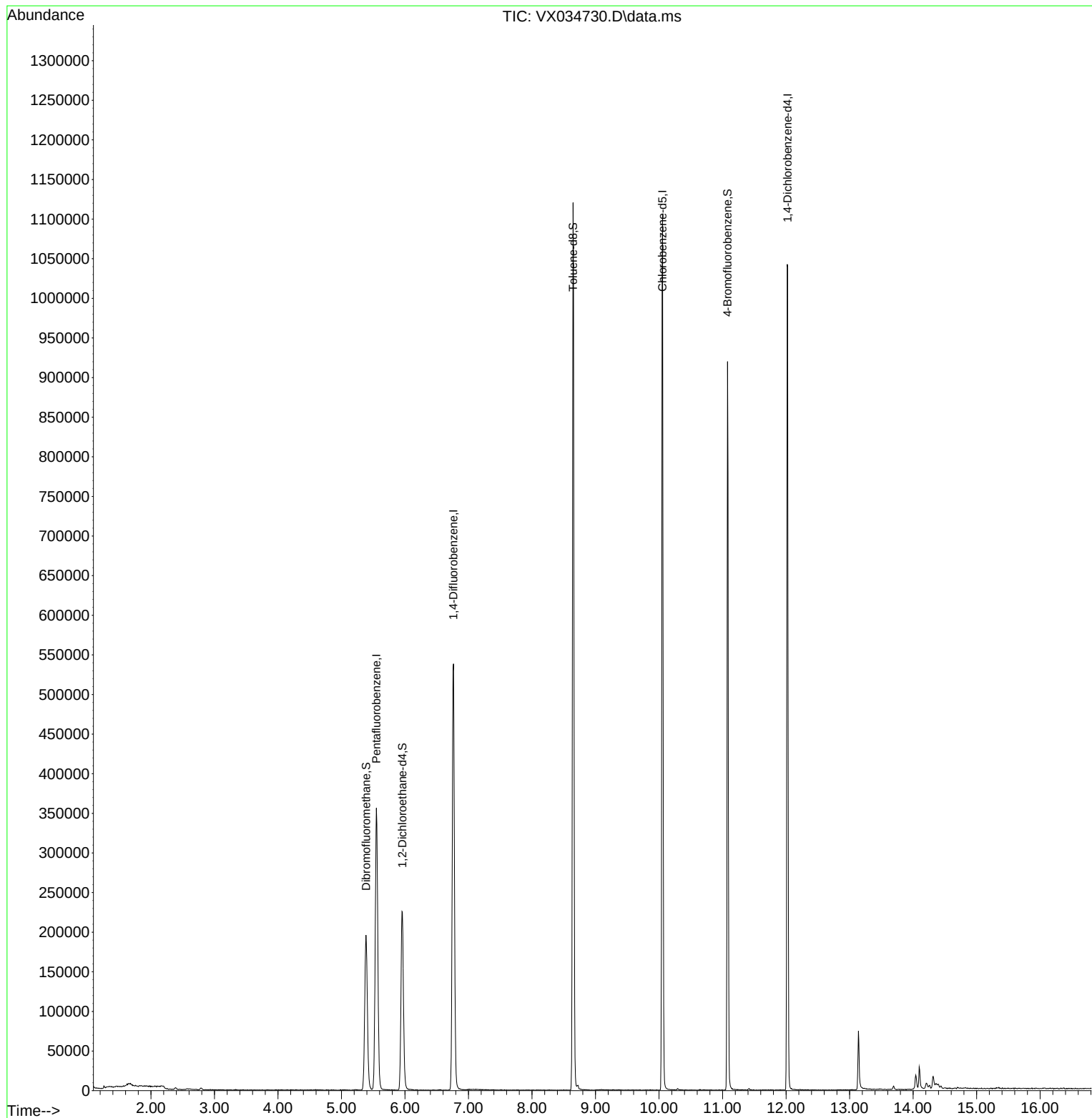
Target Compounds	Qvalue

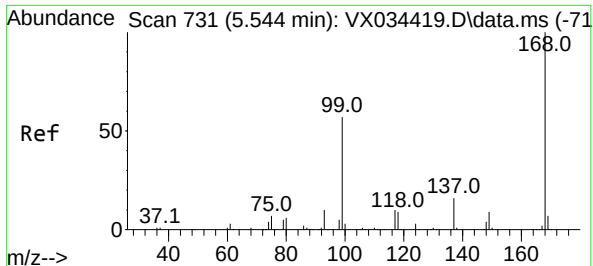
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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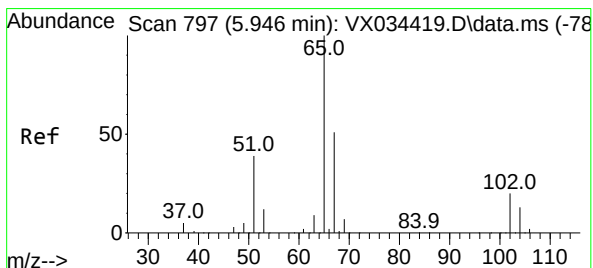
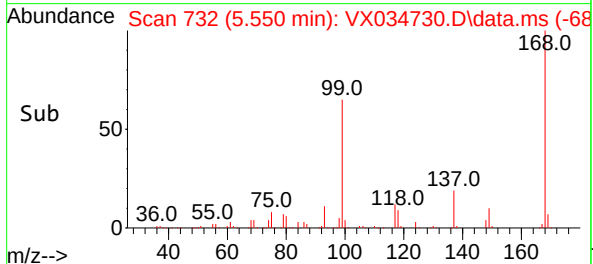
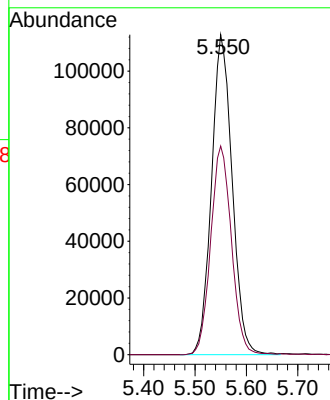
