

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020317.D
 Acq On : 22 Dec 2020 21:20
 Operator : JC/MD
 Sample : VX1222WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBL02

Quant Time: Dec 23 00:36:52 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	276744	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	463535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	420770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	187655	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	178571	48.14	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.28%
35) Dibromofluoromethane	5.464	113	144210	48.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.26%
50) Toluene-d8	8.696	98	558680	48.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.90%
62) 4-Bromofluorobenzene	11.122	95	198509	45.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.88%

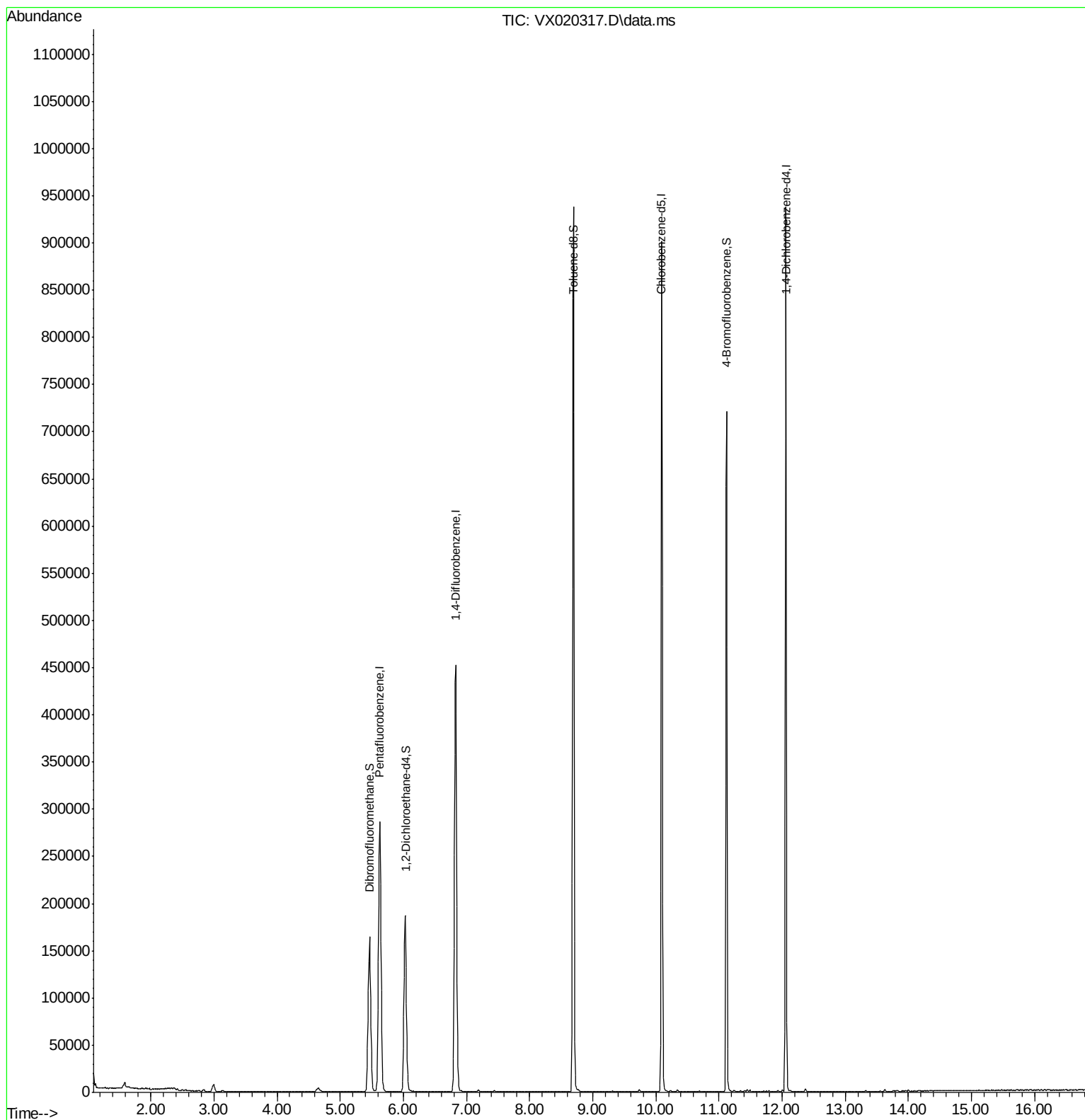
Target Compounds	Qvalue

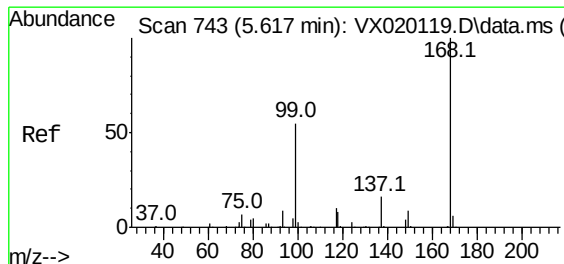
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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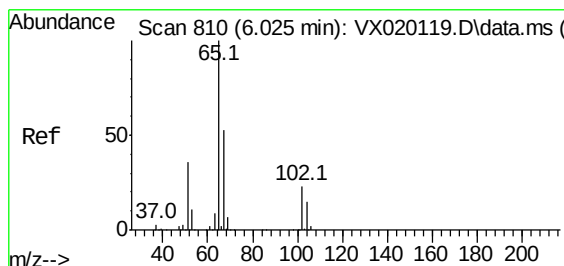
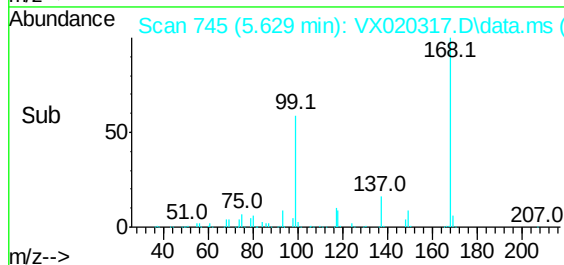
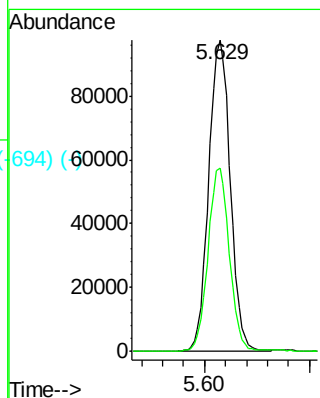
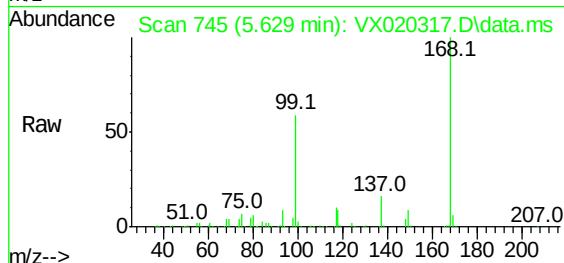




Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020317.D
 Acq: 22 Dec 2020 21:20

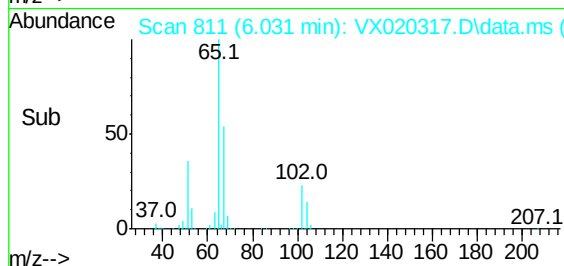
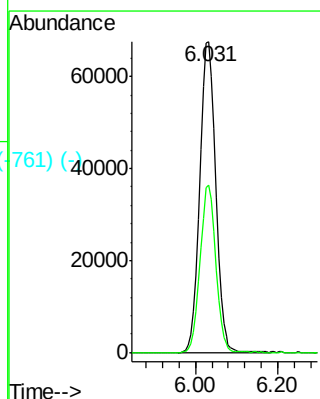
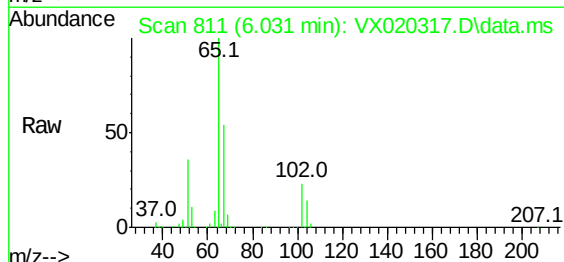
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1222WBL02

