

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024582.D
 Acq On : 05 Oct 2021 19:34
 Operator : JC/MD
 Sample : M4059-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SH-SUMP

Quant Time: Oct 06 06:50:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	146871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102387	49.46	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.92%
35) Dibromofluoromethane	5.398	113	86379	50.61	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.22%
50) Toluene-d8	8.653	98	314996	50.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.30%
62) 4-Bromofluorobenzene	11.086	95	105133	42.57	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.14%

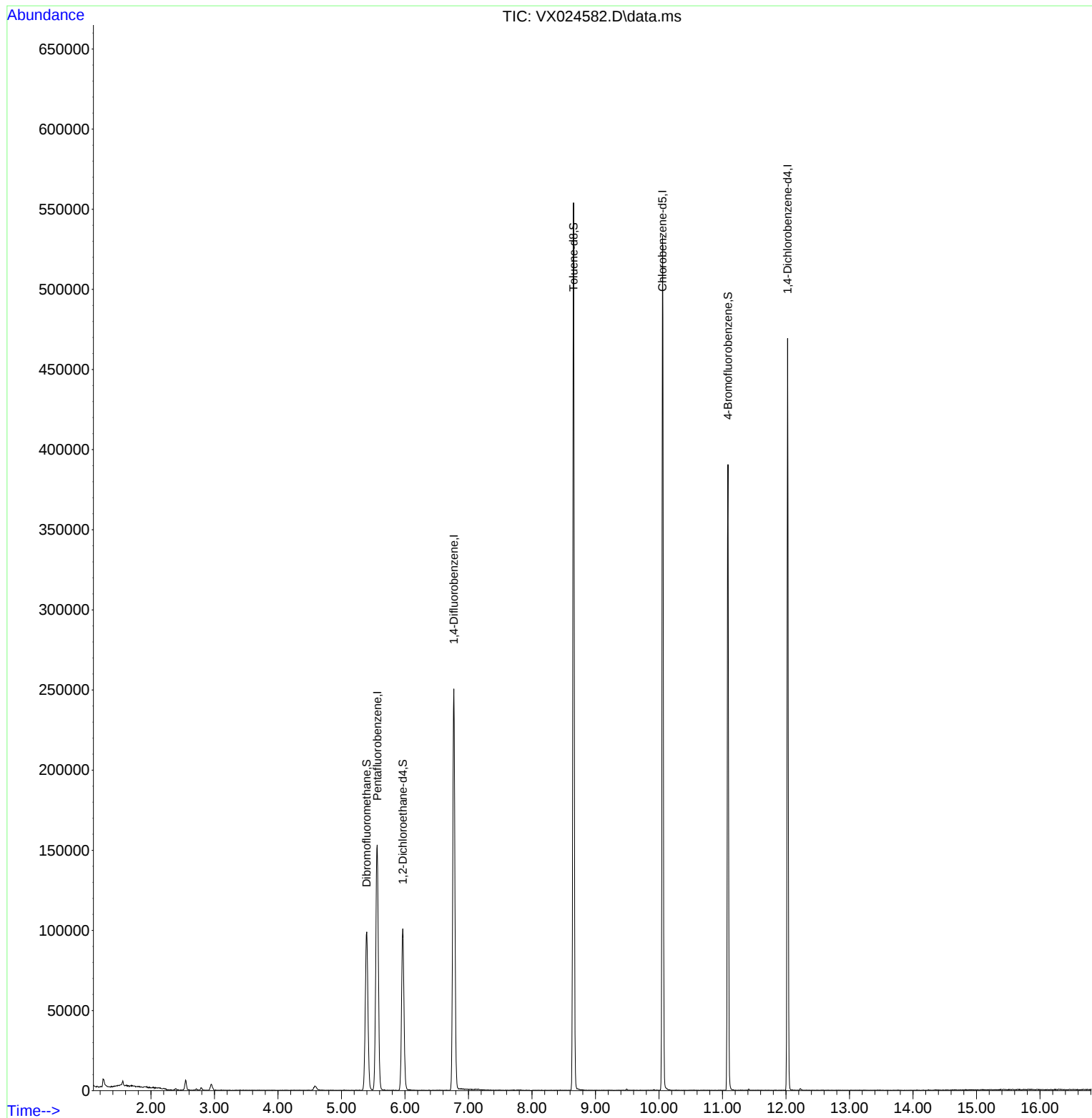
Target Compounds	Qvalue

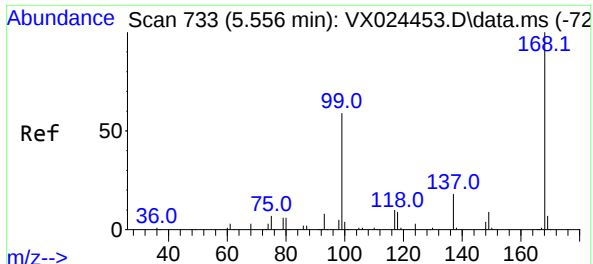
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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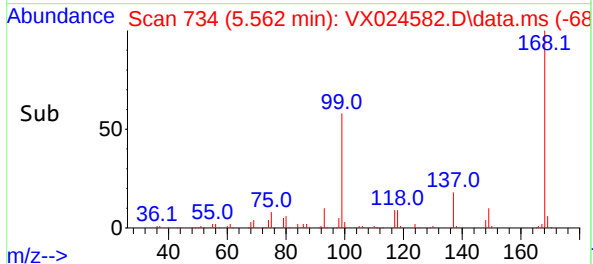
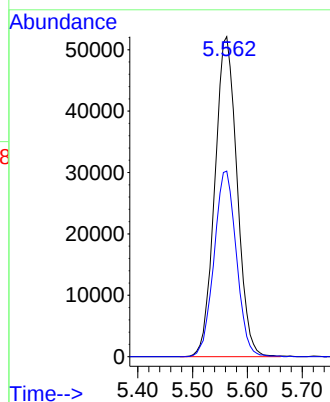
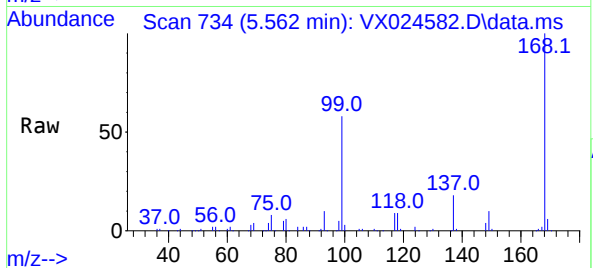




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

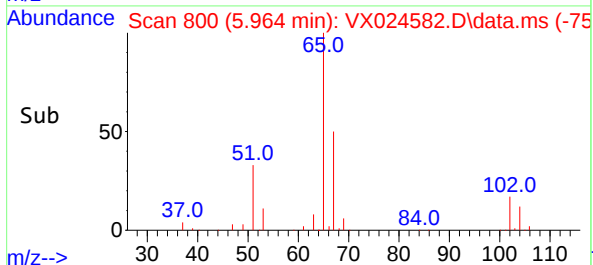
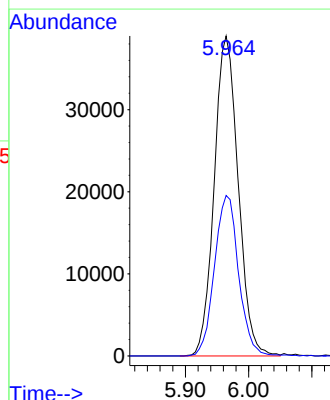
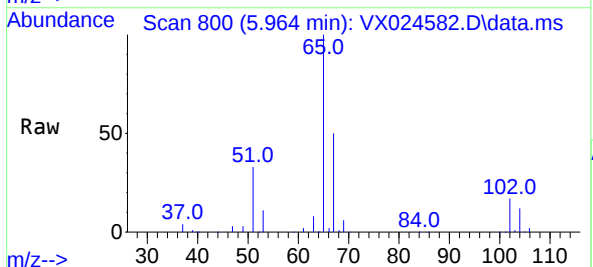
Instrument :
MSVOA_X
ClientSampled :
SH-SUMP