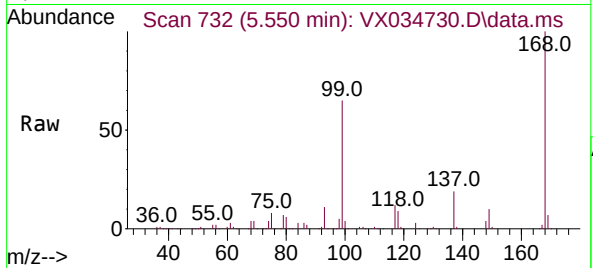




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VX034730.D
 Acq: 24 Mar 2023 18:48

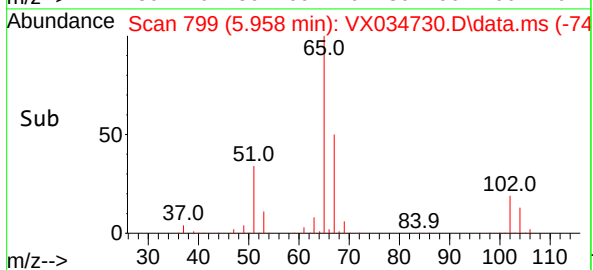
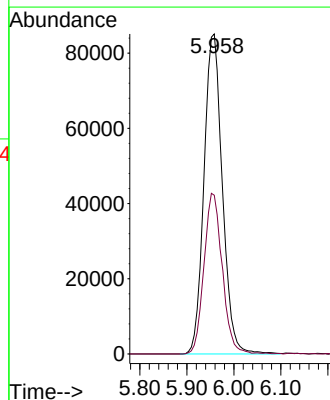
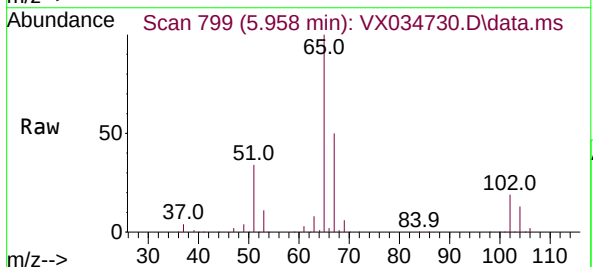
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

