

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023706.D
 Acq On : 13 Aug 2021 22:30
 Operator : JC/MD
 Sample : VX0813WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL02

Quant Time: Aug 14 05:31:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	148655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105034	56.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.280%	
35) Dibromofluoromethane	5.397	113	83236	51.440	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.880%	
50) Toluene-d8	8.653	98	314618	52.921	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	11.085	95	105543	52.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.420%	

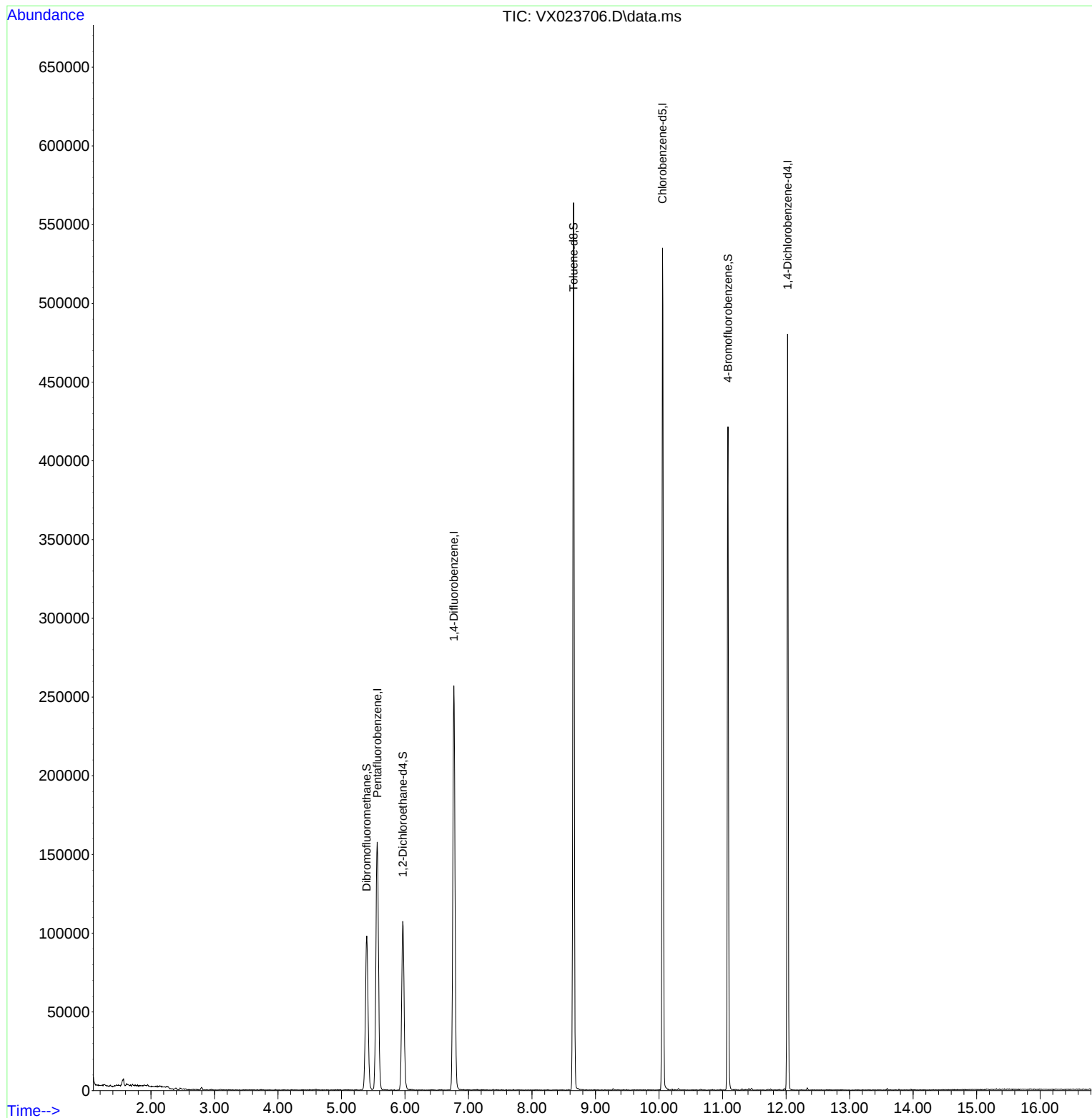
Target Compounds	Qvalue

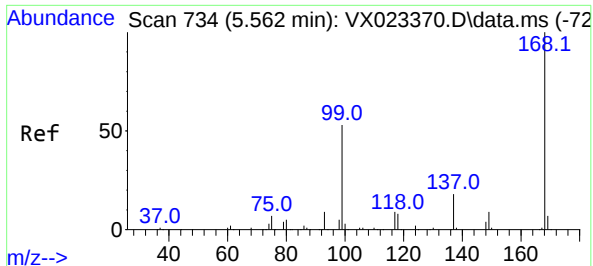
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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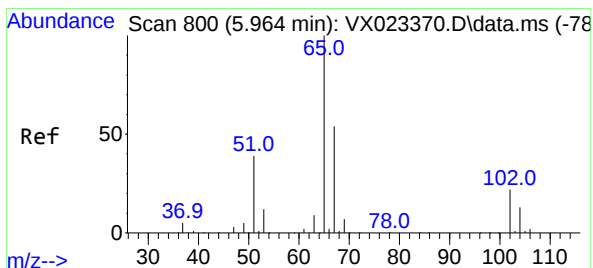
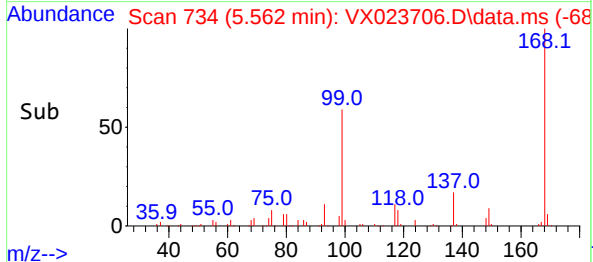
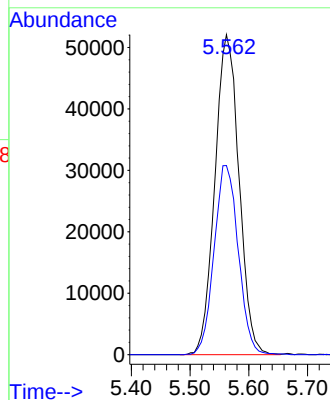
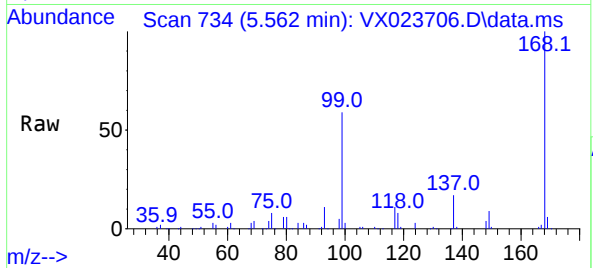




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

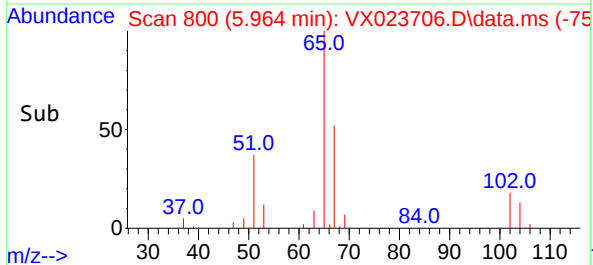
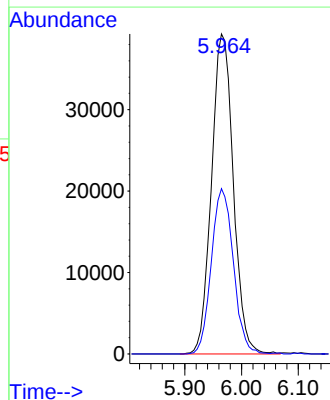
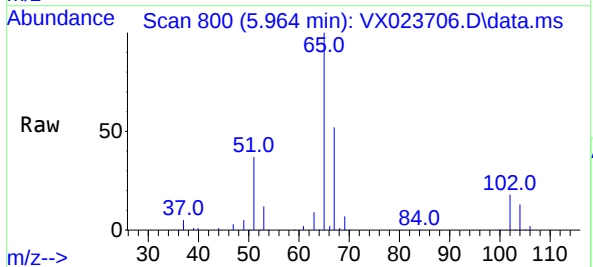
Instrument :
MSVOA_X
ClientSampled :
VX0813WBL02

