

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020169.D
 Acq On : 19 Dec 2020 14:28
 Operator : JC/MD
 Sample : L5096-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-TB-121220

Quant Time: Dec 21 02:32:16 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	300459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	507476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	459347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	200460	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	194199	48.22	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.44%
35) Dibromofluoromethane	5.458	113	156203	48.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.24%
50) Toluene-d8	8.696	98	612373	49.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.02%
62) 4-Bromofluorobenzene	11.122	95	214213	44.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.58%

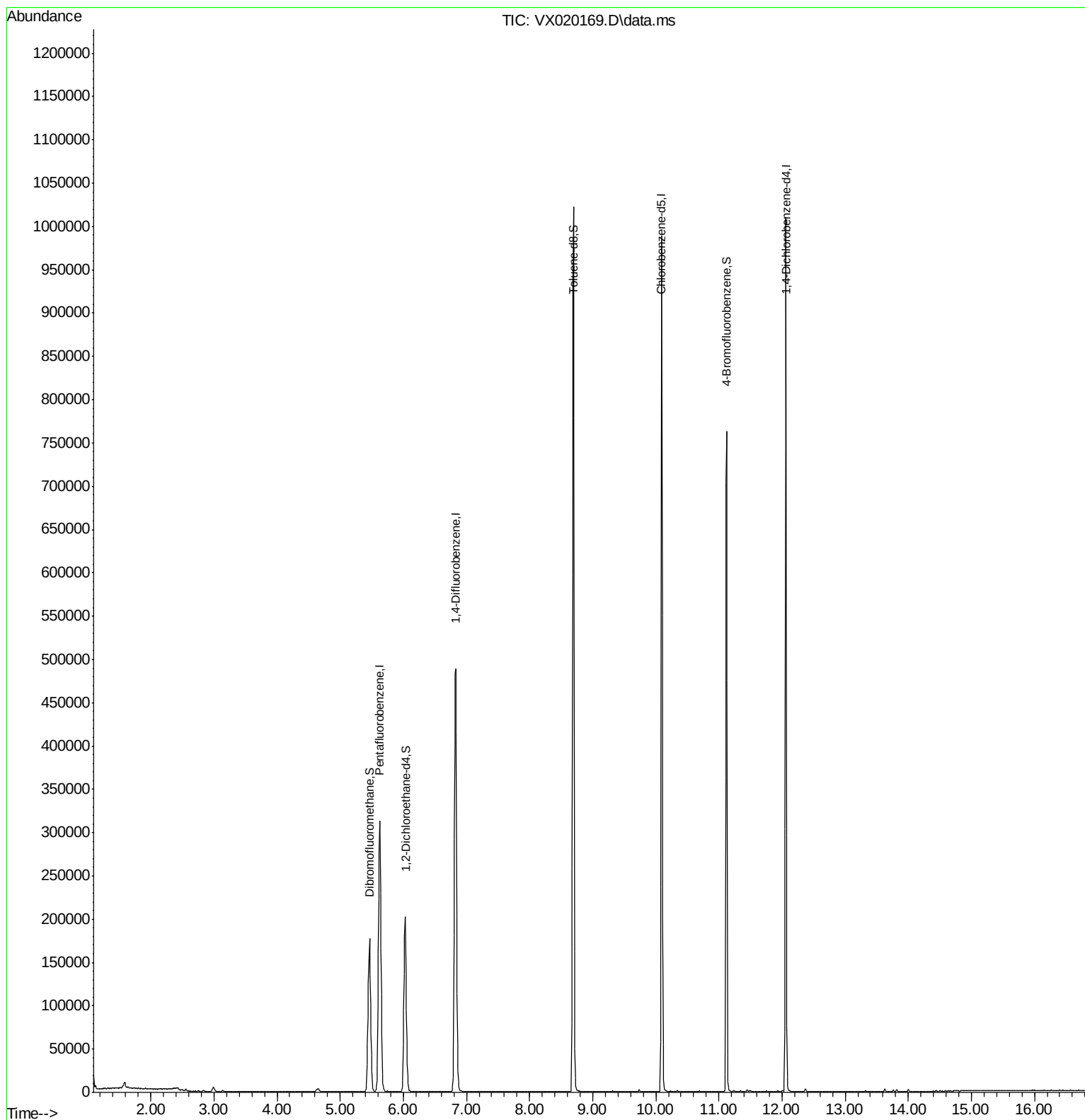
Target Compounds	Qvalue

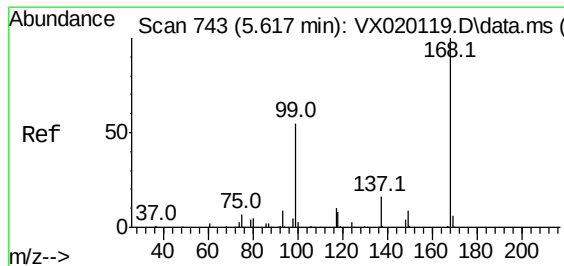
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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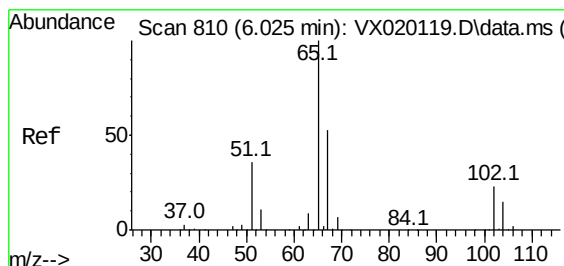
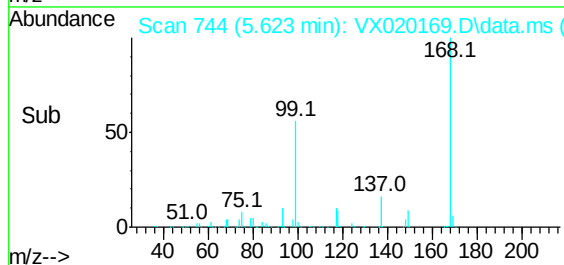
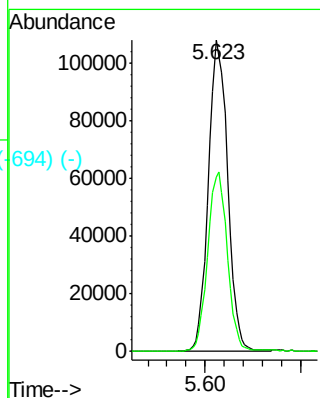
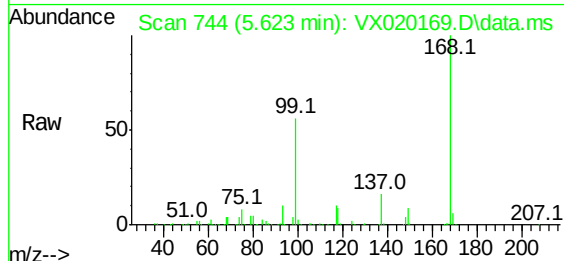




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

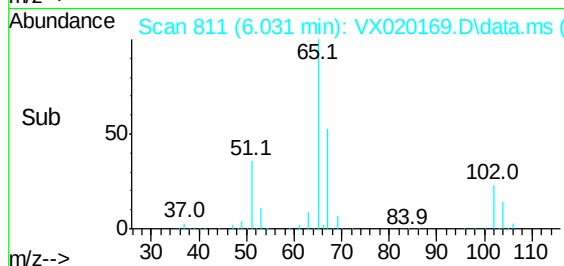
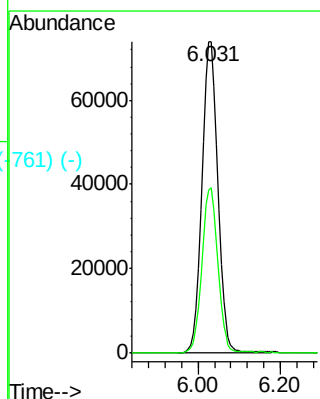
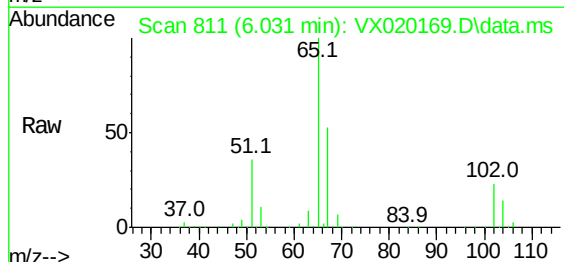
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