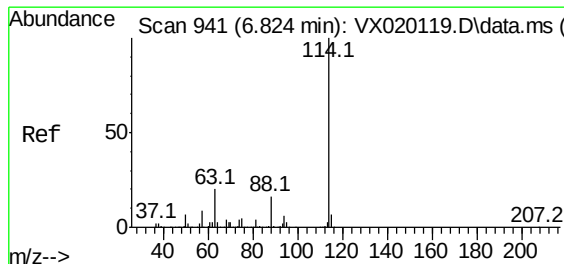
Tgt Ion:168 Resp: 276744
 Ion Ratio Lower Upper
 168 100
 99 58.7 45.8 68.6



1,2-Dichloroethane-d4
 Concen: 48.14 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020317.D
 Acq: 22 Dec 2020 21:20

Tgt Ion: 65 Resp: 178571
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



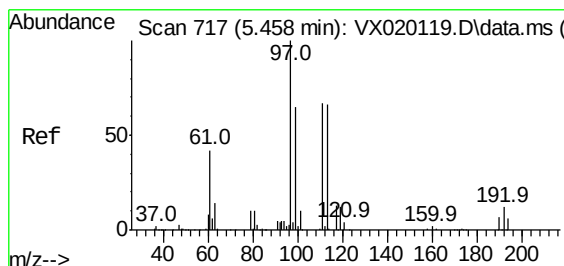
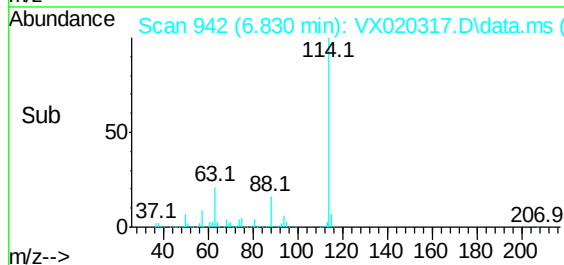
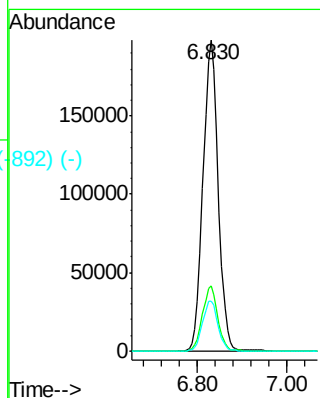
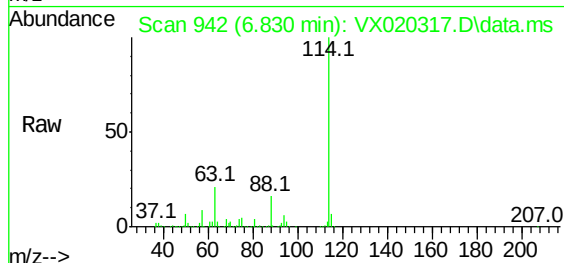