Tgt Ion:168 Resp: 148655
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6

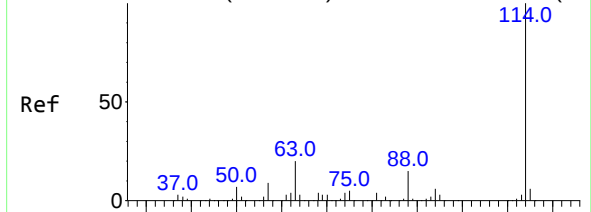


#33
1,2-Dichloroethane-d4
Concen: 56.642 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion: 65 Resp: 105034
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

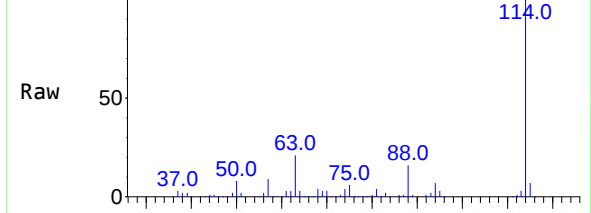


Abundance Scan 932 (6.769 min): VX023370.D\data.ms (-92



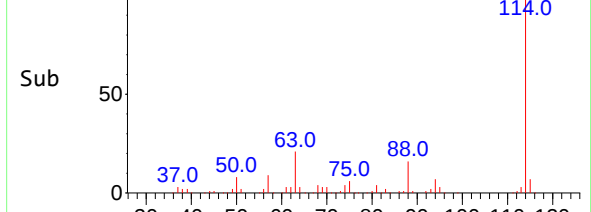
m/z-->

Abundance Scan 932 (6.769 min): VX023706.D\data.ms



m/z-->

Abundance Scan 932 (6.769 min): VX023706.D\data.ms (-88



m/z-->

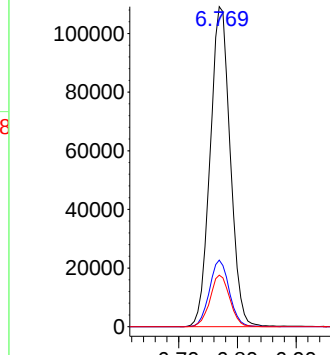
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion:114 Resp: 258799

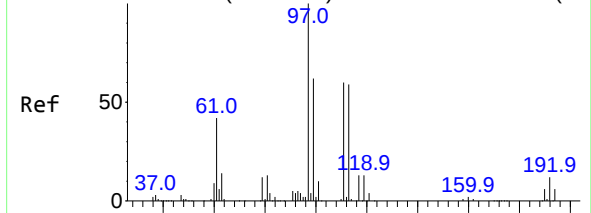
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	16.1	0.0	32.8

