

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020327.D
 Acq On : 23 Dec 2020 10:37
 Operator : JC/MD
 Sample : VX1223MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MECH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBL01

Quant Time: Dec 24 00:13:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820w.M
 Quant Title : Sw846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	280173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	470251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	435789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188832	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	182290	48.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.08%
35) Dibromofluoromethane	5.458	113	146699	48.77	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.54%
50) Toluene-d8	8.696	98	568865	49.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.26%
62) 4-Bromofluorobenzene	11.116	95	207646	46.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.70%

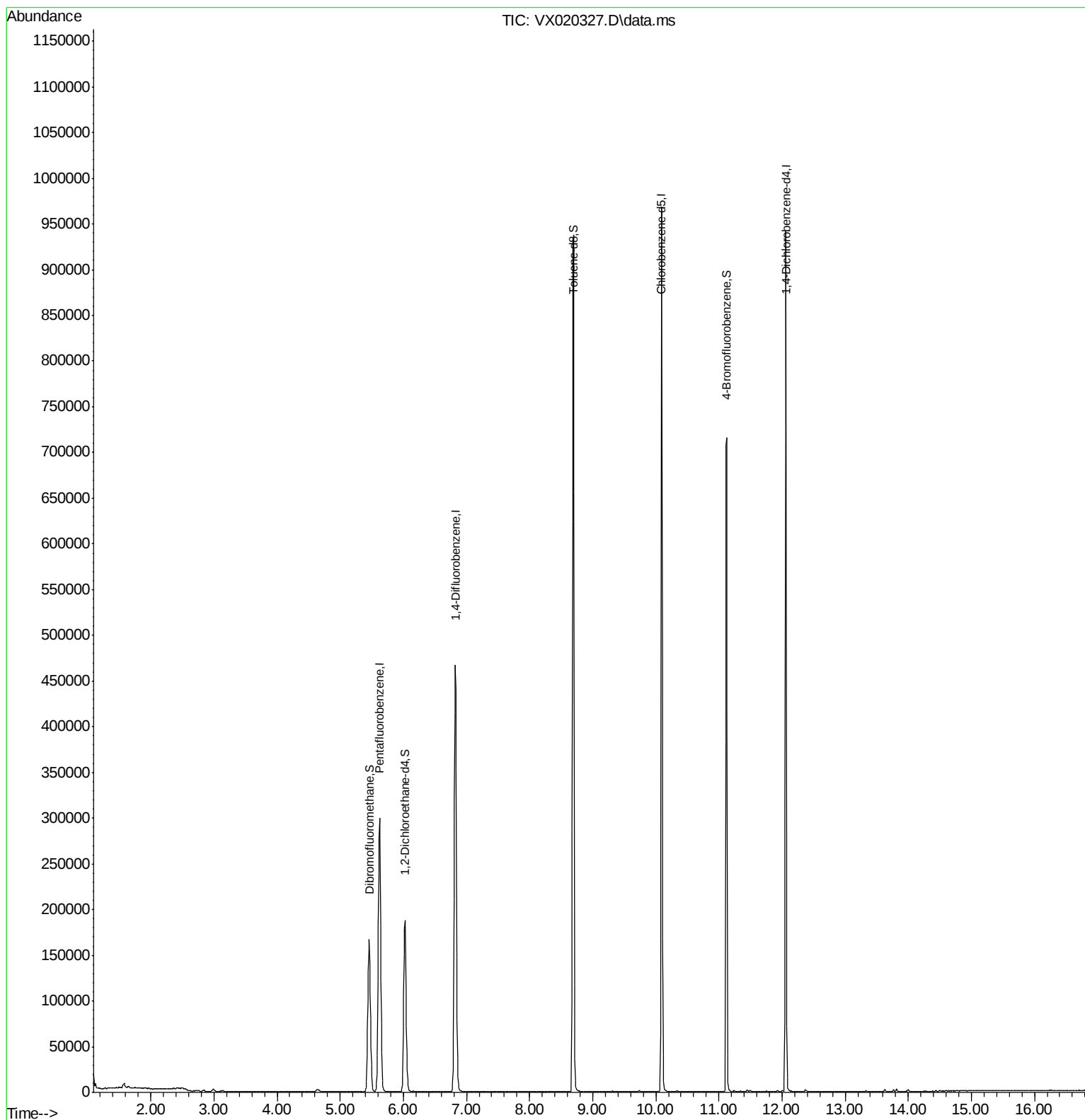
Target Compounds	Qvalue

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

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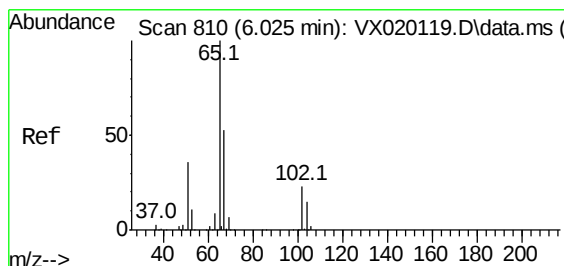
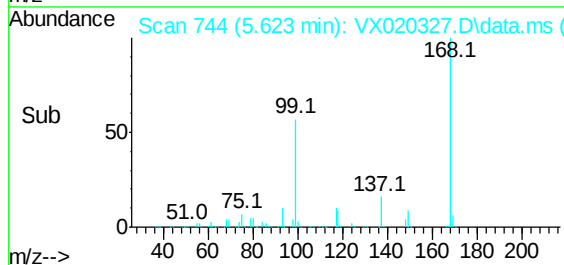
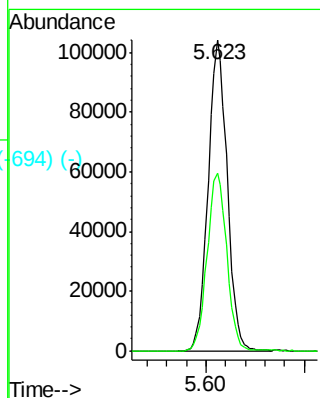
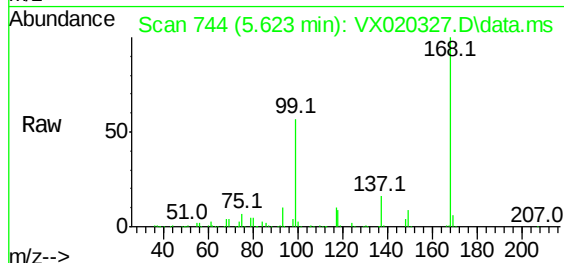




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.623 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VX020327.D
 Acq: 23 Dec 2020 10:37

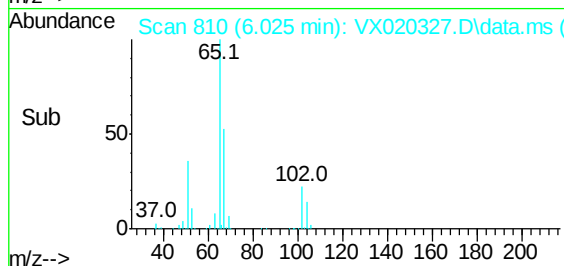
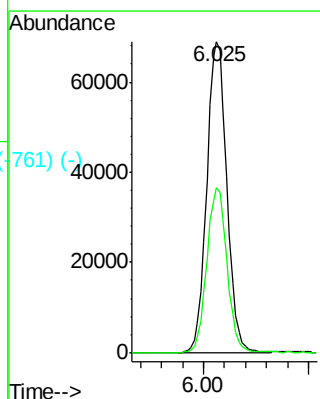
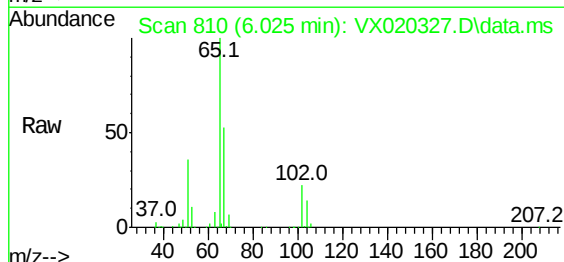
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBL01

