

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020328.D
 Acq On : 23 Dec 2020 11:00
 Operator : JC/MD
 Sample : VX1223WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBL01

Quant Time: Dec 24 00:13:54 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	5.629	168	272522	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	446513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	429724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	184444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	177129	48.49	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.98%
35) Dibromofluoromethane	5.464	113	143579	50.27	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.54%
50) Toluene-d8	8.695	98	547340	49.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.56%
62) 4-Bromofluorobenzene	11.122	95	198865	47.26	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.52%

Target Compounds

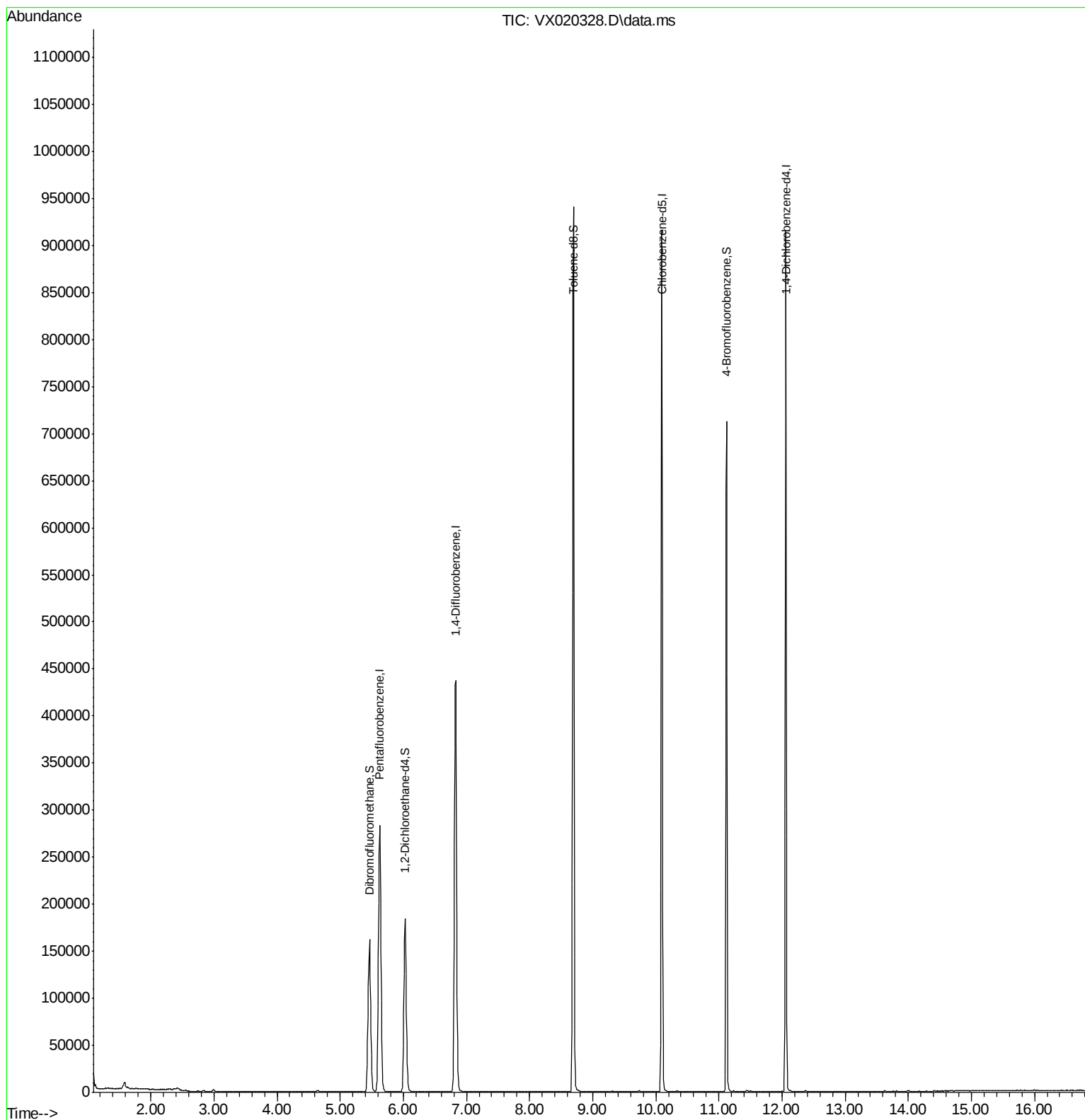
Qvalue

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

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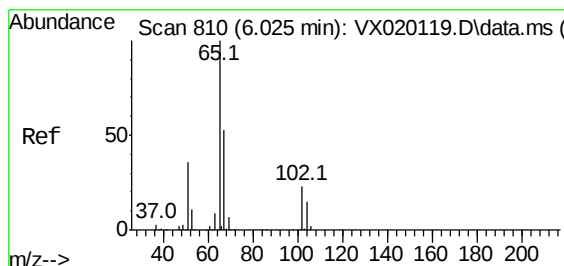
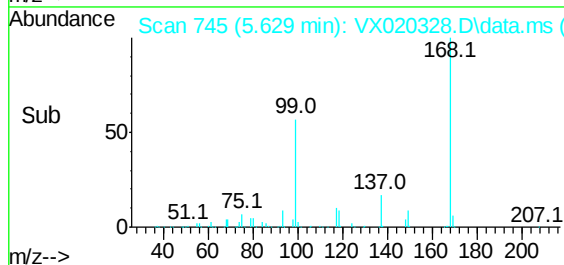
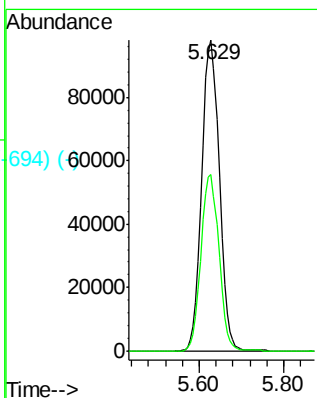
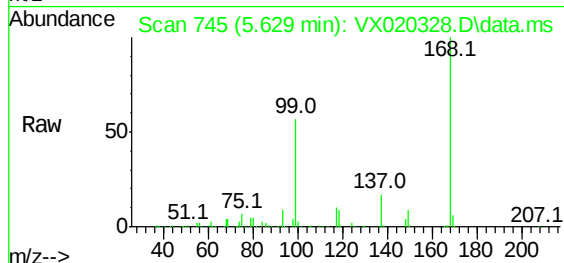




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

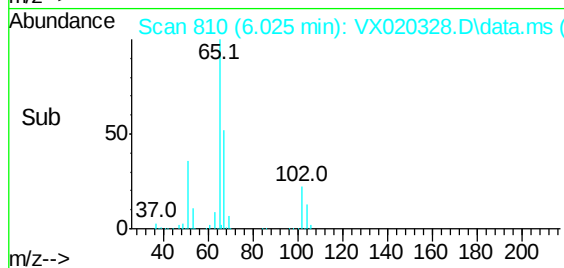
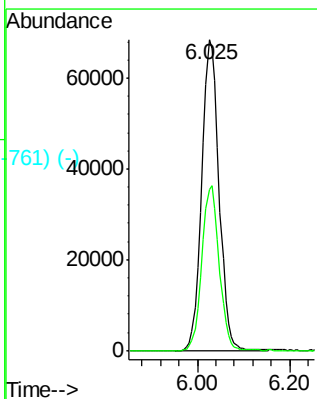
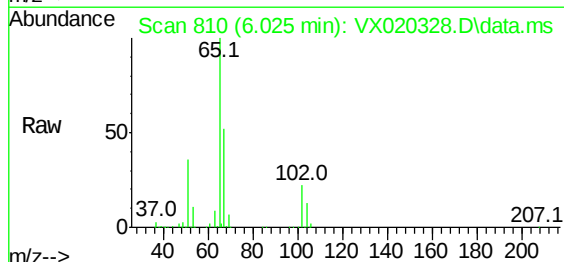
Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

