

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024264.D
 Acq On : 15 Sep 2021 16:37
 Operator : JC/MD
 Sample : M3724-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33130

Quant Time: Sep 16 04:45:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	130935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98332	52.666	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.340%
35) Dibromofluoromethane	5.397	113	76657	50.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	8.653	98	281837	50.621	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.240%
62) 4-Bromofluorobenzene	11.085	95	89532	41.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.640%#

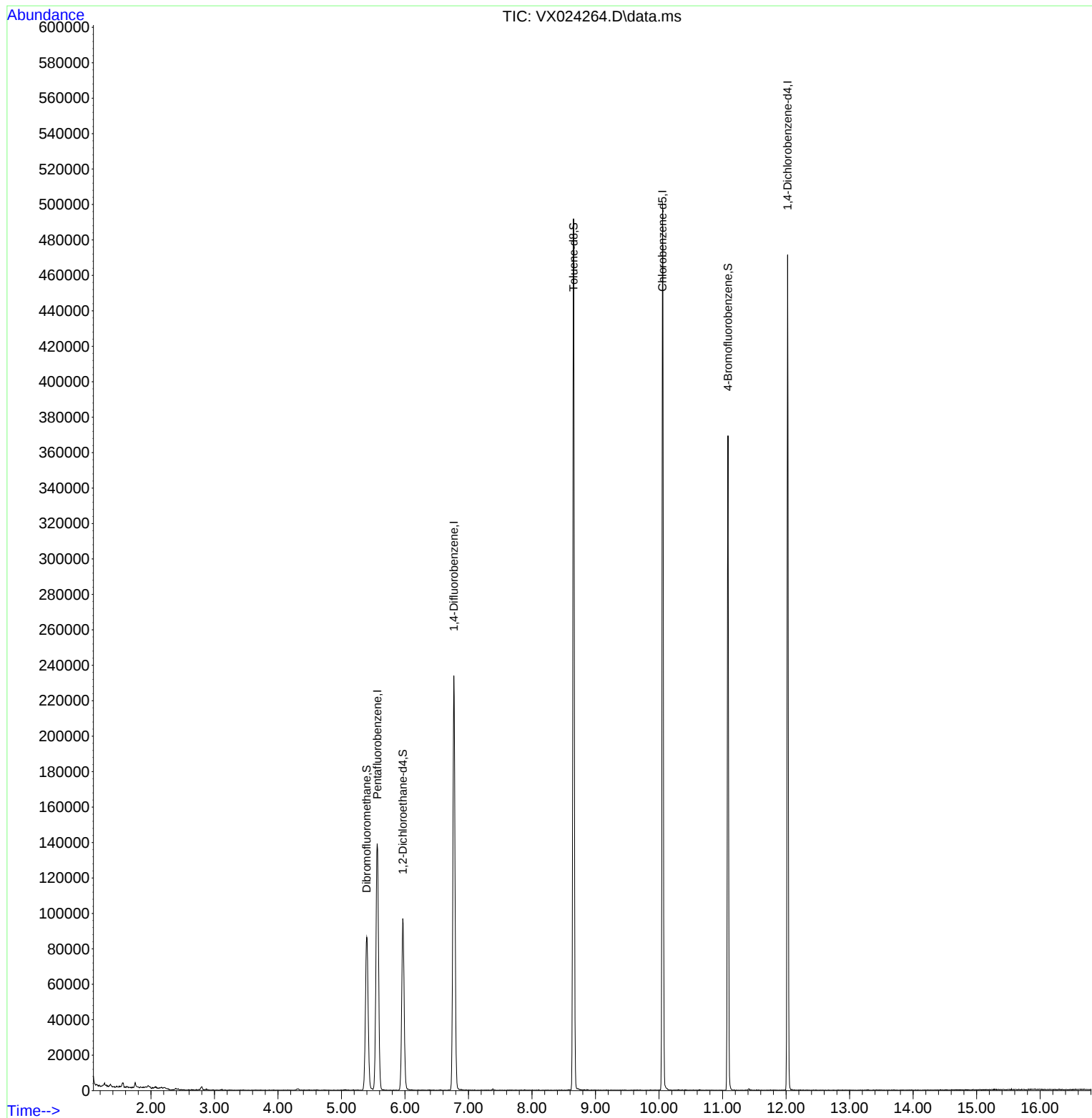
Target Compounds	Qvalue

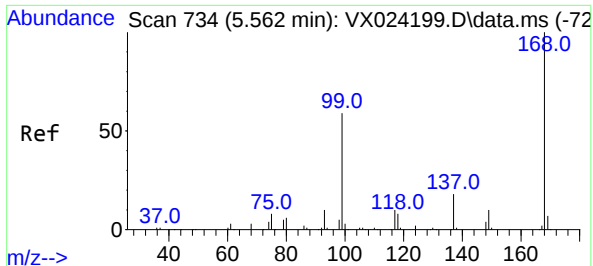
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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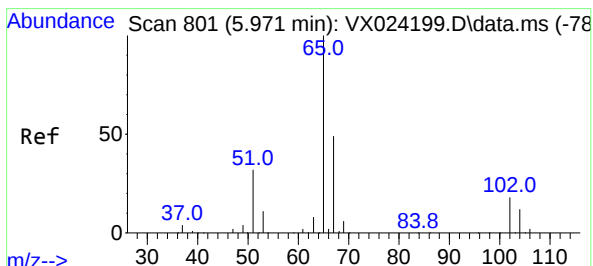
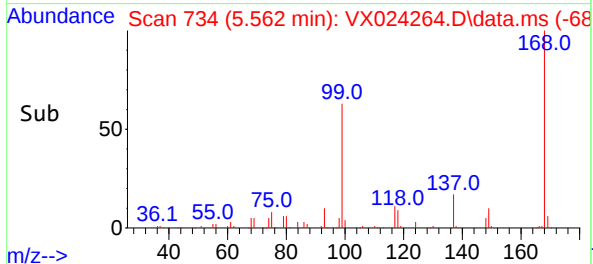
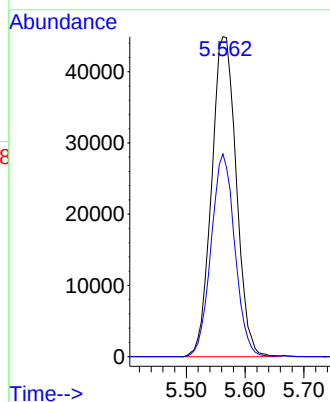
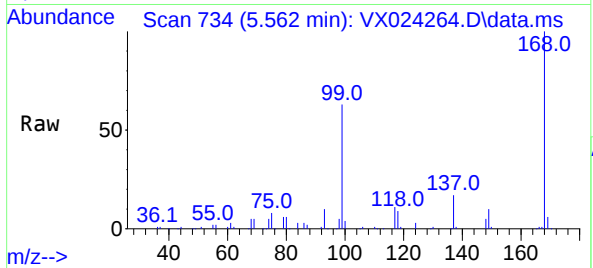




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

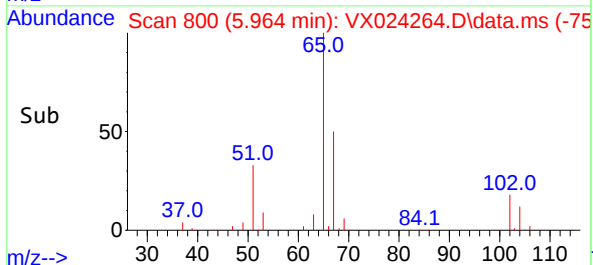
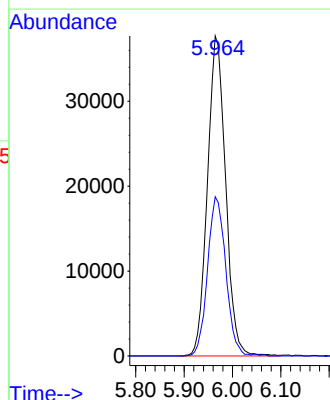
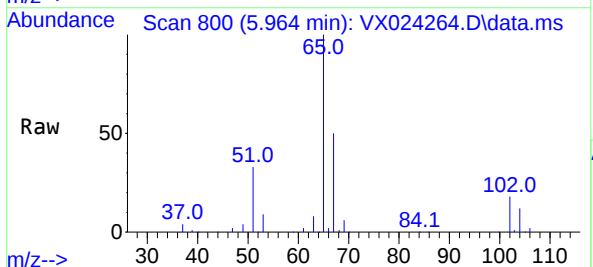
Instrument :
MSVOA_X
ClientSampleId :
33130

