

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012200.D
 Acq On : 08 Sep 2019 04:24
 Operator : SY/SP
 Sample : K4669-01
 Misc : 4.63g/5.0mL/MSVOA X/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-090519

Quant Time: Sep 08 08:41:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	151447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101122	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	107389	51.39	ug/l	0.00
Spiked Amount						
			Recovery	=	102.78%	
35) Dibromofluoromethane	5.48	113	80551	49.49	ug/l	0.00
Spiked Amount						
			Recovery	=	98.98%	
50) Toluene-d8	8.71	98	312988	52.40	ug/l	0.00
Spiked Amount						
			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.13	95	125618	45.22	ug/l	0.00
Spiked Amount						
			Recovery	=	90.44%	

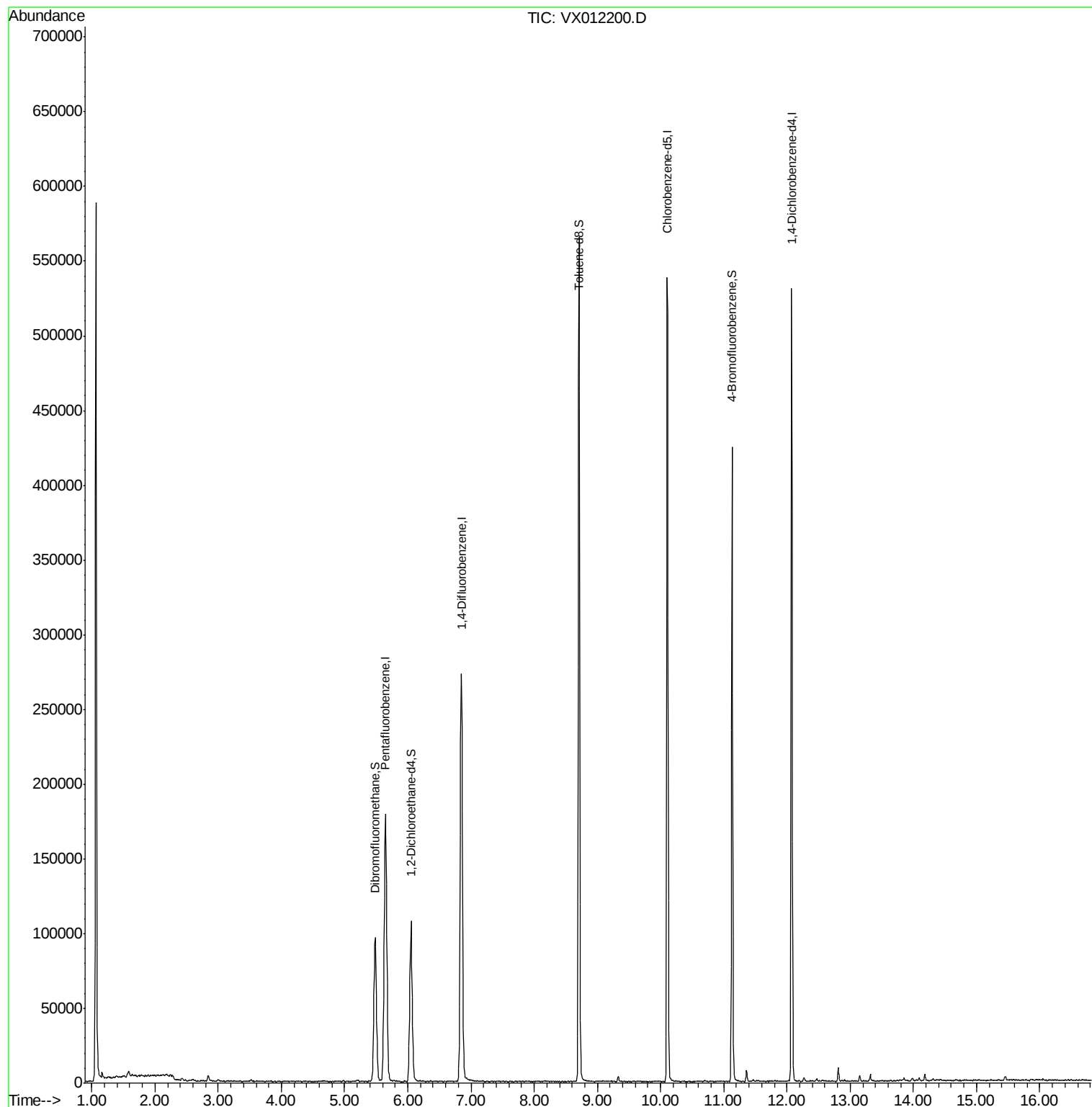
Target Compounds	Qvalue
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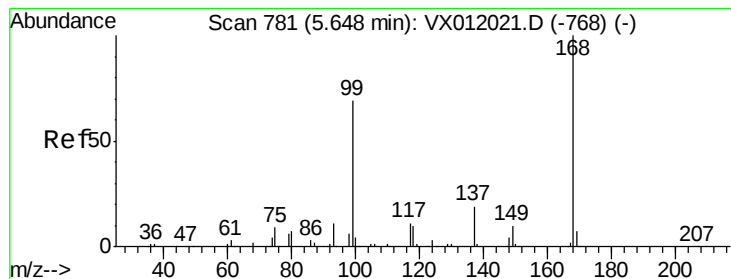
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012200.D

