

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020408.D
 Acq On : 28 Dec 2020 13:12
 Operator : JC/MD
 Sample : L5216-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Dec 29 00:38:57 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	256822	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	423712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	396677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.032	65	160867	46.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.46%
35) Dibromofluoromethane	5.465	113	133067	49.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.18%
50) Toluene-d8	8.696	98	512147	49.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.18%
62) 4-Bromofluorobenzene	11.122	95	184934	46.31	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.62%

Target Compounds

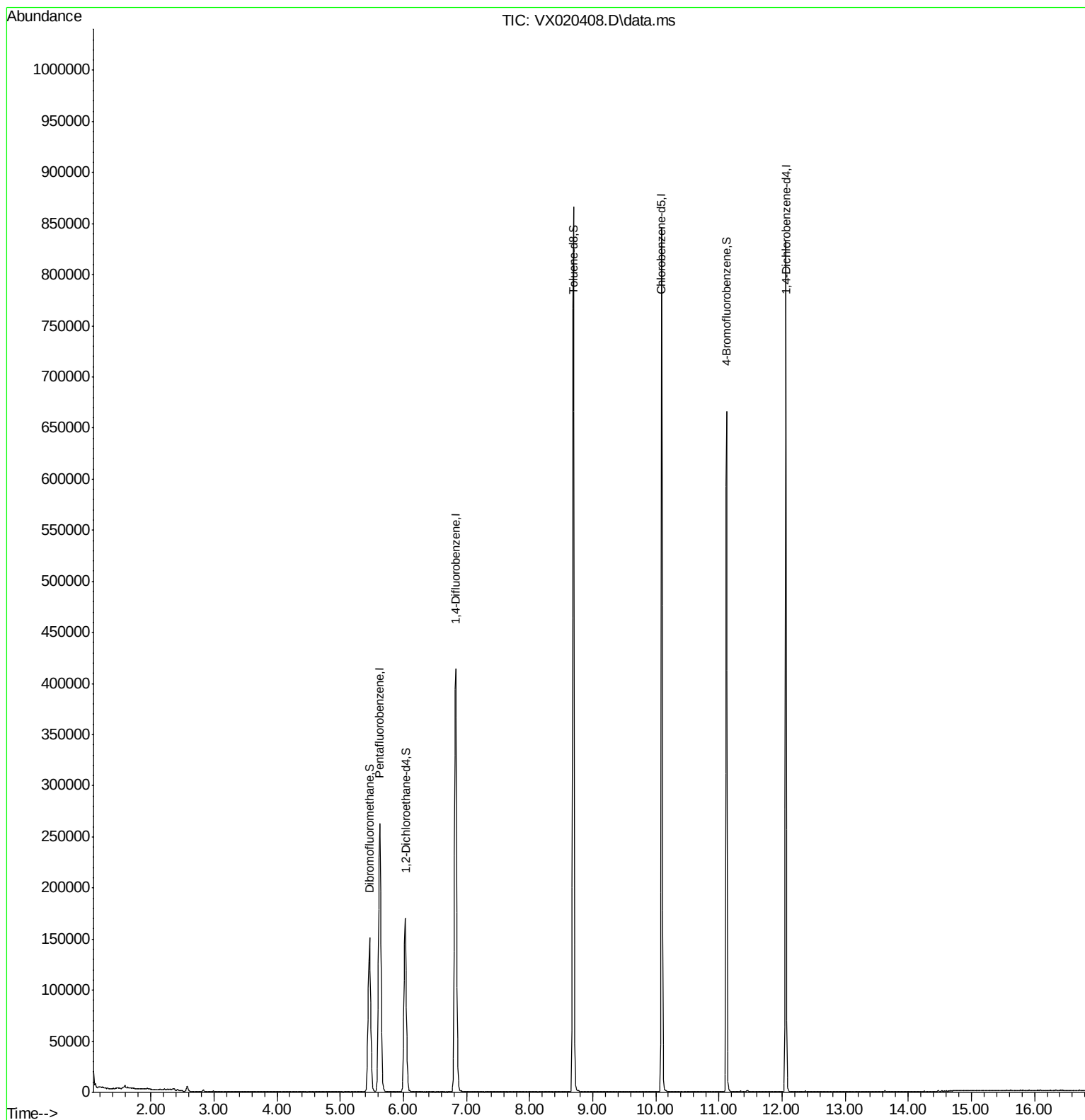
Qvalue

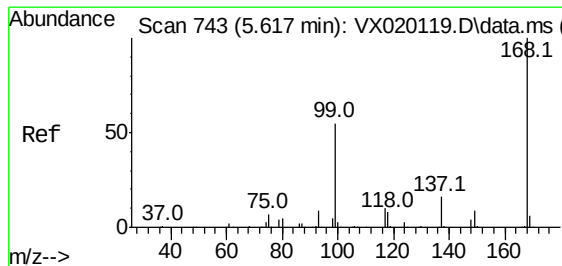
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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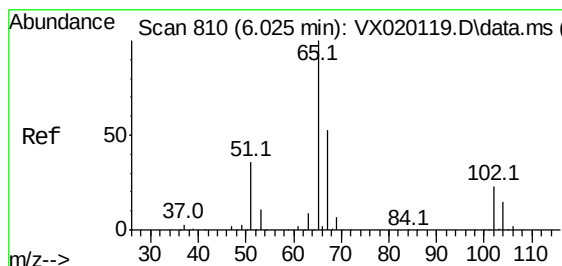
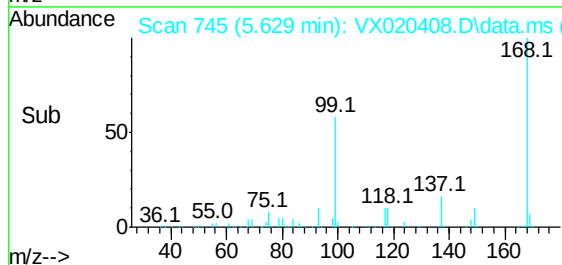
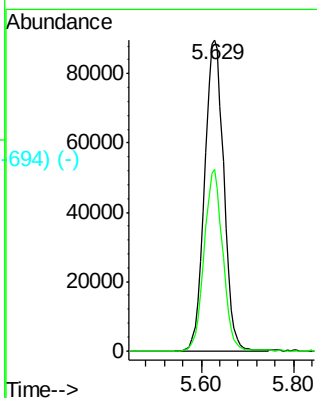
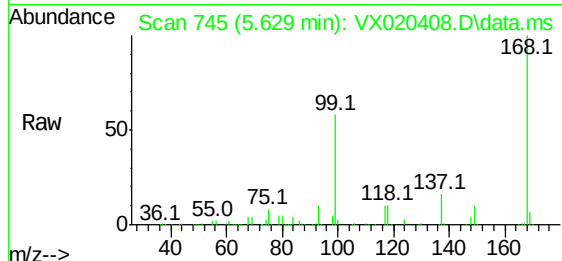




Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020408.D
 Acq: 28 Dec 2020 13:12

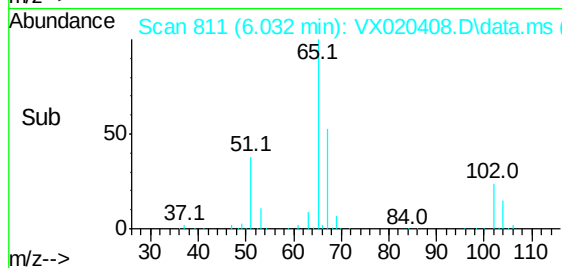
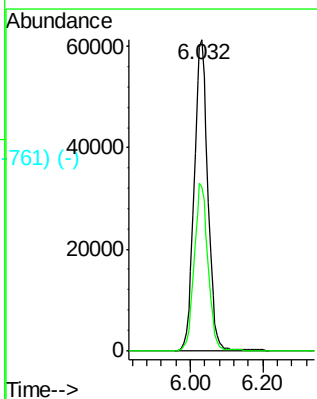
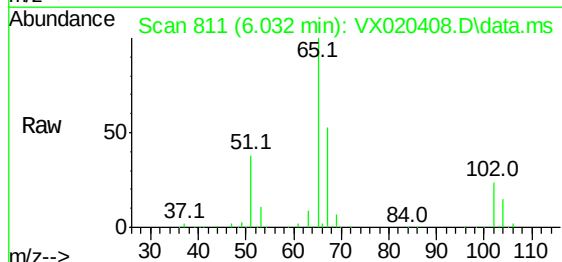
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

