

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024100.D
 Acq On : 03 Sep 2021 14:18
 Operator : JC/MD
 Sample : M3646-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 93-94

Quant Time: Sep 04 01:29:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	132519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	209280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95361	51.559	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.120%
35) Dibromofluoromethane	5.397	113	73023	49.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	8.653	98	268558	47.998	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	11.085	95	97232	47.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.420%

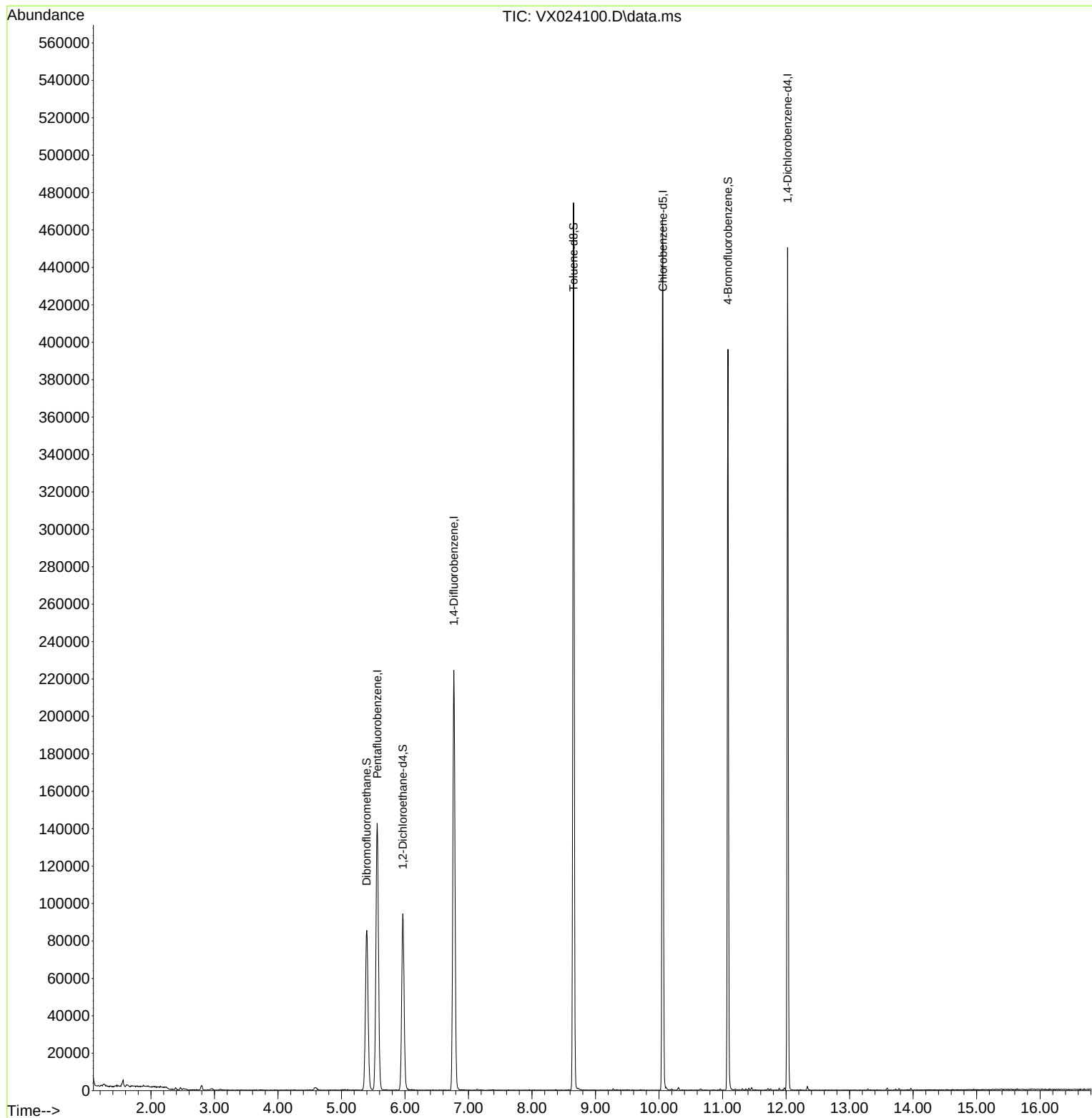
Target Compounds	Qvalue

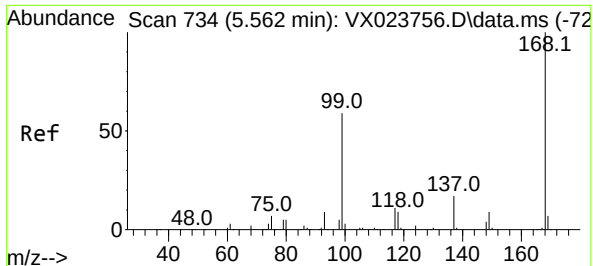
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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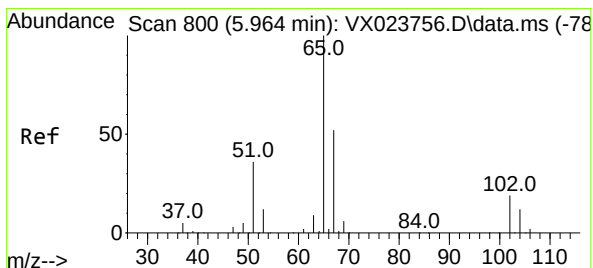
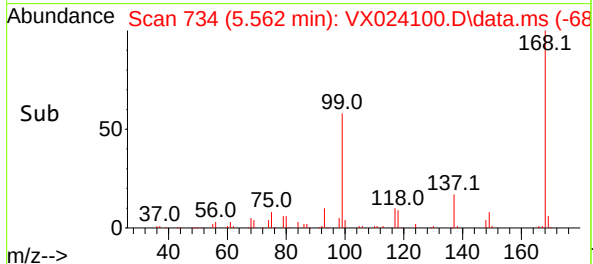
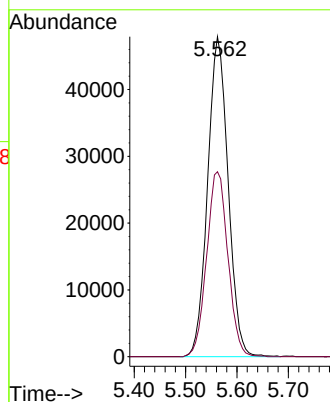
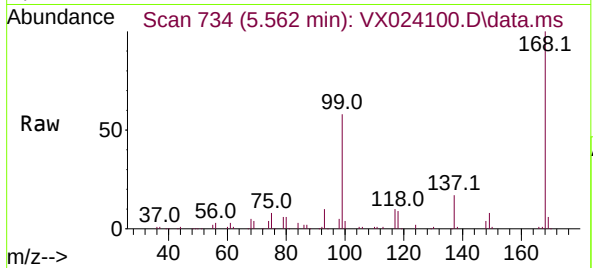




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

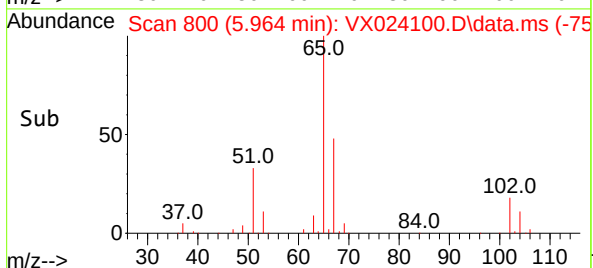
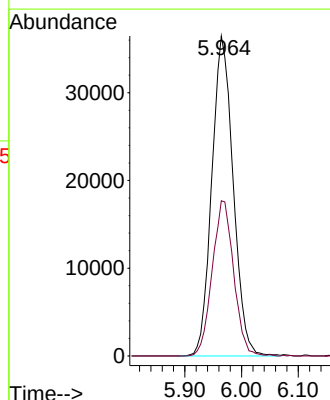
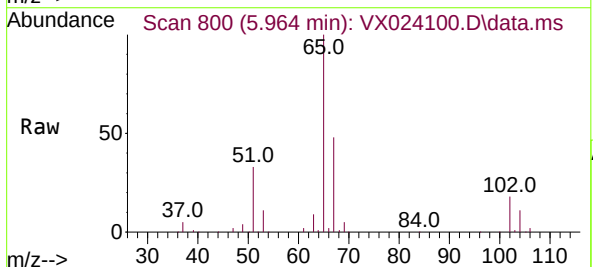
Instrument :
MSVOA_X
ClientSampled :
93-94