Acq: 08 Sep 2019 04:24

Instrument :

MSVOA_X

ClientSampleId :

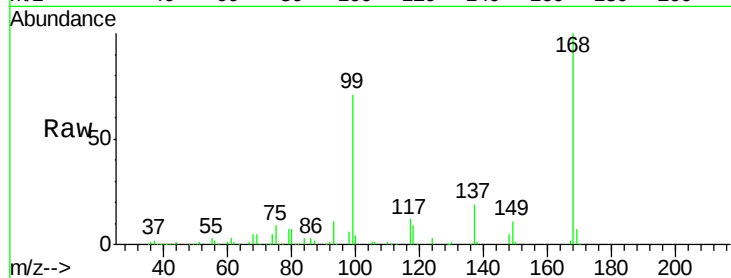
TR-05-090519

Tot Ion:168 Resp: 151447

Ion Ratio Lower Upper

168 100

99 71.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

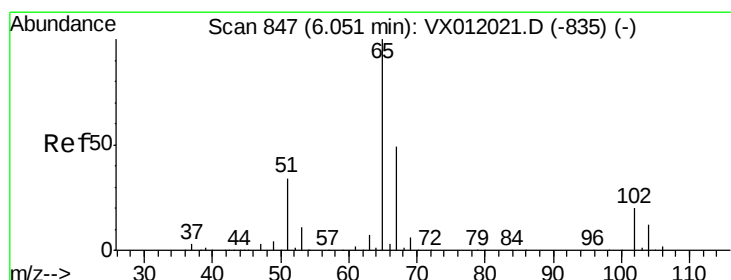
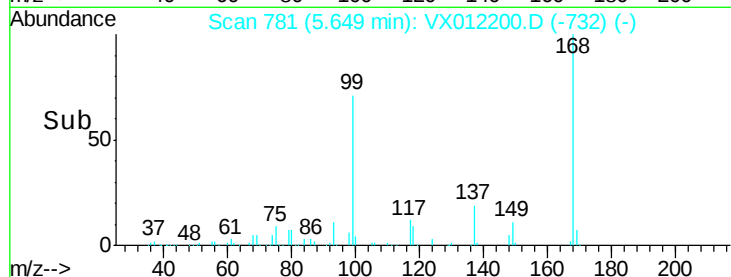
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.390 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012200.D