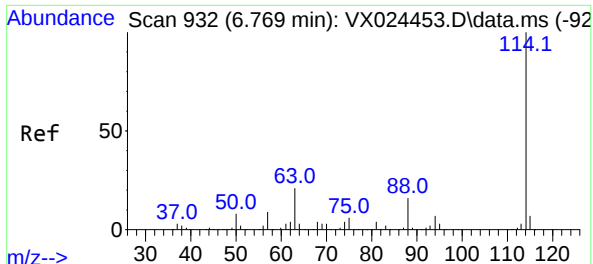
Tgt Ion:168 Resp: 146871
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 49.46 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

Tgt Ion: 65 Resp: 102387
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

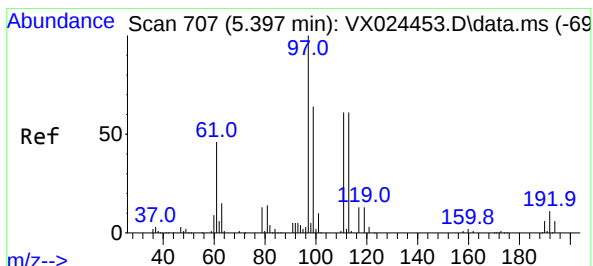
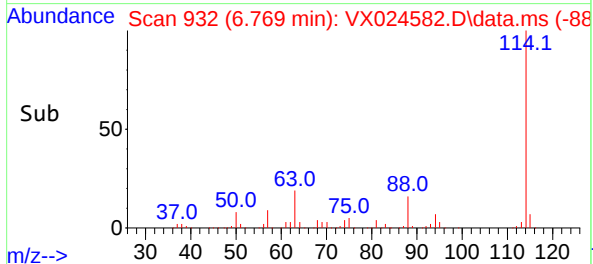
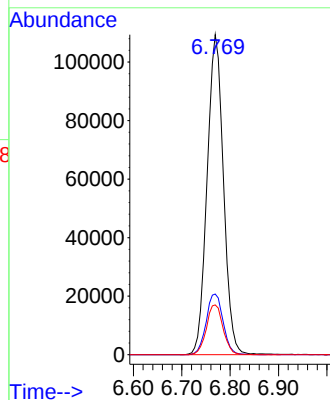
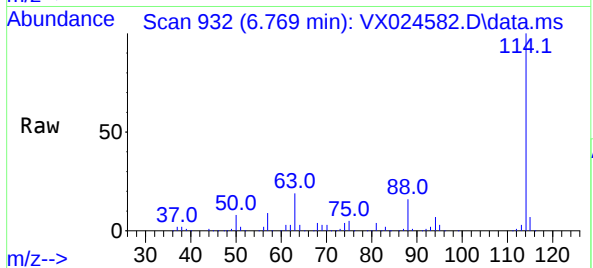




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

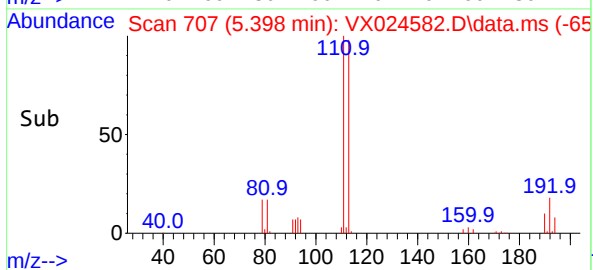
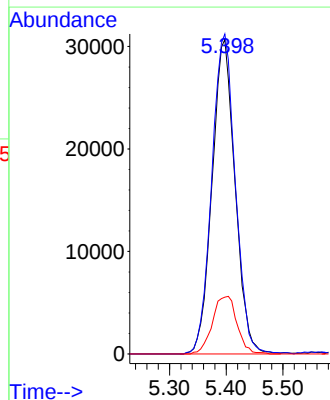
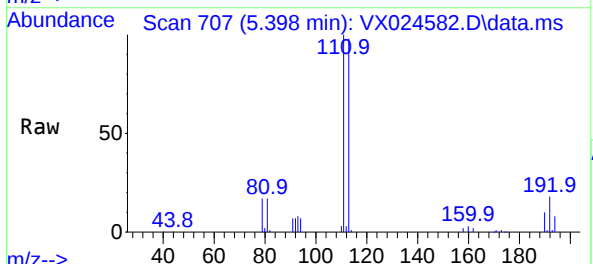
Instrument :
MSVOA_X
ClientSampleId :
SH-SUMP