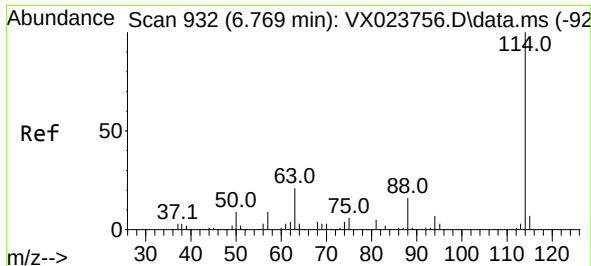
Tgt Ion:168 Resp: 132519
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 51.559 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion: 65 Resp: 95361
Ion Ratio Lower Upper
65 100
67 48.7 0.0 105.4

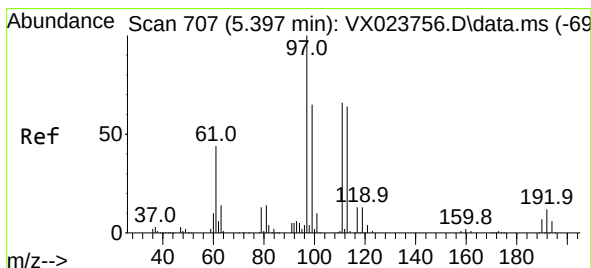
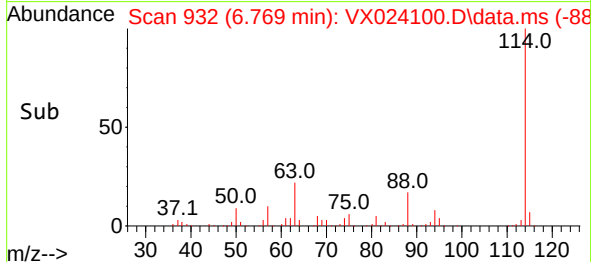
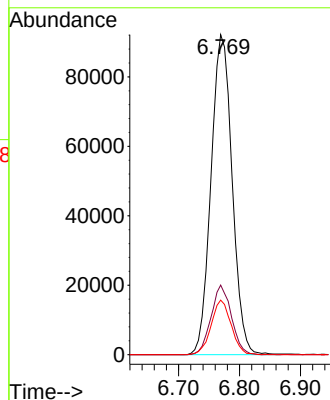
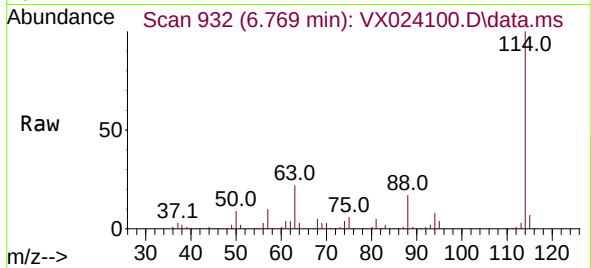




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

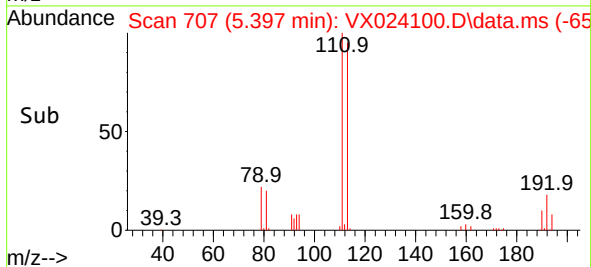
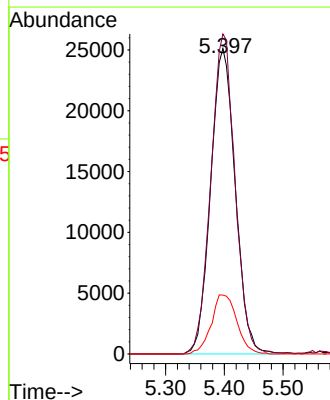
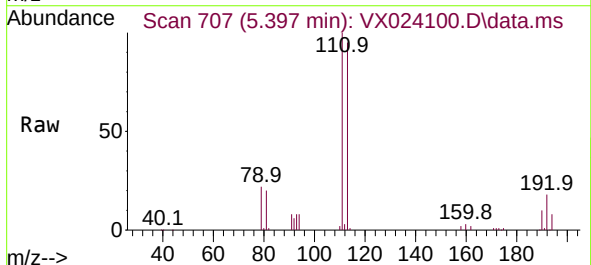
Instrument :
MSVOA_X
ClientSampled :
93-94