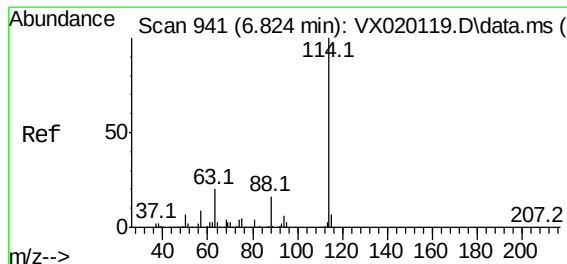
Tgt Ion:168 Resp: 256822
 Ion Ratio Lower Upper
 168 100
 99 58.2 45.8 68.6



1,2-Dichloroethane-d4
 Concen: 46.73 ug/l
 RT: 6.032 min Scan# 811
 Delta R.T. 0.007 min
 Lab File: VX020408.D
 Acq: 28 Dec 2020 13:12

Tgt Ion: 65 Resp: 160867
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.4

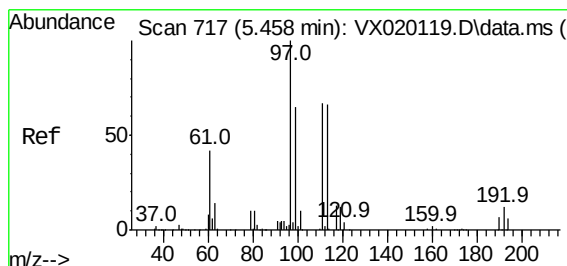
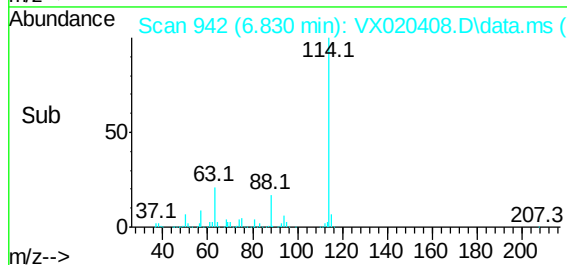
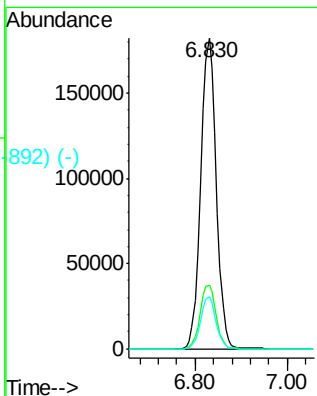
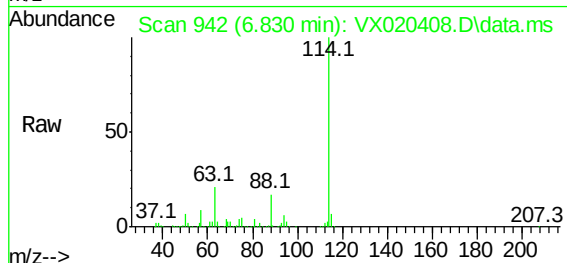