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

Tgt Ion:114 Resp: 463535

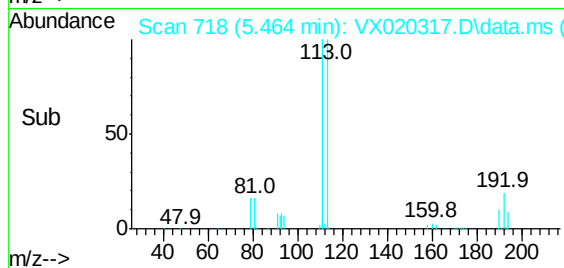
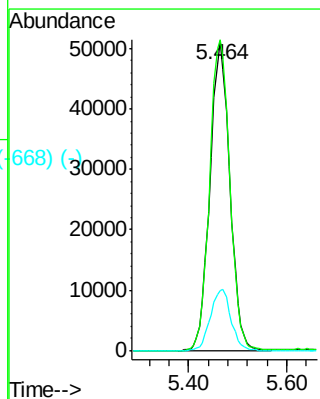
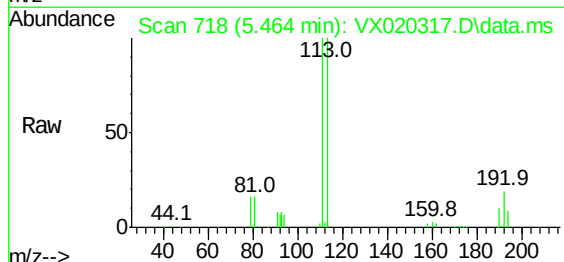
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.8	0.0	32.8

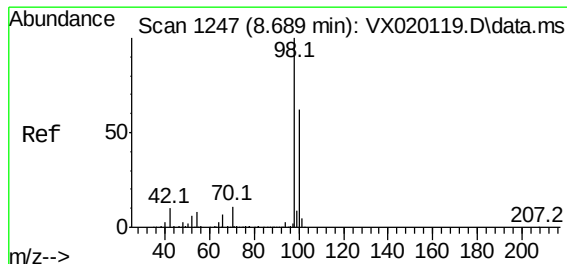


Dibromofluoromethane
Concen: 48.63 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion:113 Resp: 144210

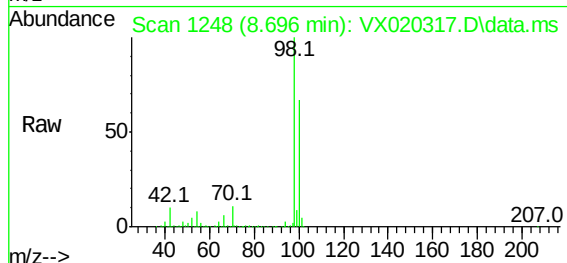
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	20.2	16.7	25.1



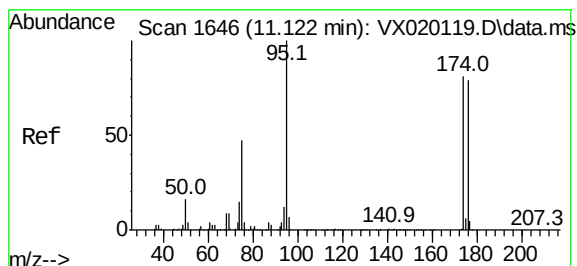
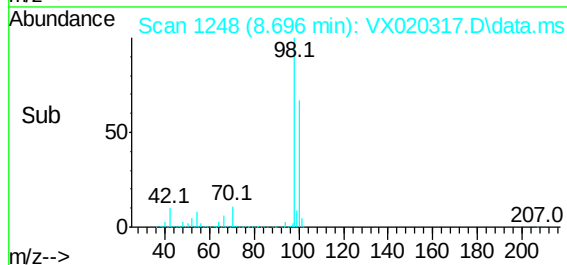
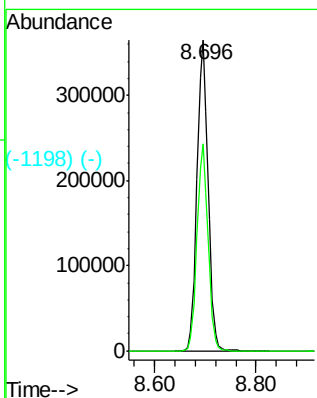


#599 (-)
Toluene-d8
Concen: 48.95 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