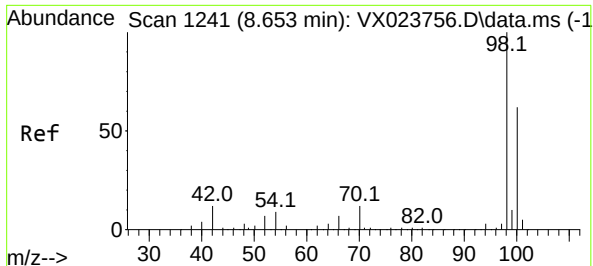
Tgt Ion:114 Resp: 222106
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.673 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion:113 Resp: 73023
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.1 16.7 25.1

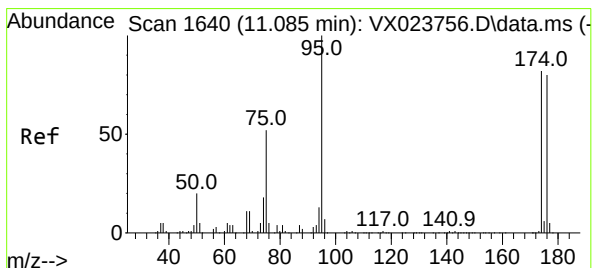
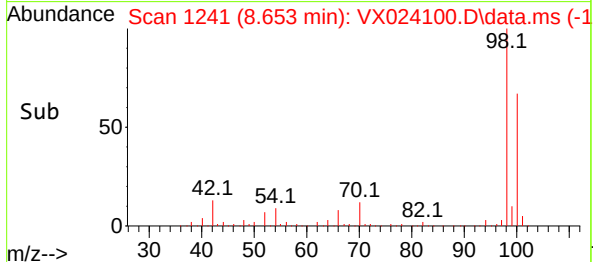
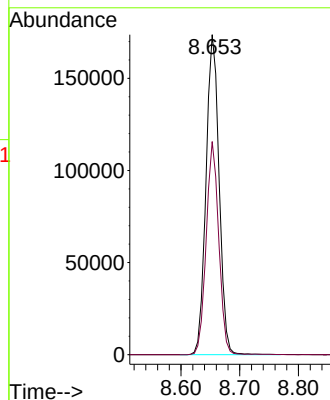
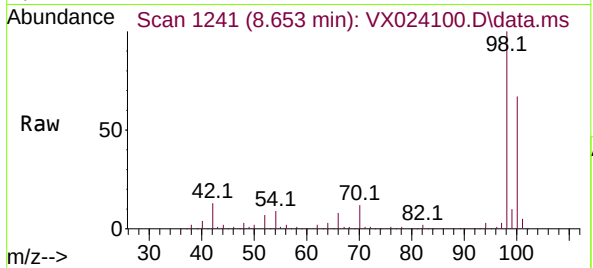




#50
Toluene-d8
Concen: 47.998 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