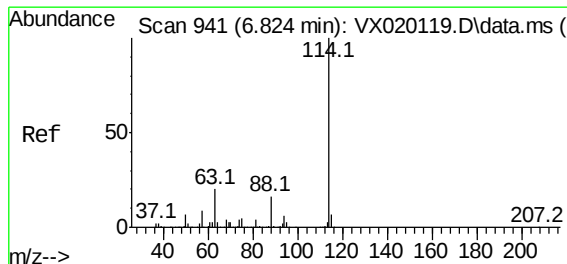
Tgt Ion:168 Resp: 280173
 Ion Ratio Lower Upper
 168 100
 99 57.1 45.8 68.6



1,2-Dichloroethane-d4
 Concen: 48.54 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020327.D
 Acq: 23 Dec 2020 10:37

Tgt Ion: 65 Resp: 182290
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.4

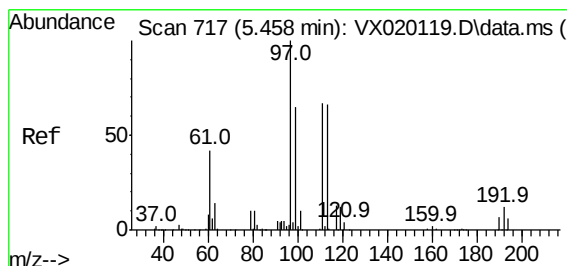
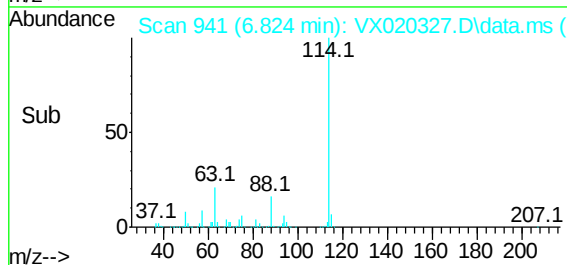
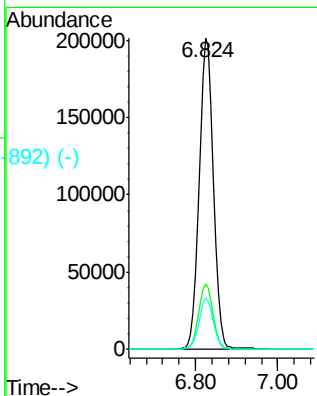
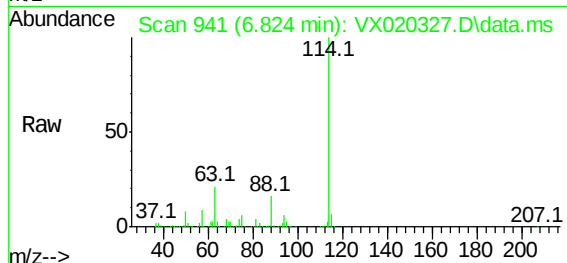




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

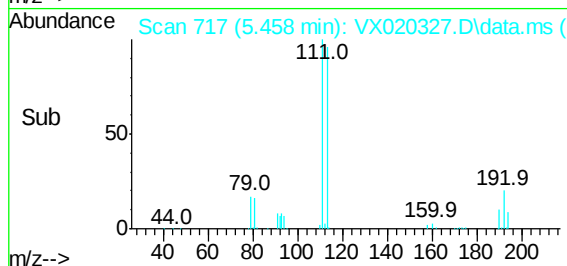
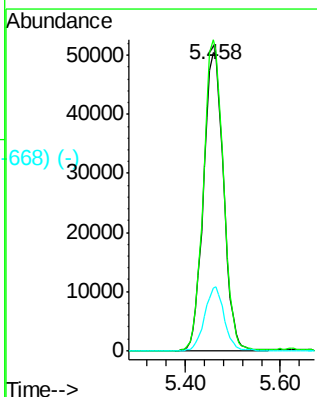
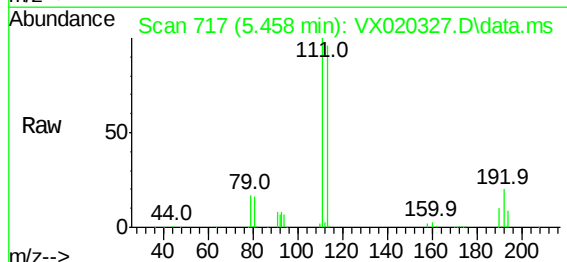
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