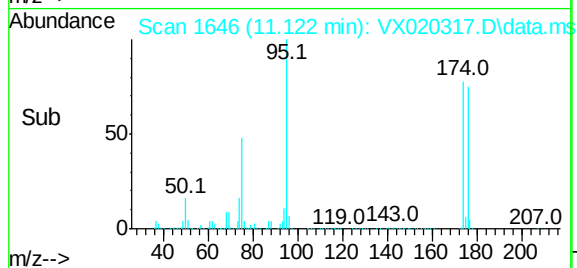
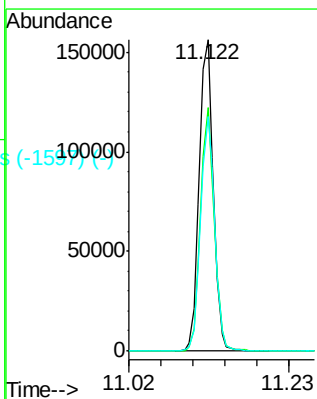
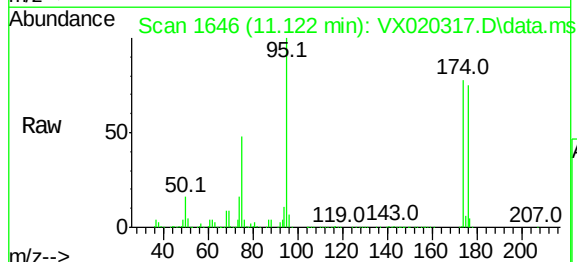


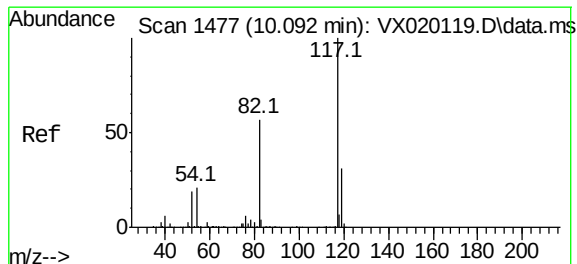
Tgt Ion: 98 Resp: 558680
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 45.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion: 95 Resp: 198509
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 75.1 0.0 155.8

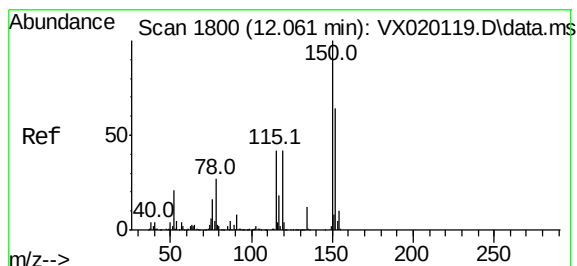
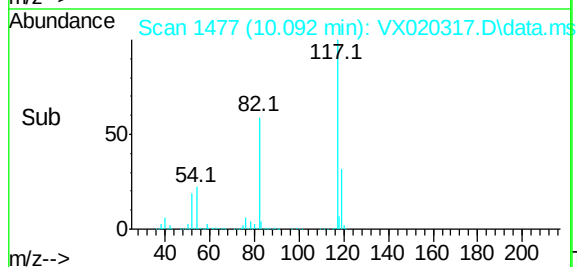
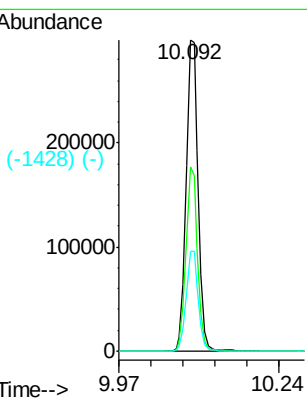
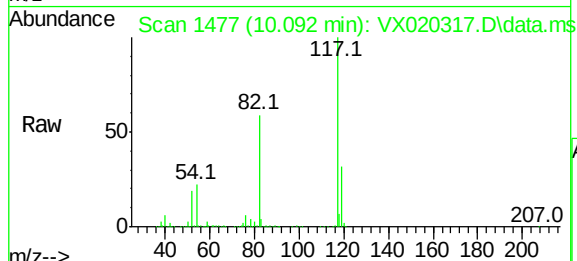




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Instrument :
MSVOA_X
ClientSampleId :
VX1222WBL02

Tgt Ion:	117	Resp:	420770
Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	32.2	26.6	39.8



#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020317.D
Acq: 22 Dec 2020 21:20

Tgt Ion:	152	Resp:	187655
Ion	Ratio	Lower	Upper
152	100		
115	61.0	41.1	123.3
150	157.2	0.0	349.0