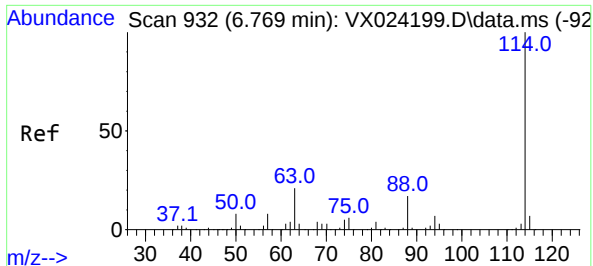
Tgt Ion:168 Resp: 130935
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 52.666 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 65 Resp: 98332
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

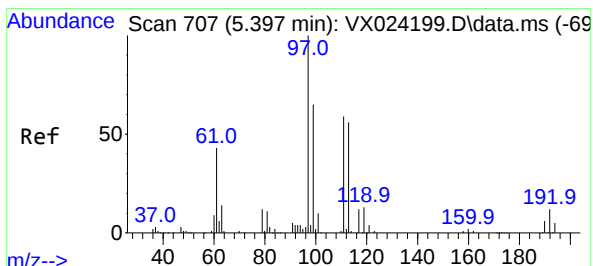
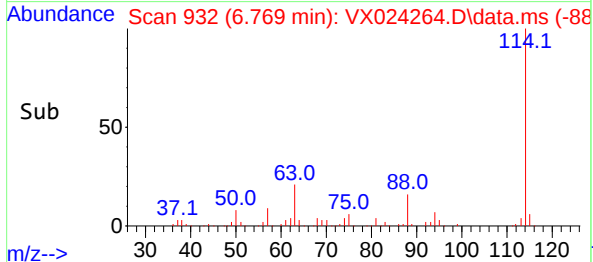
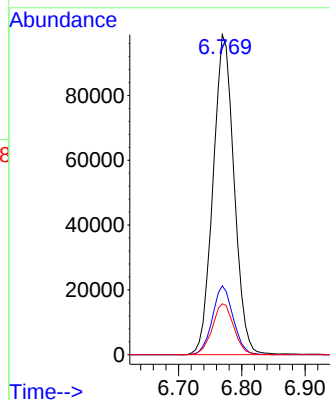
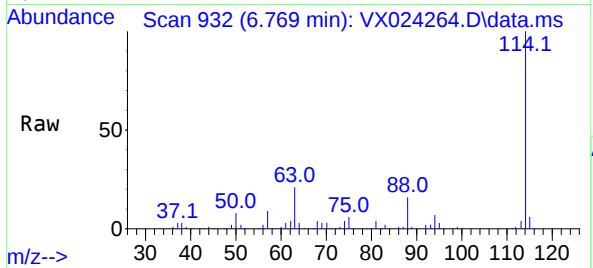




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

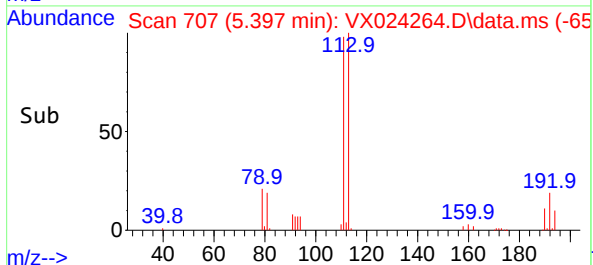
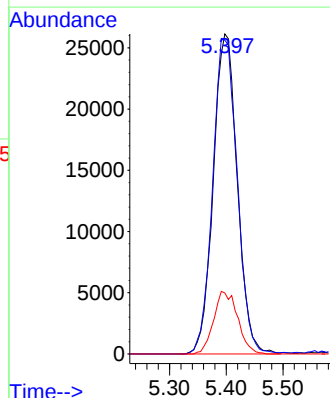
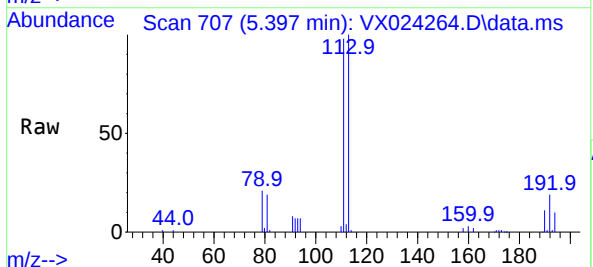
Instrument :
MSVOA_X
ClientSampled :
33130