Abundance



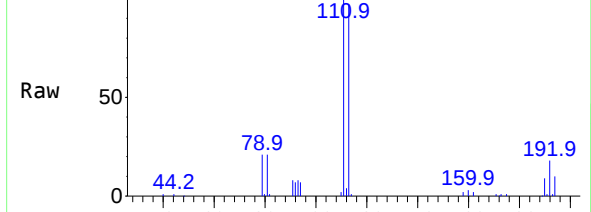
Time-->

Abundance Scan 707 (5.397 min): VX023370.D\data.ms (-69



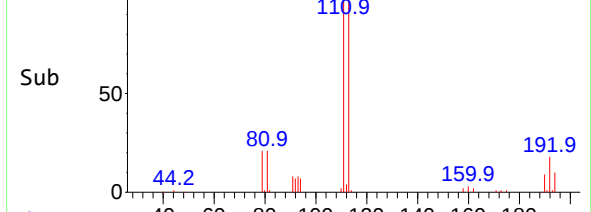
m/z-->

Abundance Scan 707 (5.397 min): VX023706.D\data.ms



m/z-->

Abundance Scan 707 (5.397 min): VX023706.D\data.ms (-65



m/z-->

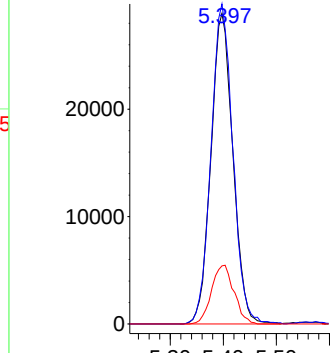
#35

Dibromofluoromethane
Concen: 51.440 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion:113 Resp: 83236

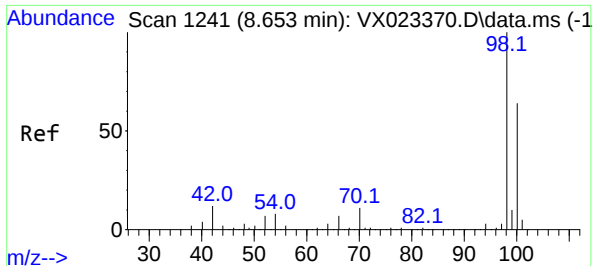
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	19.3	16.7	25.1

Abundance



Time-->

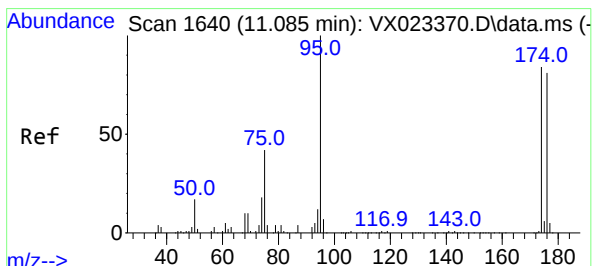
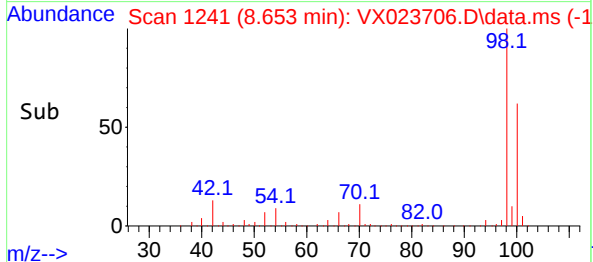
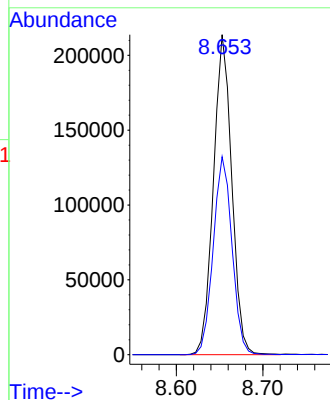
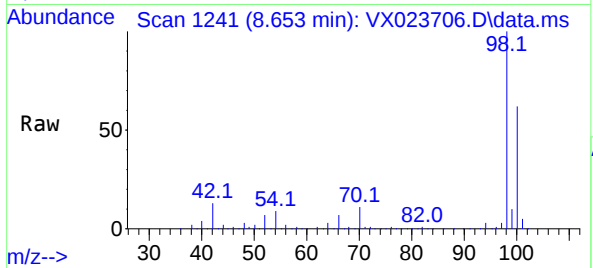
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL02



#50
Toluene-d8
Concen: 52.921 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