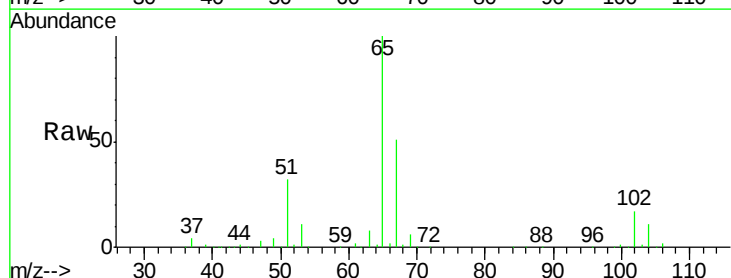
Acq: 08 Sep 2019 04:24

Tgt Ion: 65 Resp: 107389

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

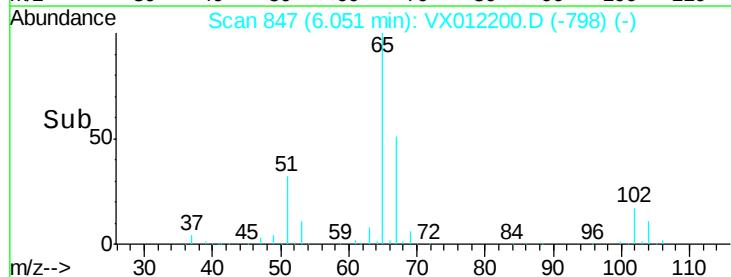
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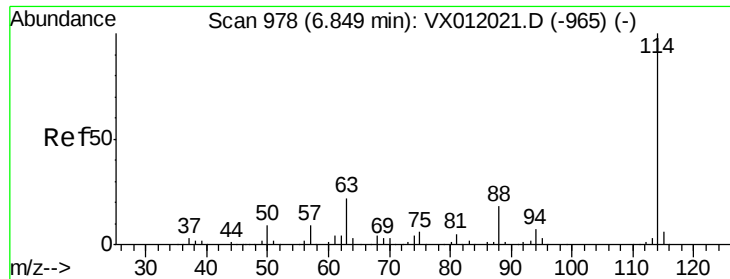
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

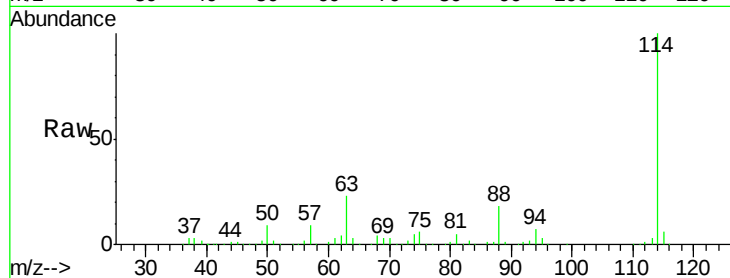




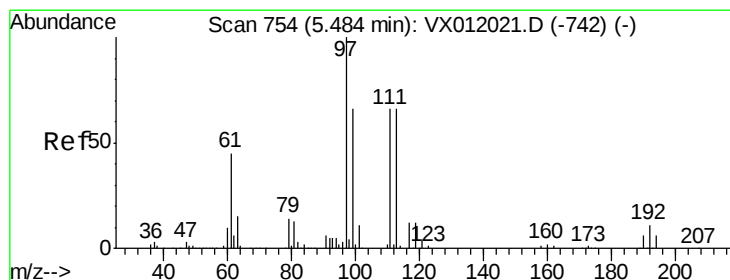
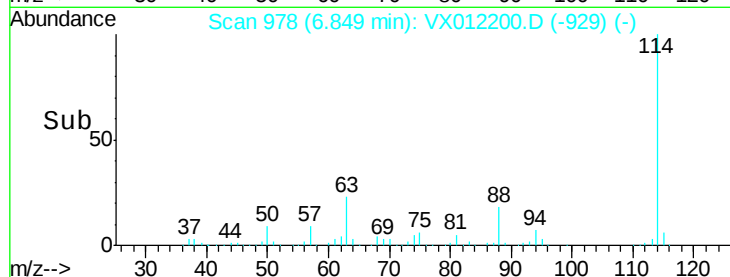
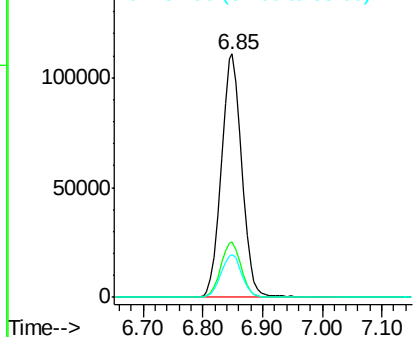
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-090519