Tgt Ion:	114	Resp:	470251
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.8
88	16.4	0.0	32.8



Dibromofluoromethane
Concen: 48.77 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

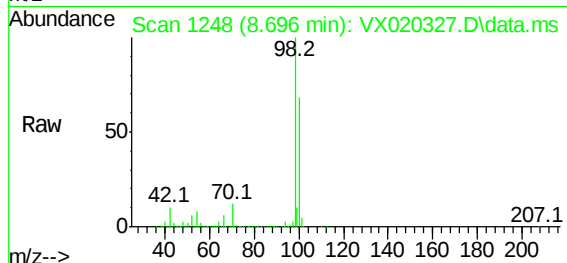
Tgt Ion:	113	Resp:	146699
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.9	122.9
192	20.3	16.7	25.1



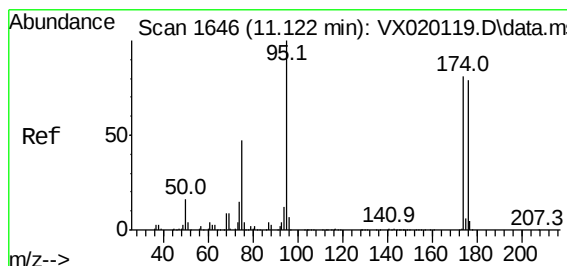
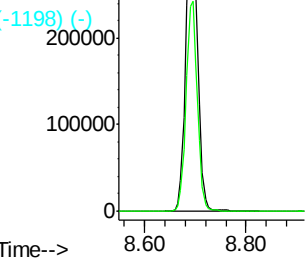
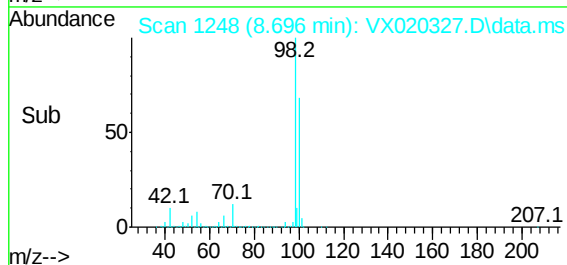
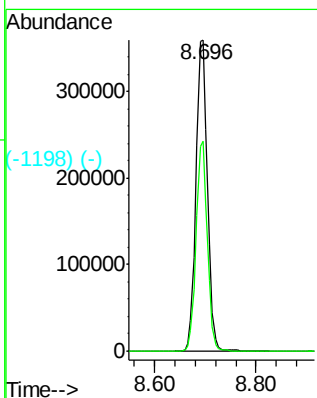


#599 (-)
Toluene-d8
Concen: 49.13 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