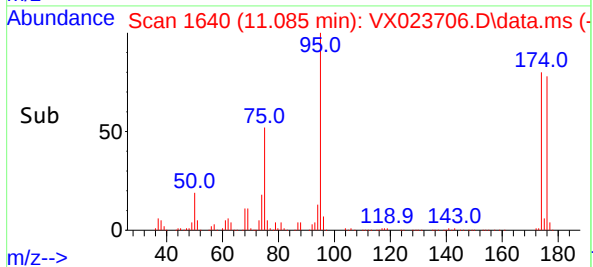
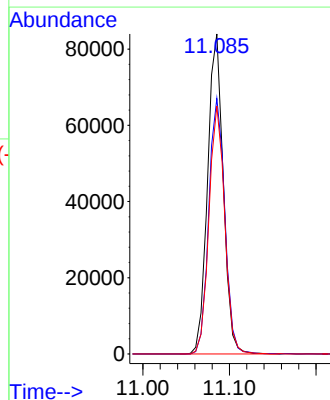
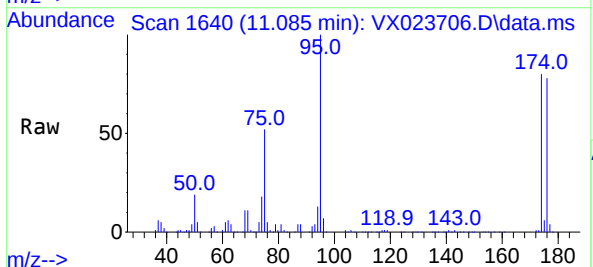
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL02

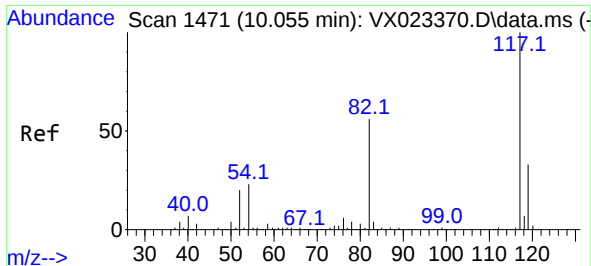
Tgt Ion: 98 Resp: 314618
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.209 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion: 95 Resp: 105543
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 77.8 0.0 155.8

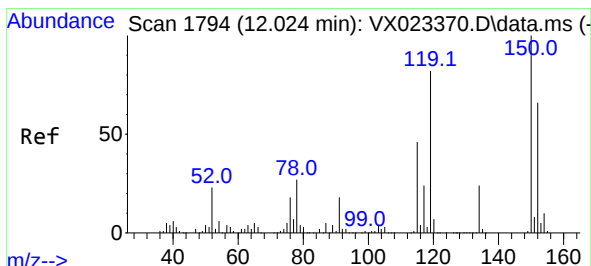
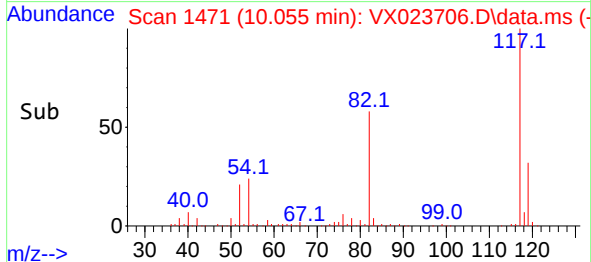
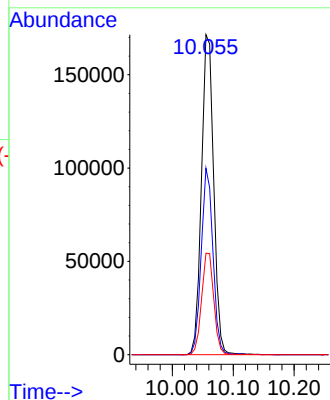
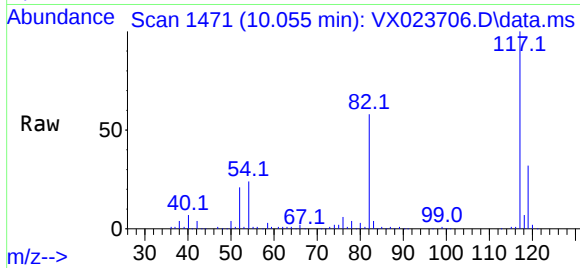




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023706.D
Acq: 13 Aug 2021 22:30

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL02

Tgt Ion:117 Resp: 239568
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.7 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: VX023706.D
Acq: 13 Aug 2021 22:30

Tgt Ion:152 Resp: 94676
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 158.0 0.0 349.0