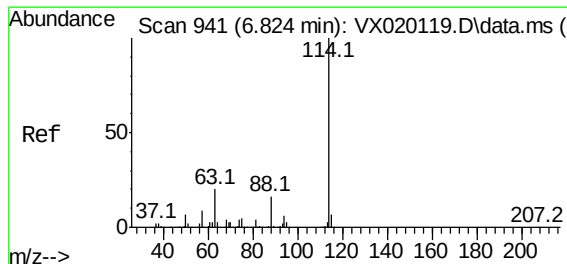
Tgt Ion:168 Resp: 300459
Ion Ratio Lower Upper
168 100
99 56.1 45.8 68.6



1,2-Dichloroethane-d4
Concen: 48.22 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 65 Resp: 194199
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4



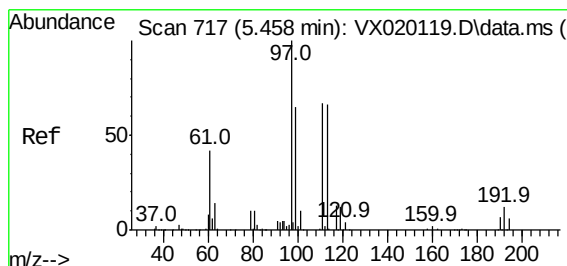
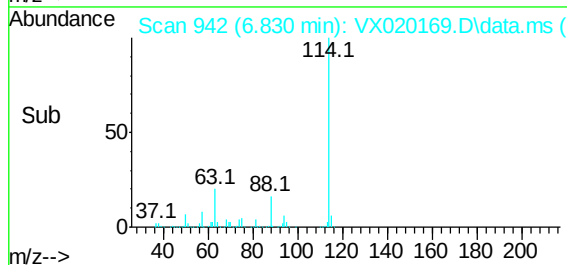
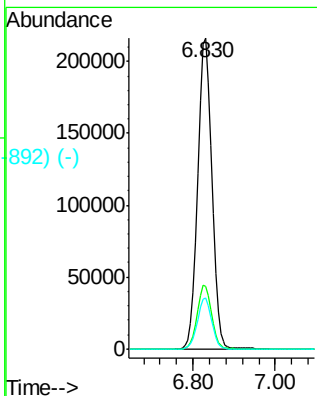
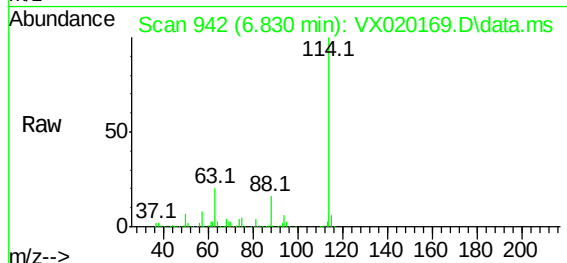


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

Tgt Ion:114 Resp: 507476

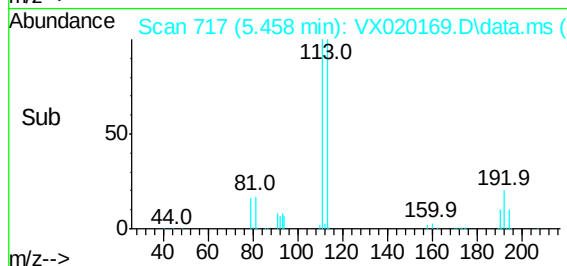
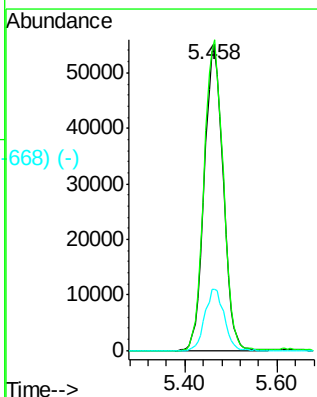
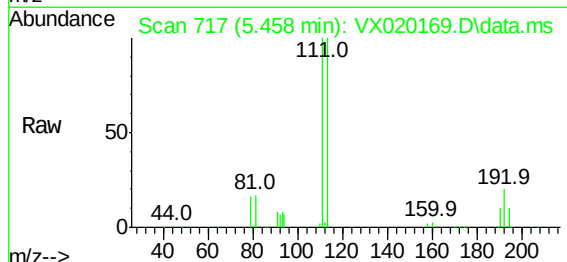
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	16.4	0.0	32.8