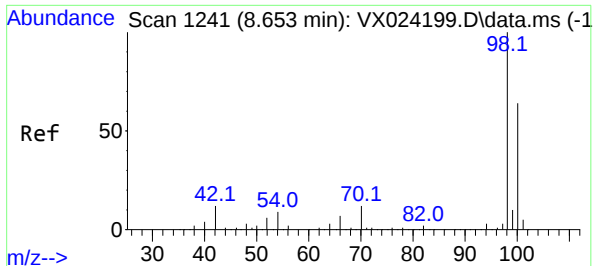
Tgt Ion:114 Resp: 227887
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.158 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion:113 Resp: 76657
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 19.6 16.7 25.1

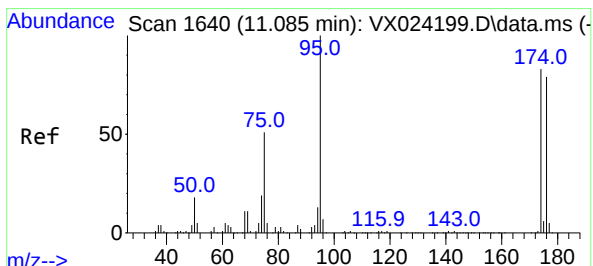
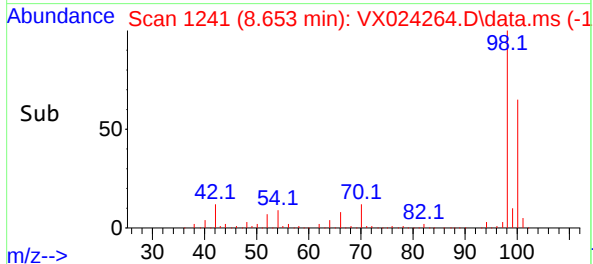
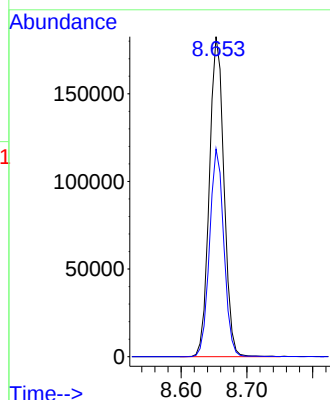
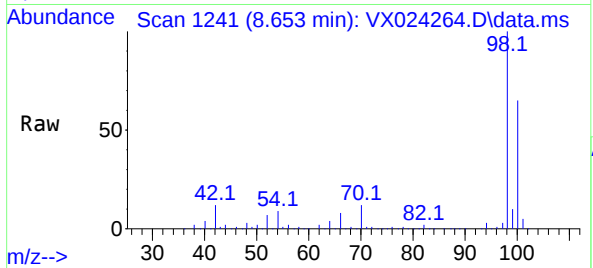




#50
Toluene-d8
Concen: 50.621 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