Tot Ion:114 Resp: 264669
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.4
 88 17.6 0.0 29.6

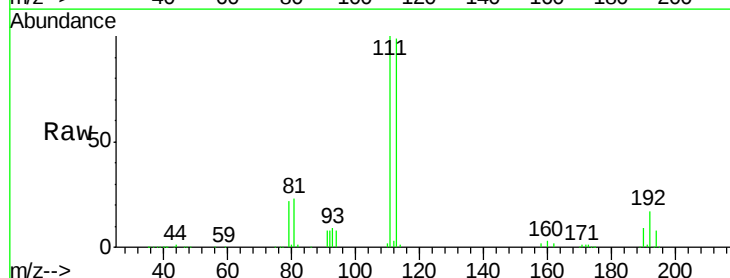


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

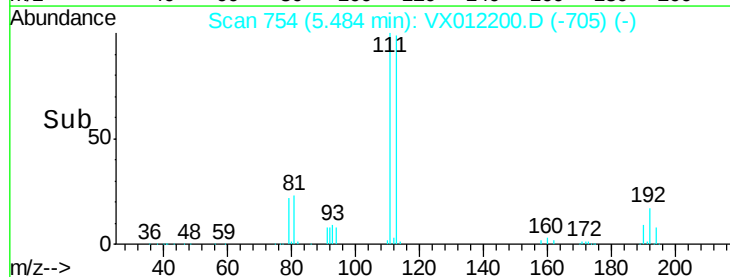
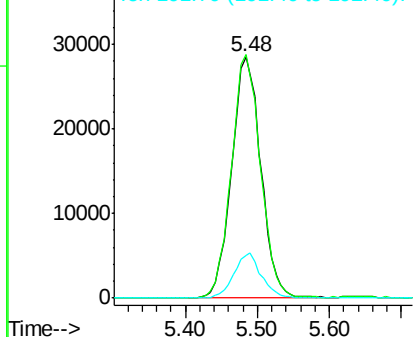


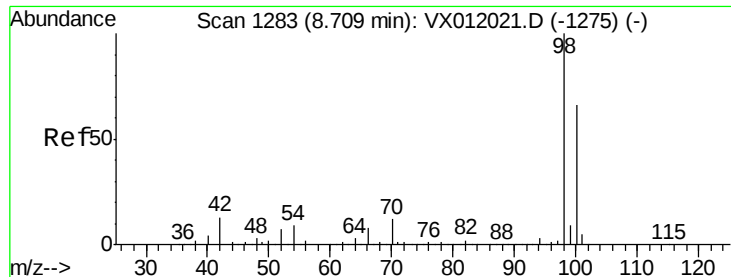
#35
 Dibromofluoromethane
 Concen: 49.489 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012200.D
 Acq: 08 Sep 2019 04:24

Tgt Ion:113 Resp: 80551
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.7 122.5
 192 17.4 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