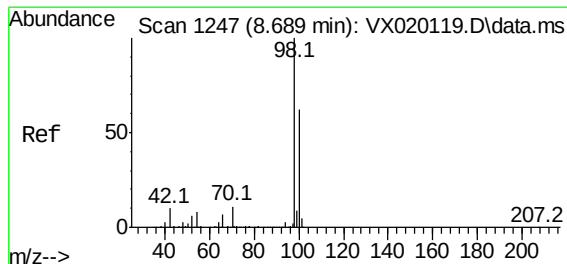


Dibromofluoromethane
Concen: 48.12 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion:113 Resp: 156203

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	20.4	16.7	25.1

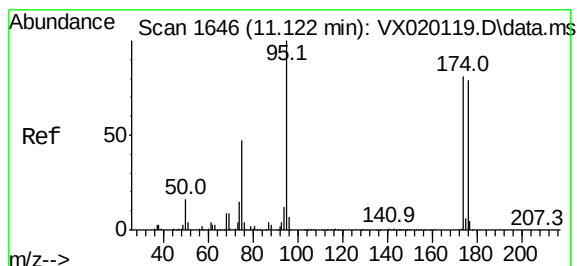
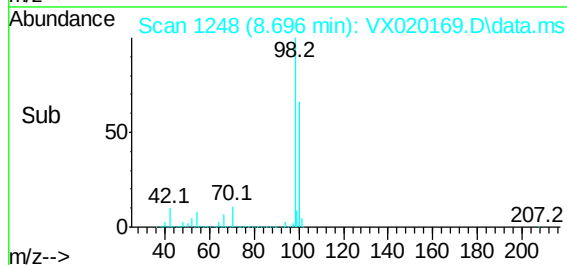
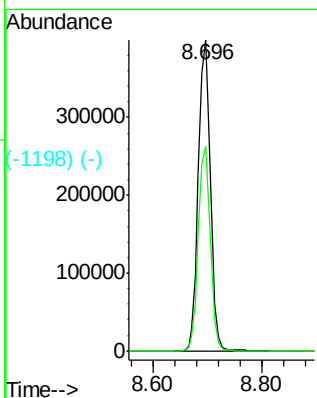
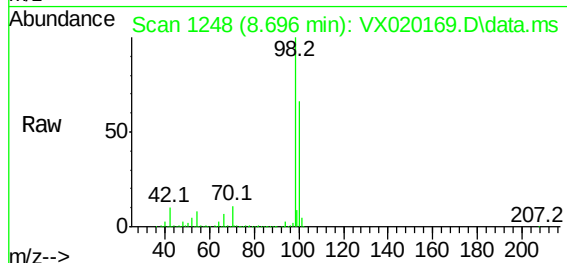




#599 (-)
Toluene-d8
Concen: 49.01 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