1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

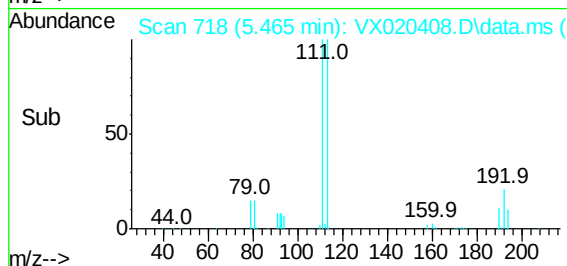
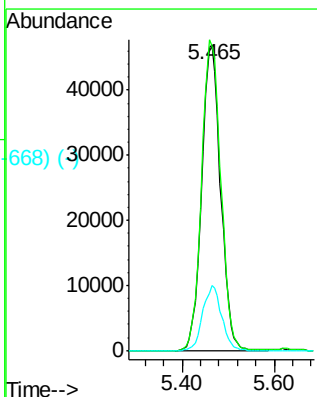
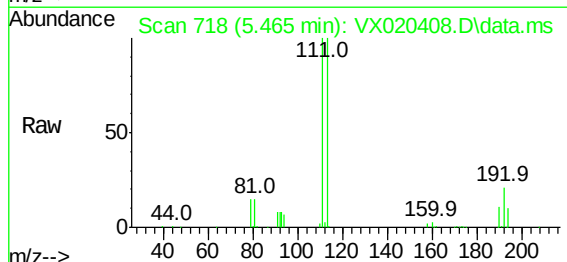
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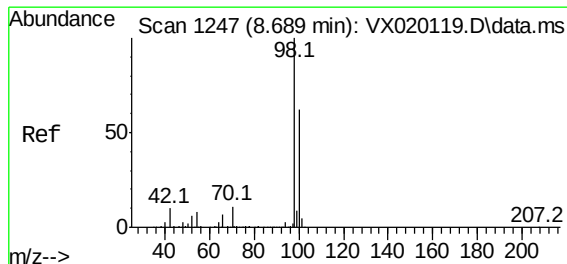
Tgt Ion:	114	Resp:	423712
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.7	0.0	32.8



Dibromofluoromethane
Concen: 49.09 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

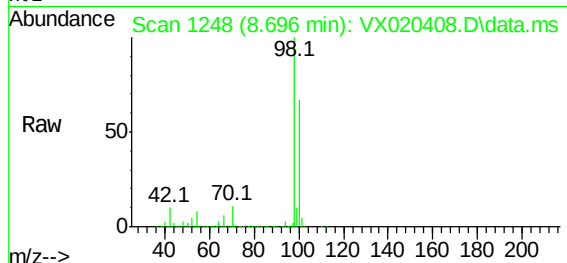
Tgt Ion:	113	Resp:	133067
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	21.0	16.7	25.1



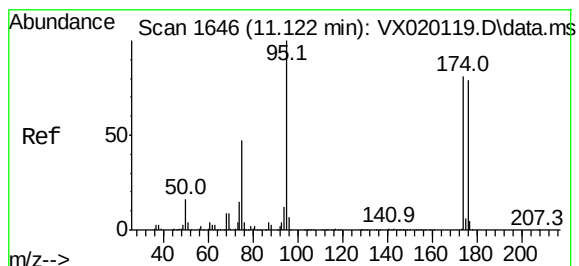
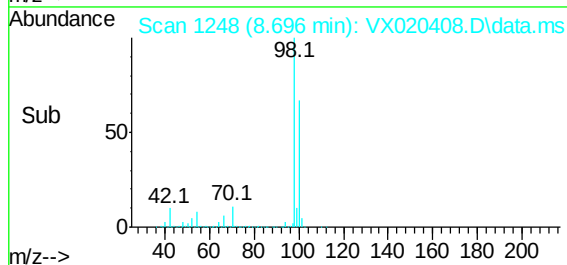
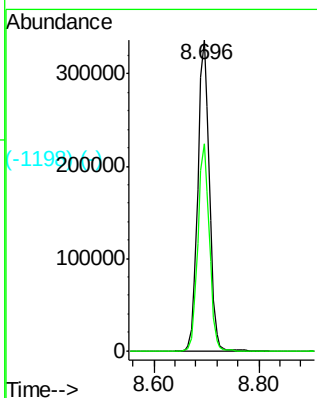


#599 (-)
Toluene-d8
Concen: 49.09 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