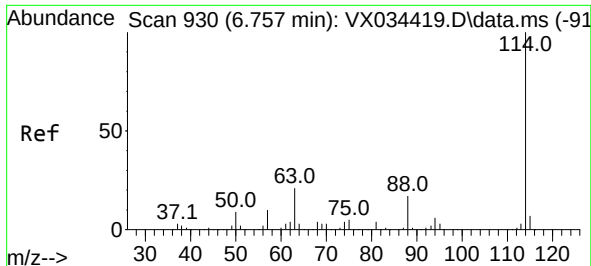
Tgt Ion:168 Resp: 315029
 Ion Ratio Lower Upper
 168 100
 99 65.2 45.7 68.5



#33
 1,2-Dichloroethane-d4
 Concen: 50.456 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.012 min
 Lab File: VX034730.D
 Acq: 24 Mar 2023 18:48

Tgt Ion: 65 Resp: 231243
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.0

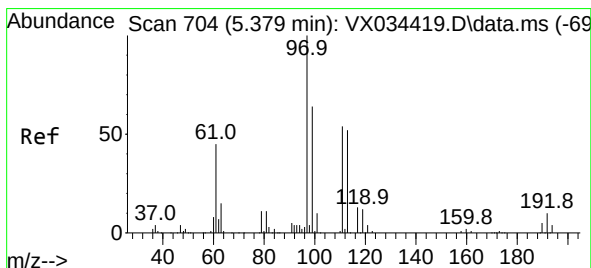
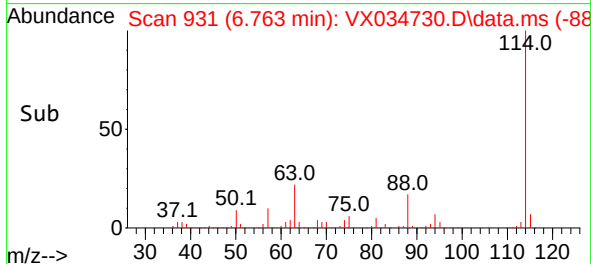
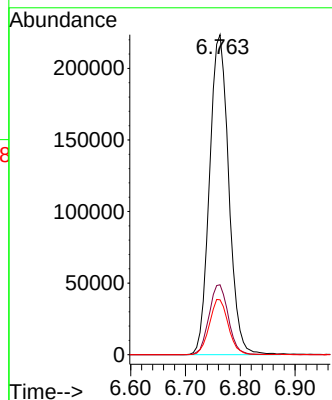
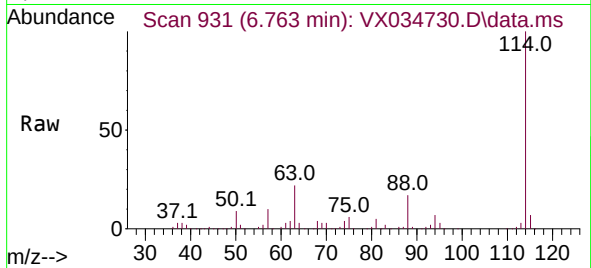




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034730.D
Acq: 24 Mar 2023 18:48