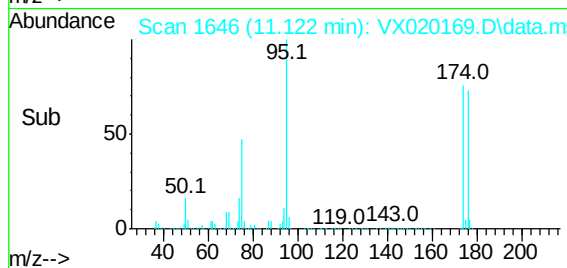
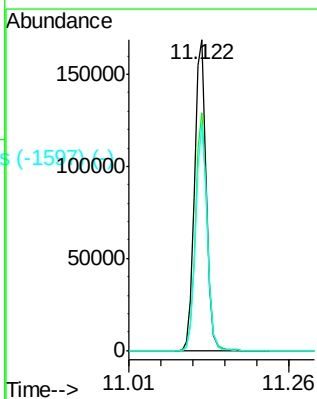
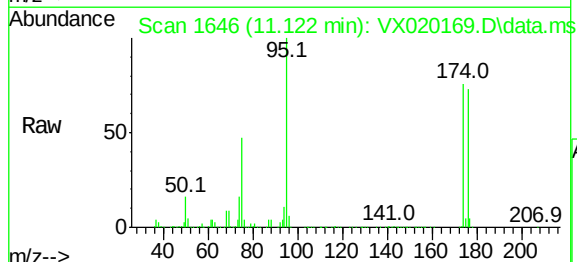
Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

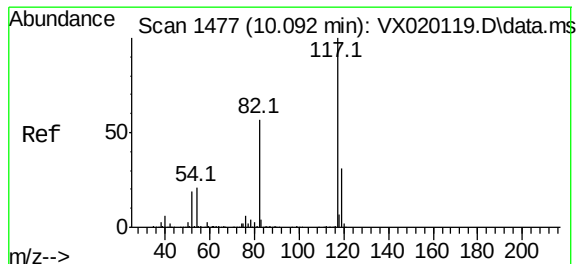
Tgt Ion: 98 Resp: 612373
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 44.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion: 95 Resp: 214213
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 72.2 0.0 155.8

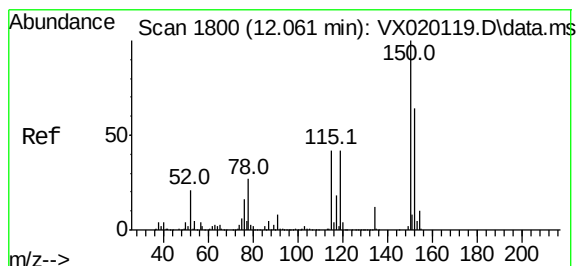
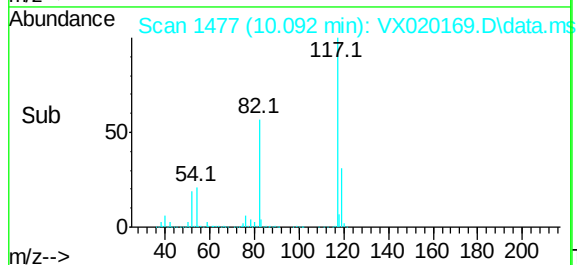
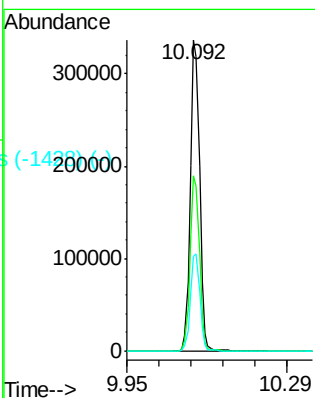
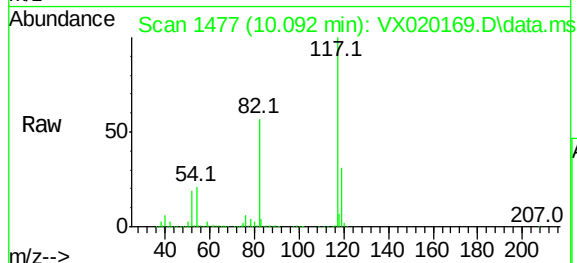




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020169.D
Acq: 19 Dec 2020 14:28

Instrument :
MSVOA_X
ClientSampleId :
49-TB-121220

Tgt Ion:117 Resp: 459347
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 30.6 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: VX020169.D
Acq: 19 Dec 2020 14:28

Tgt Ion:152 Resp: 200460
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 156.2 0.0 349.0