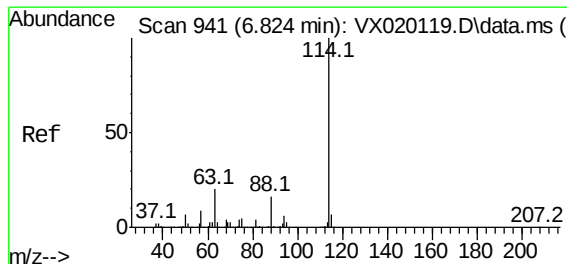
Tgt Ion:168 Resp: 272522
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



1,2-Dichloroethane-d4
Concen: 48.49 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 65 Resp: 177129
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



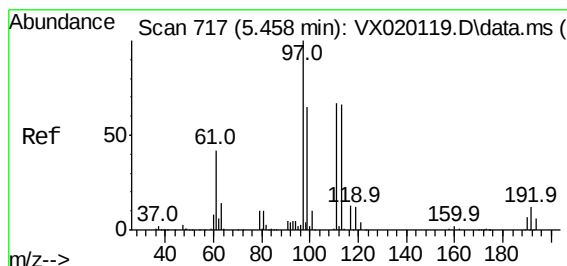
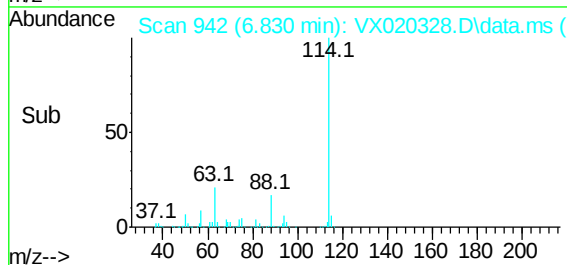
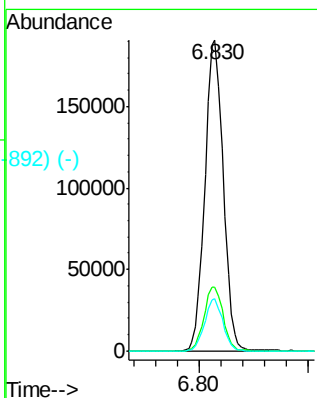
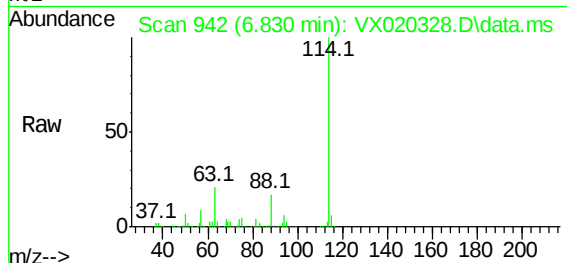


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion:114 Resp: 446513

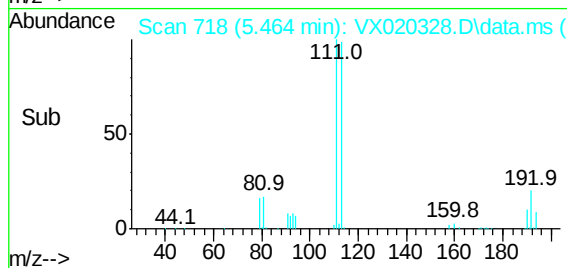
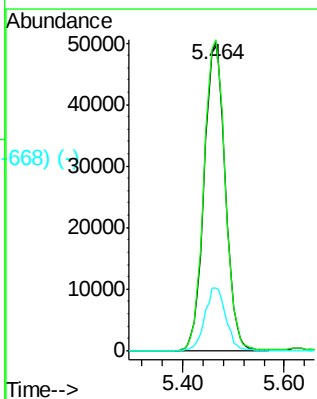
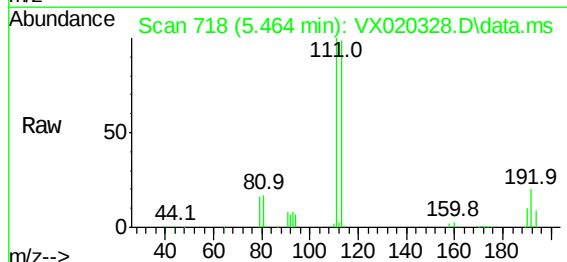
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.7	0.0	32.8