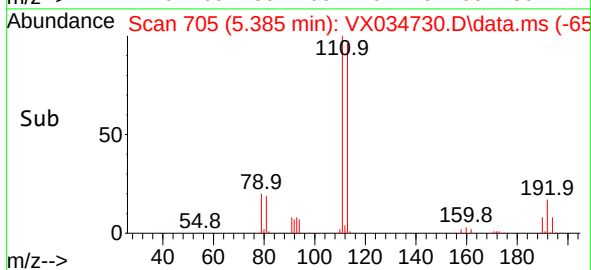
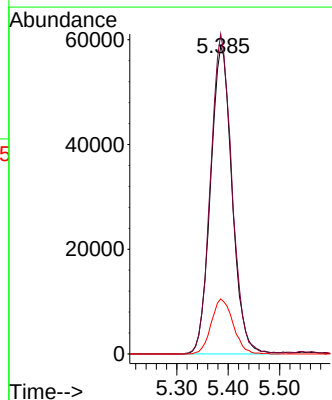
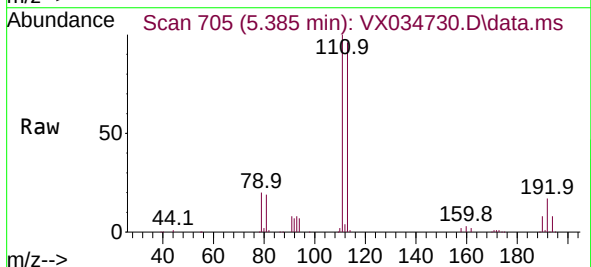
Instrument :
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ClientSampleId :
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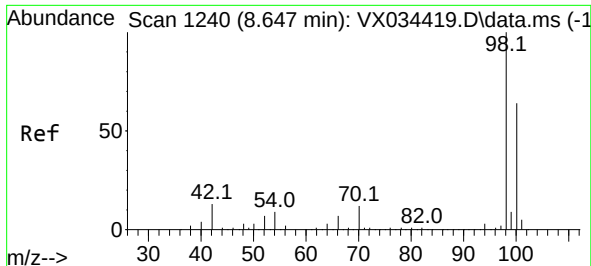
Tgt Ion:114 Resp: 542875
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 17.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034730.D
Acq: 24 Mar 2023 18:48

Tgt Ion:113 Resp: 170762
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 18.2 15.4 23.2

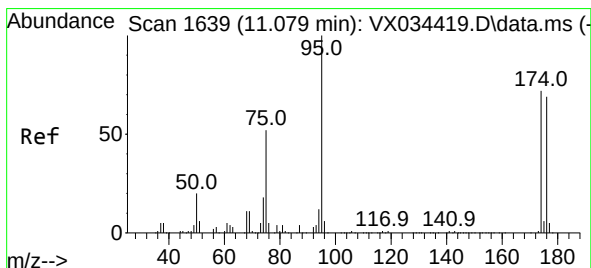
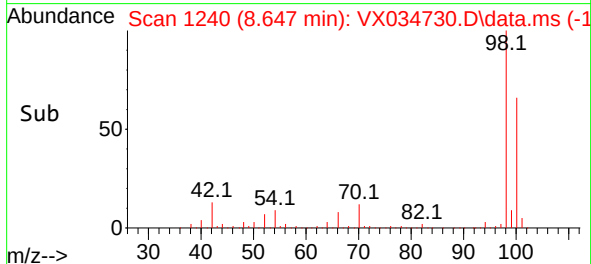
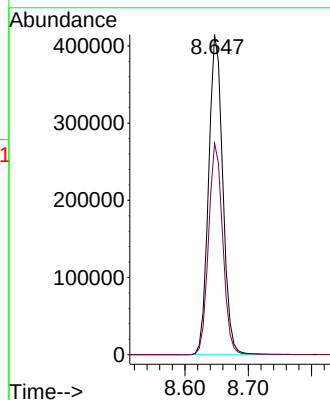
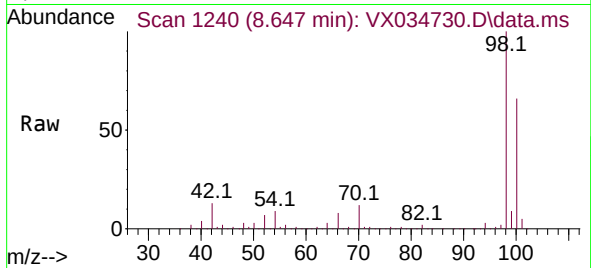




#50
Toluene-d8
Concen: 48.312 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034730.D
Acq: 24 Mar 2023 18:48