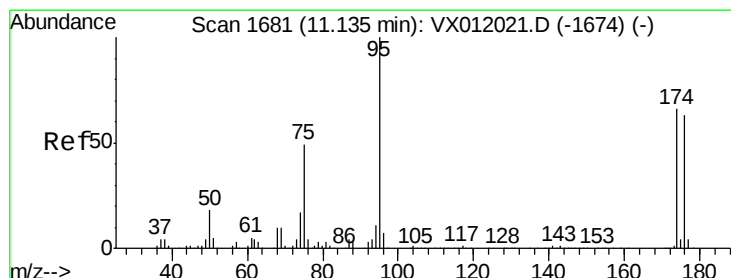
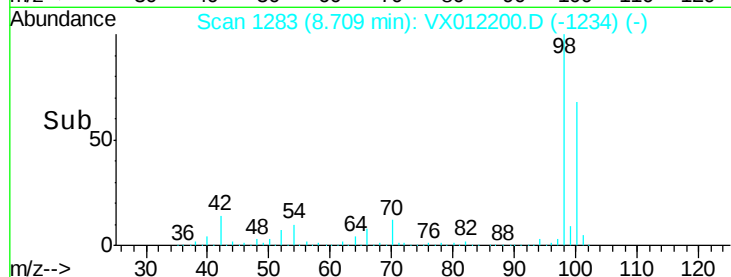
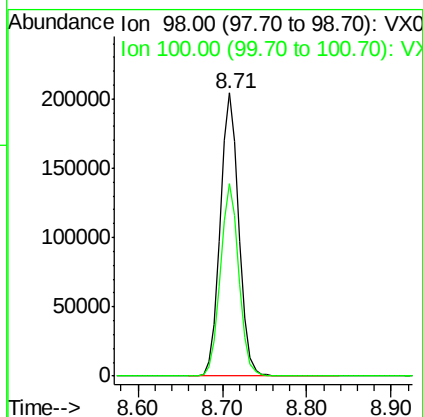
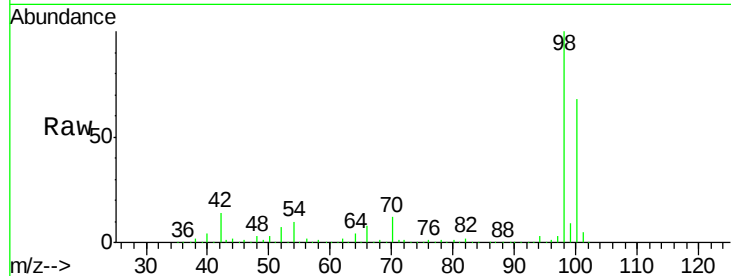




#50
Toluene-d8
Concen: 52.403 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

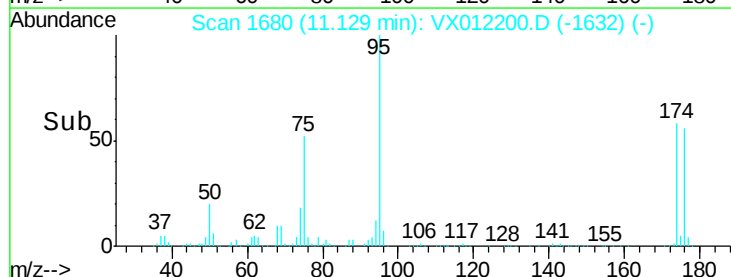
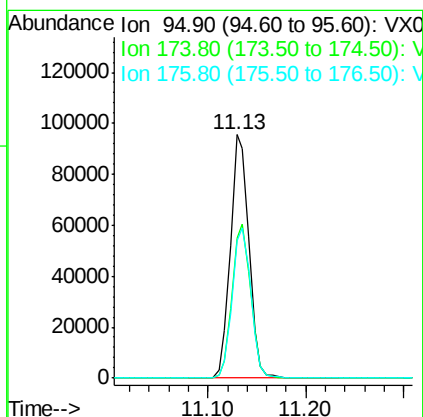
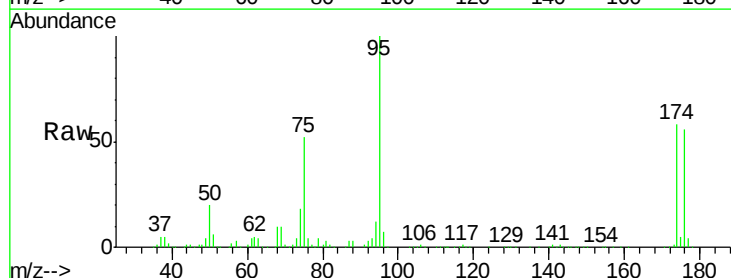
Instrument :
MSVOA_X
ClientSampleId :
TR-05-090519