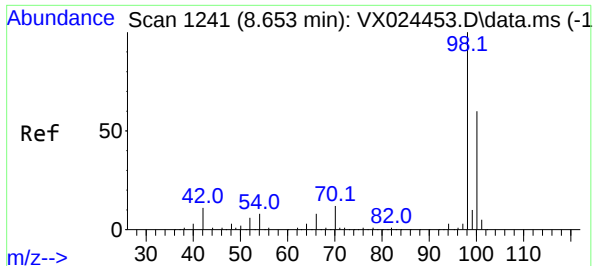
Tgt Ion:114 Resp: 256913
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.61 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

Tgt Ion:113 Resp: 86379
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 19.6 16.7 25.1

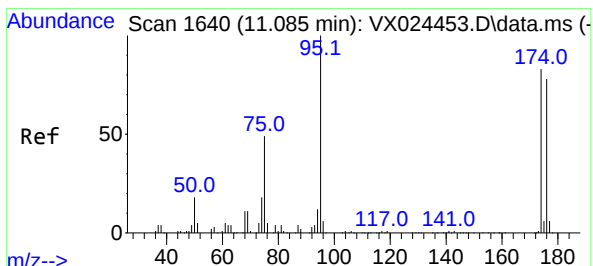
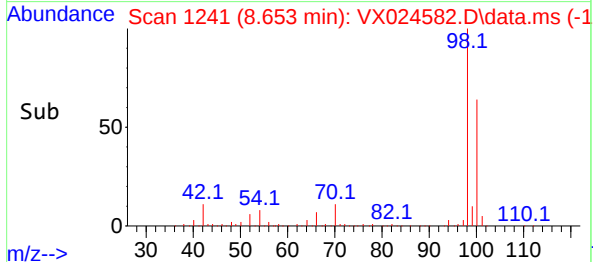
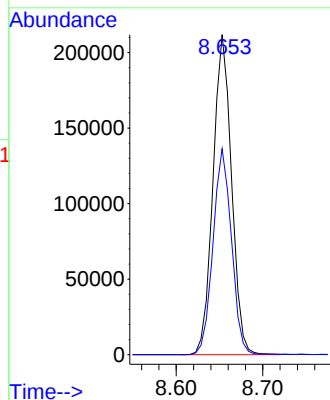
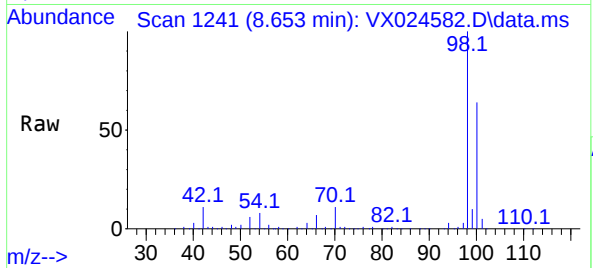