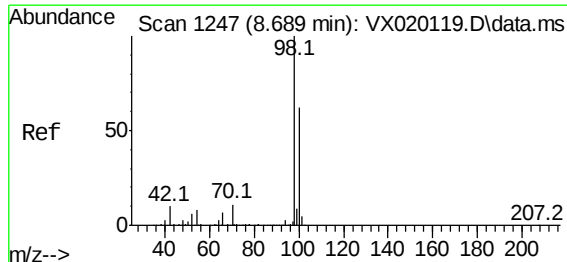


Dibromofluoromethane
Concen: 50.27 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion:113 Resp: 143579

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	20.1	16.7	25.1

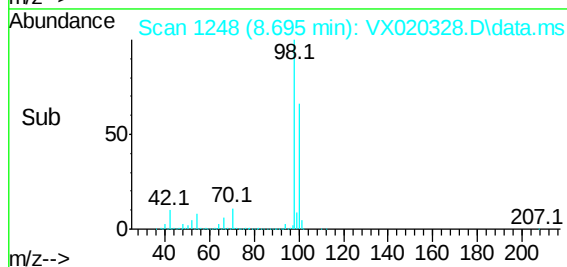
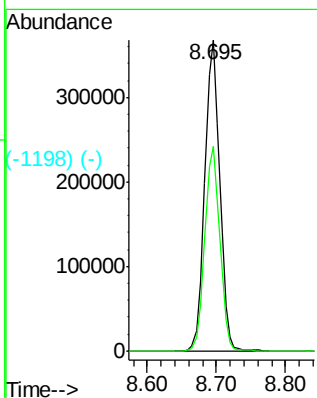
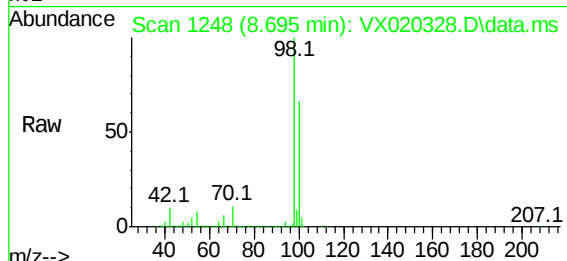




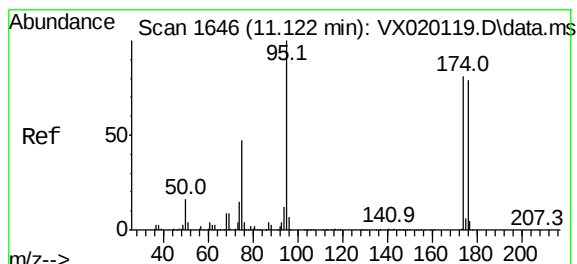
#1299 (-)
Toluene-d8
Concen: 49.78 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion: 98 Resp: 547340
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

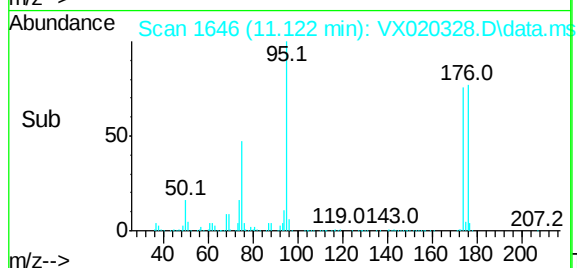
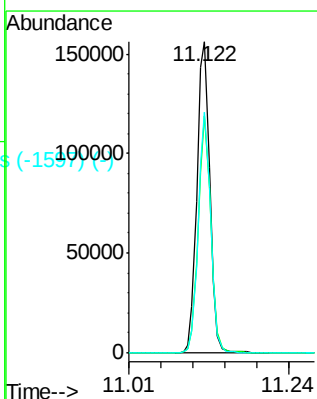
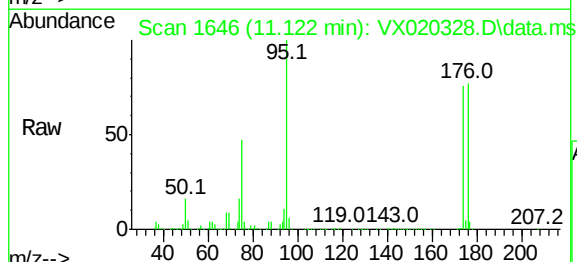