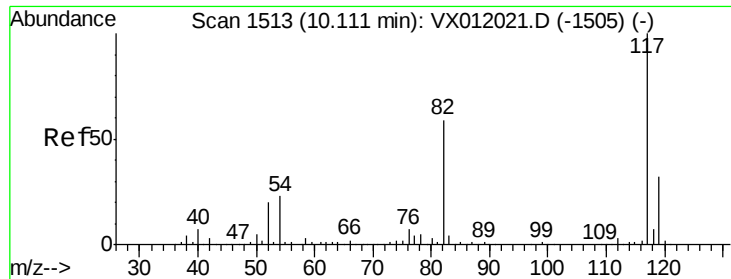
Tot Ion: 98 Resp: 312988
Ion Ratio Lower Upper
98 100
100 67.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.224 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

Tgt Ion: 95 Resp: 125618
Ion Ratio Lower Upper
95 100
174 63.7 0.0 205.4
176 62.3 0.0 201.8

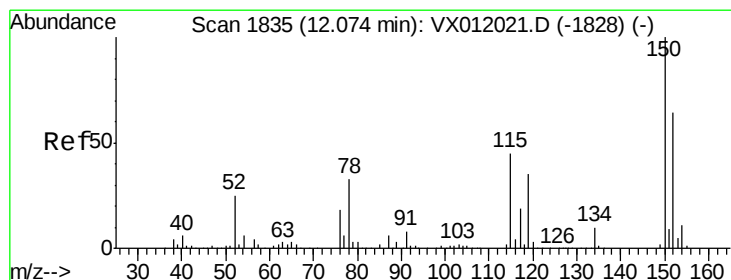
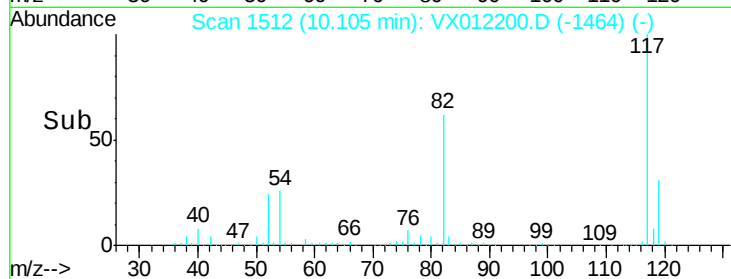
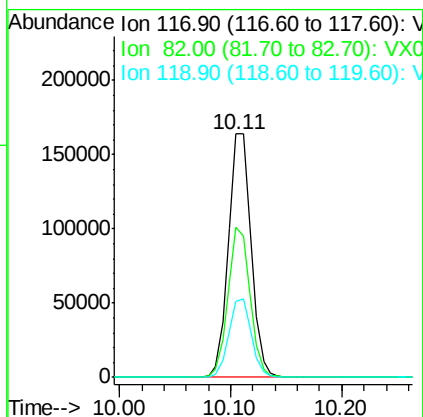
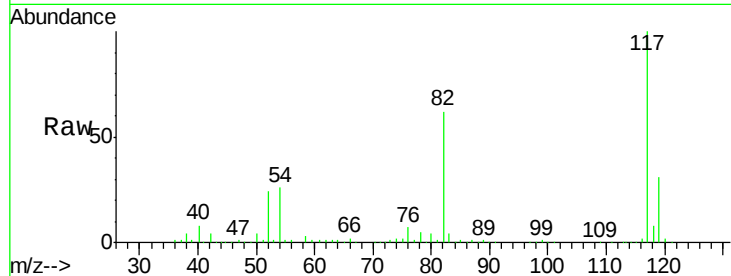




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
TR-05-090519

Tot Ion:117 Resp: 232661
Ion Ratio Lower Upper
117 100
82 61.6 39.4 59.0#
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012200.D
Acq: 08 Sep 2019 04:24

Tgt Ion:152 Resp: 101122
Ion Ratio Lower Upper
152 100
115 63.1 36.4 109.3
150 154.4 0.0 341.2