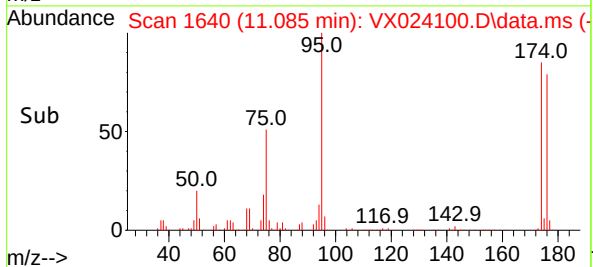
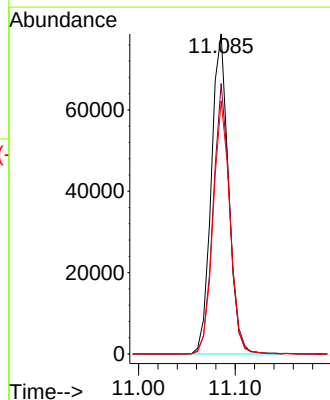
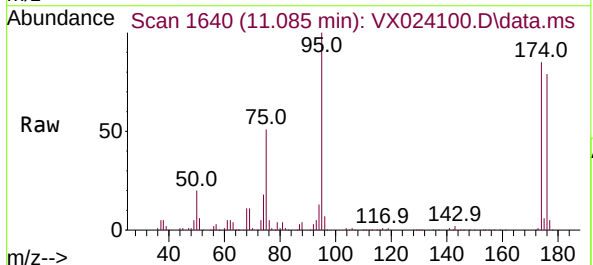
Instrument :
MSVOA_X
ClientSampleId :
93-94

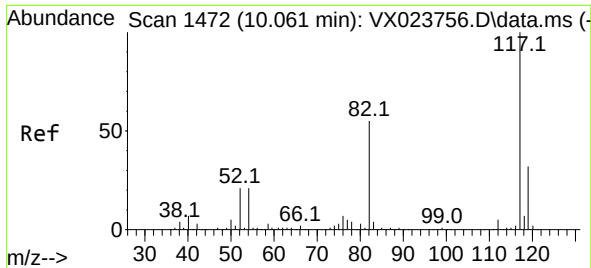
Tgt Ion: 98 Resp: 268558
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.206 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion: 95 Resp: 97232
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 77.4 0.0 155.8

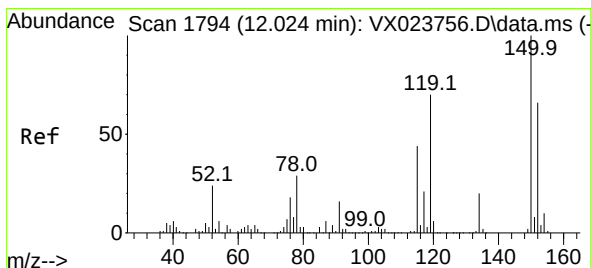
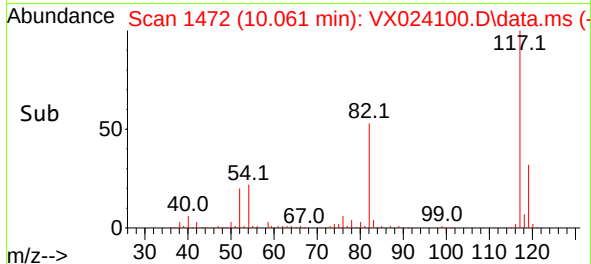
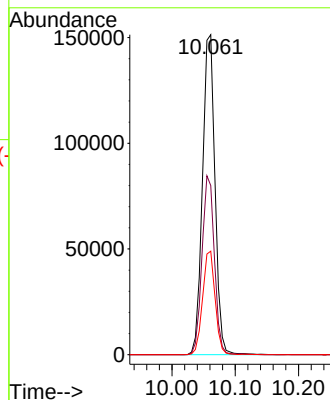
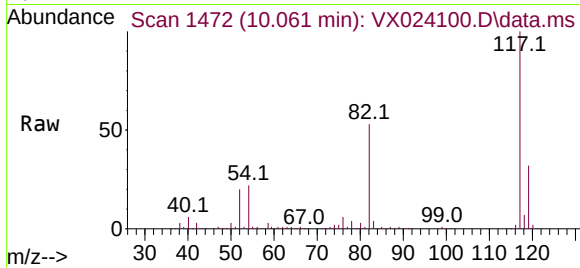




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024100.D
Acq: 03 Sep 2021 14:18

Instrument :
MSVOA_X
ClientSampled :
93-94

Tgt Ion:117 Resp: 209280
Ion Ratio Lower Upper
117 100
82 52.8 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: VX024100.D
Acq: 03 Sep 2021 14:18

Tgt Ion:152 Resp: 87600
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 157.9 0.0 349.0