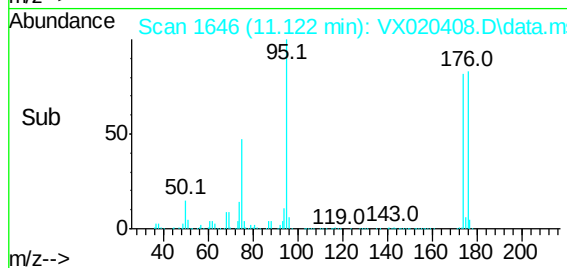
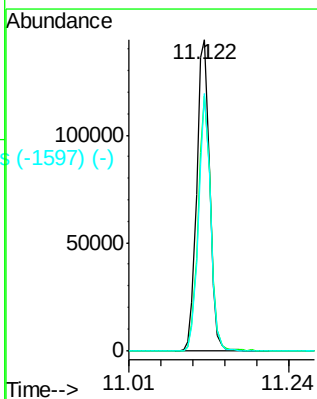
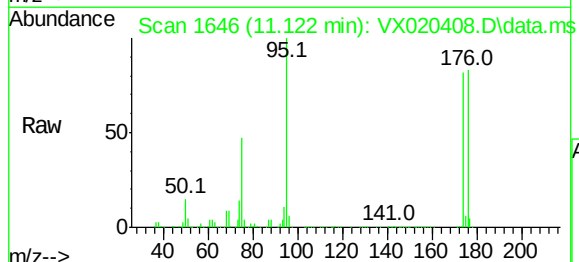


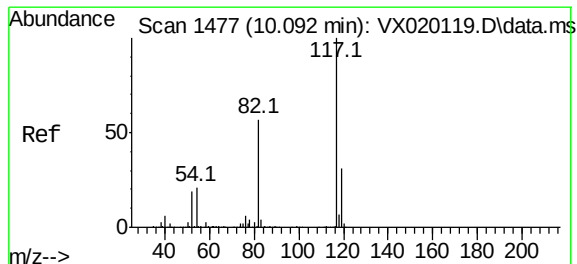
Tgt Ion: 98 Resp: 512147
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 46.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Tgt Ion: 95 Resp: 184934
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 76.2 0.0 155.8

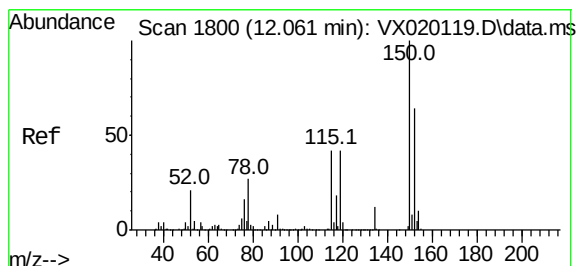
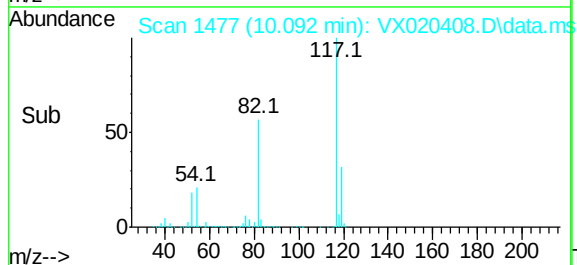
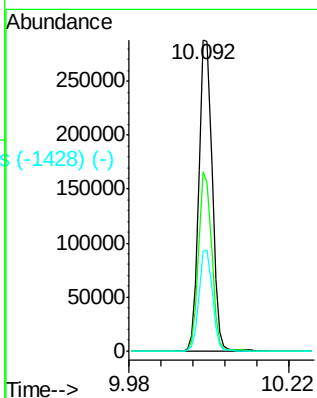
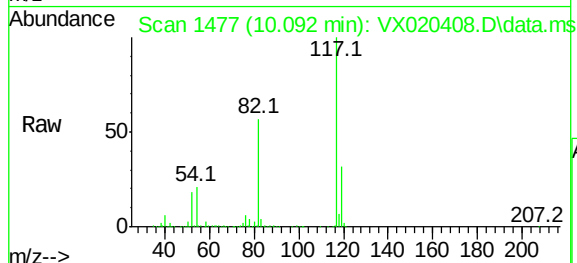




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:117 Resp: 396677
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.0 26.6 39.8



#17294 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Tgt Ion:152 Resp: 174029
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 154.6 0.0 349.0