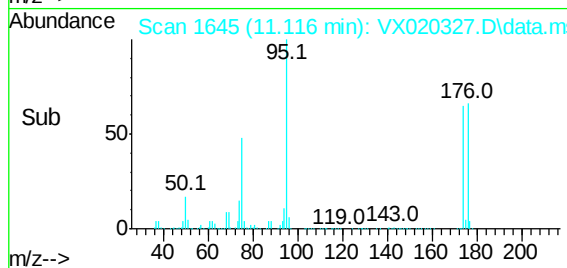
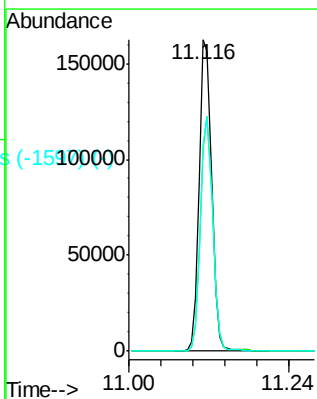
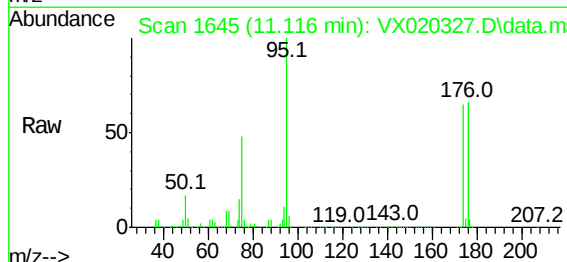


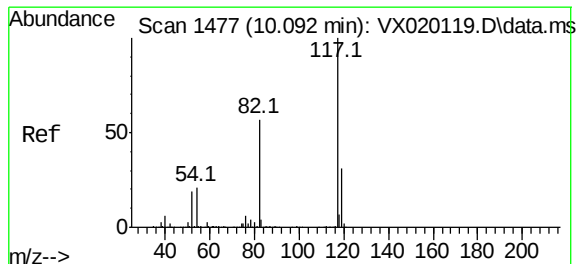
Tgt Ion: 98 Resp: 568865
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 46.85 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion: 95 Resp: 207646
Ion Ratio Lower Upper
95 100
174 74.2 0.0 154.6
176 73.6 0.0 155.8

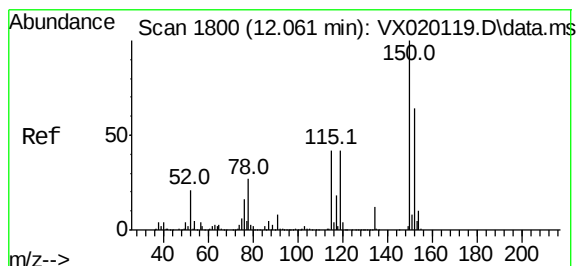
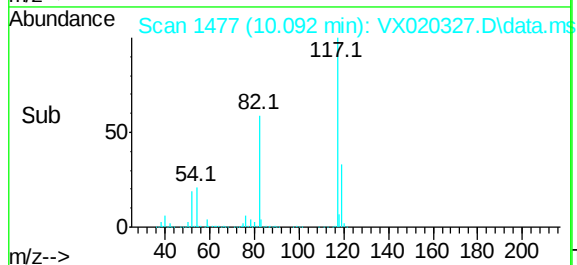
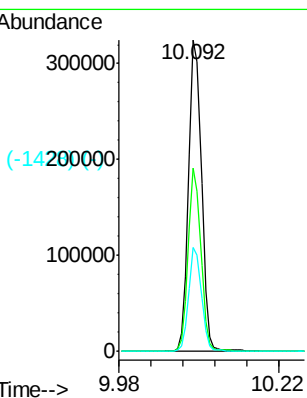
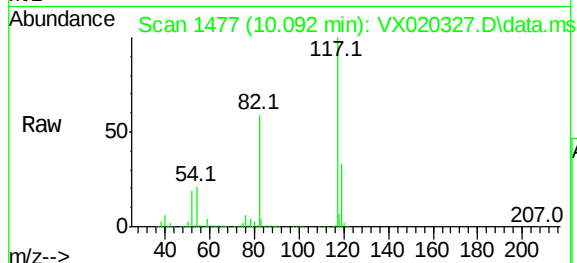




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

Tgt Ion:	117	Resp:	435789
Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.4	71.2
119	33.2	26.6	39.8



#7294 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 10:37

Tgt Ion:	152	Resp:	188832
Ion	Ratio	Lower	Upper
152	100		
115	61.4	41.1	123.3
150	157.9	0.0	349.0