#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

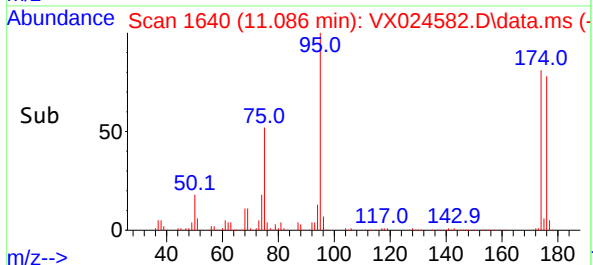
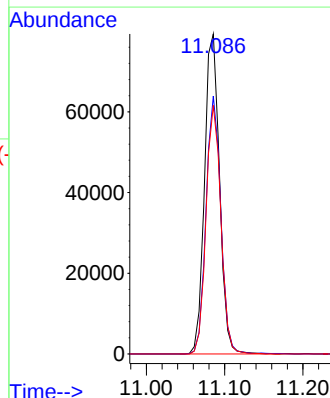
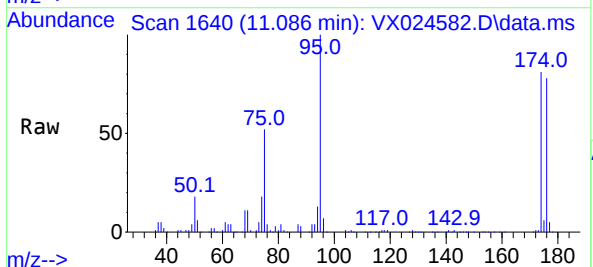
Instrument :
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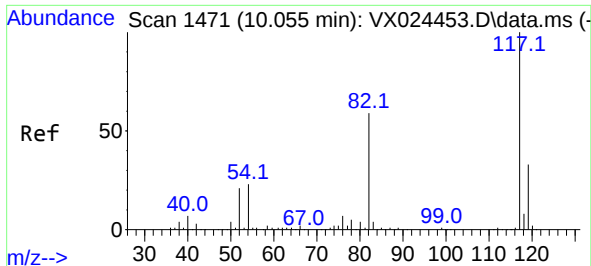
Tgt Ion: 98 Resp: 314996
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.57 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

Tgt Ion: 95 Resp: 105133
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.8 0.0 155.8

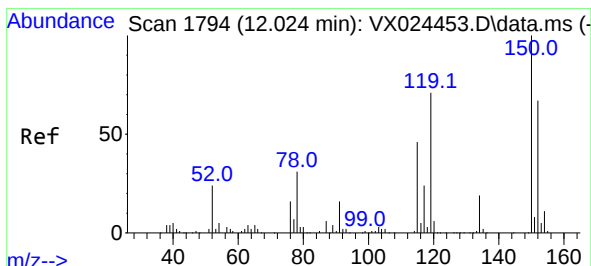
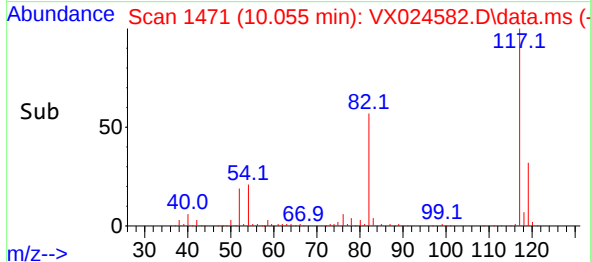
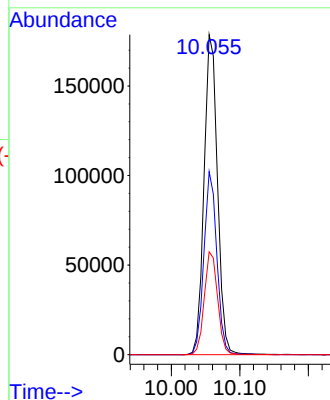
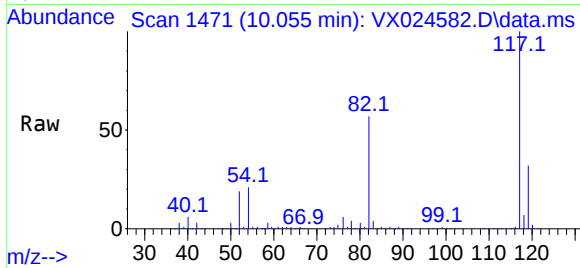




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

Instrument :
MSVOA_X
ClientSampleId :
SH-SUMP

Tgt Ion:117 Resp: 244105
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024582.D
Acq: 05 Oct 2021 19:34

Tgt Ion:152 Resp: 95760
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 155.6 0.0 349.0