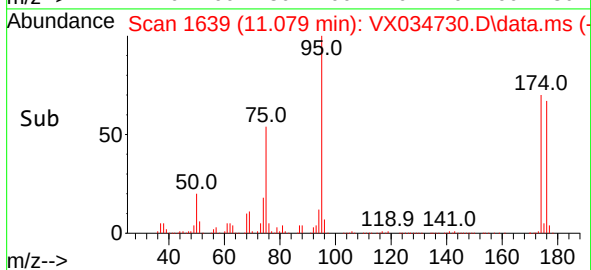
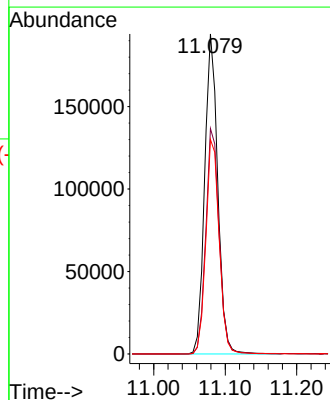
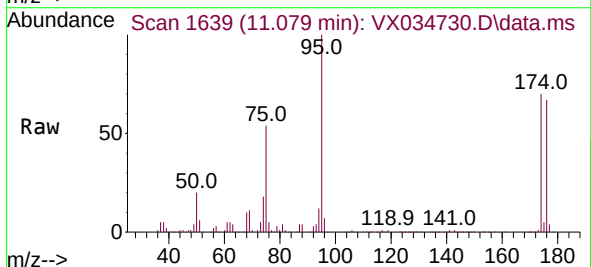
Instrument :
MSVOA_X
ClientSampleId :
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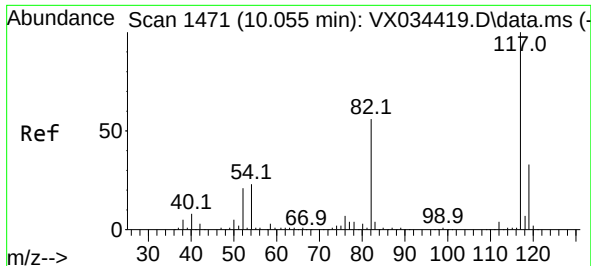
Tgt Ion: 98 Resp: 646440
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034730.D
Acq: 24 Mar 2023 18:48

Tgt Ion: 95 Resp: 246991
Ion Ratio Lower Upper
95 100
174 71.8 0.0 147.4
176 68.5 0.0 140.6

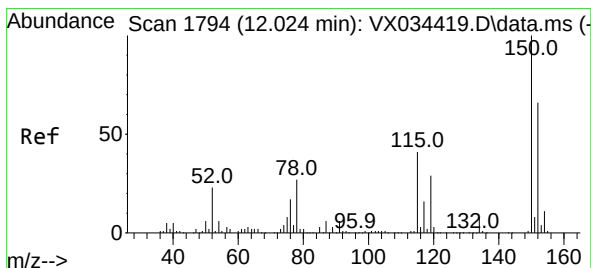
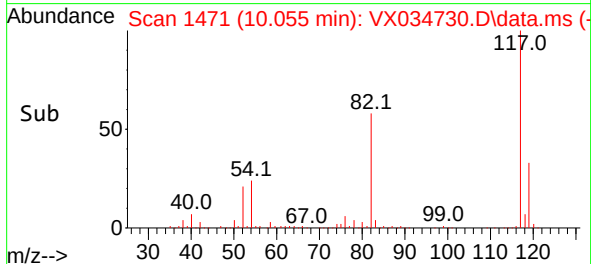
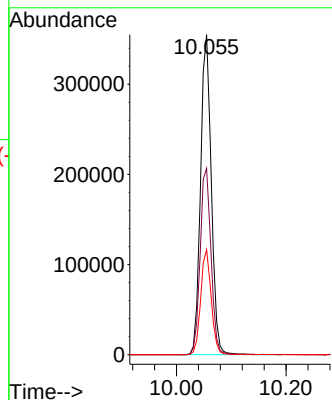
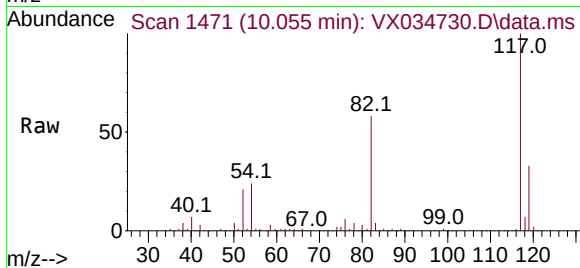




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034730.D
Acq: 24 Mar 2023 18:48

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 482919
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 32.8 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: VX034730.D
Acq: 24 Mar 2023 18:48

Tgt Ion:152 Resp: 216407
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 158.9 0.0 352.4