#1198 (-)

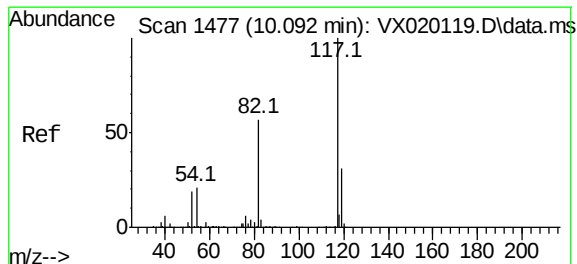


#1639 (-)
4-Bromofluorobenzene
Concen: 47.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion: 95 Resp: 198865
Ion Ratio Lower Upper
95 100
174 73.9 0.0 154.6
176 74.3 0.0 155.8



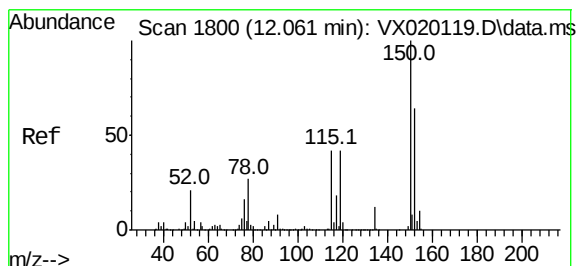
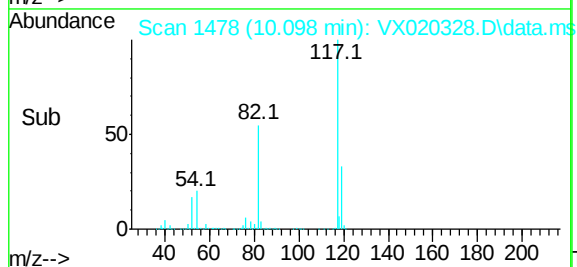
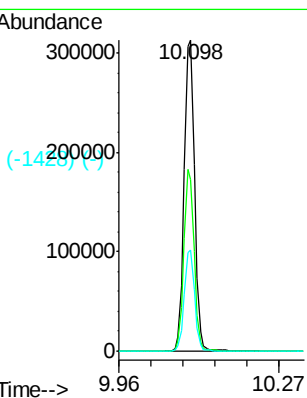
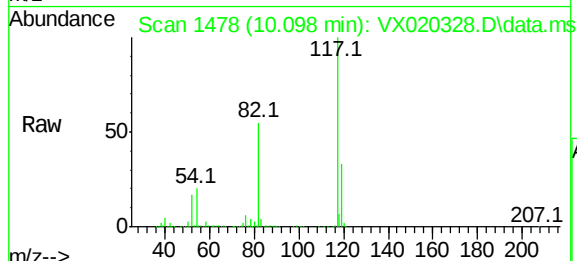
#1557 (-)



#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBL01

Tgt Ion:	117	Resp:	429724
Ion	Ratio	Lower	Upper
117	100		
82	55.0	47.4	71.2
119	32.6	26.6	39.8



#1724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020328.D
Acq: 23 Dec 2020 11:00

Tgt Ion:	152	Resp:	184444
Ion	Ratio	Lower	Upper
152	100		
115	61.4	41.1	123.3
150	156.0	0.0	349.0