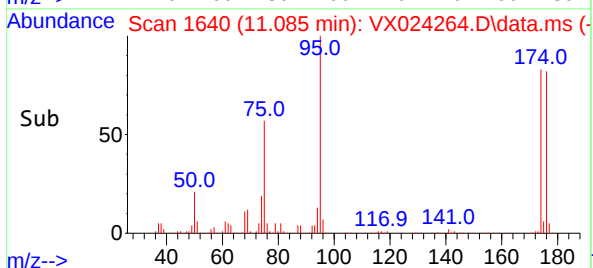
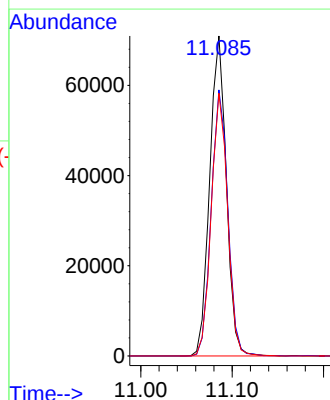
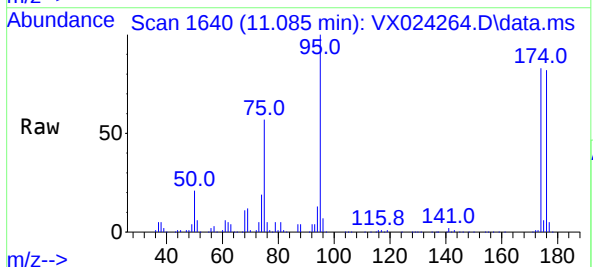
Instrument :
MSVOA_X
ClientSampled :
33130

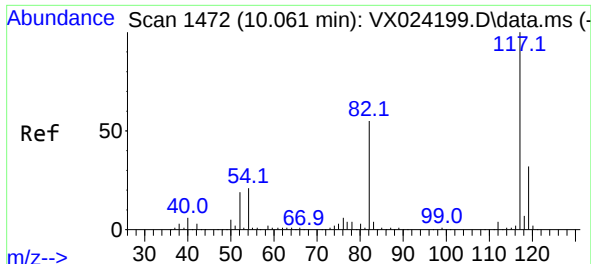
Tgt Ion: 98 Resp: 281837
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.322 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion: 95 Resp: 89532
Ion Ratio Lower Upper
95 100
174 83.2 0.0 154.6
176 80.9 0.0 155.8

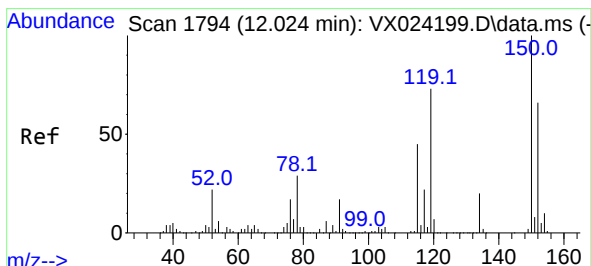
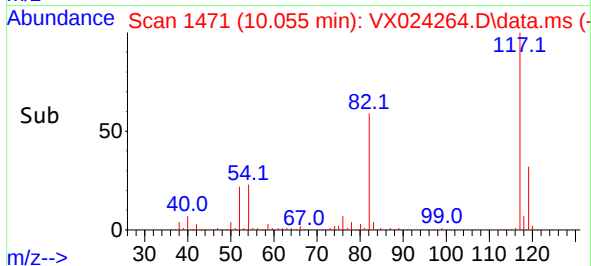
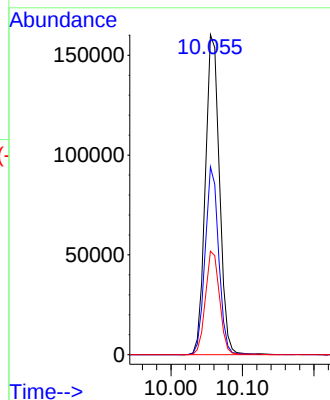
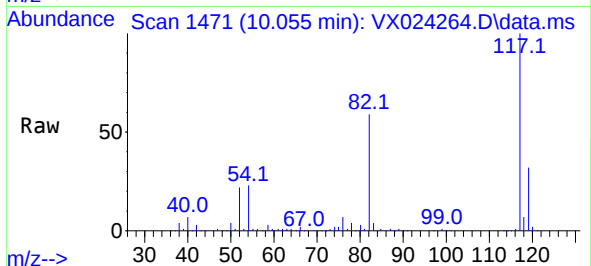




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Instrument :
MSVOA_X
ClientSampled :
33130

Tgt Ion:117 Resp: 220725
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024264.D
Acq: 15 Sep 2021 16:37

Tgt Ion:152 Resp: 94722
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 154.9 0.0 349.0

