

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011916.D
 Acq On : 30 Aug 2019 19:14
 Operator : SY/SP
 Sample : K4472-14
 Misc : 5.44g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S4-(2.5)

Quant Time: Aug 31 02:32:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	304750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	398804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	320964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124227	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	129896	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	
35) Dibromofluoromethane	5.48	113	120467	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	8.71	98	445469	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.14	95	136286	33.99	ug/l	0.00
Spiked Amount			Recovery	=	67.98%	

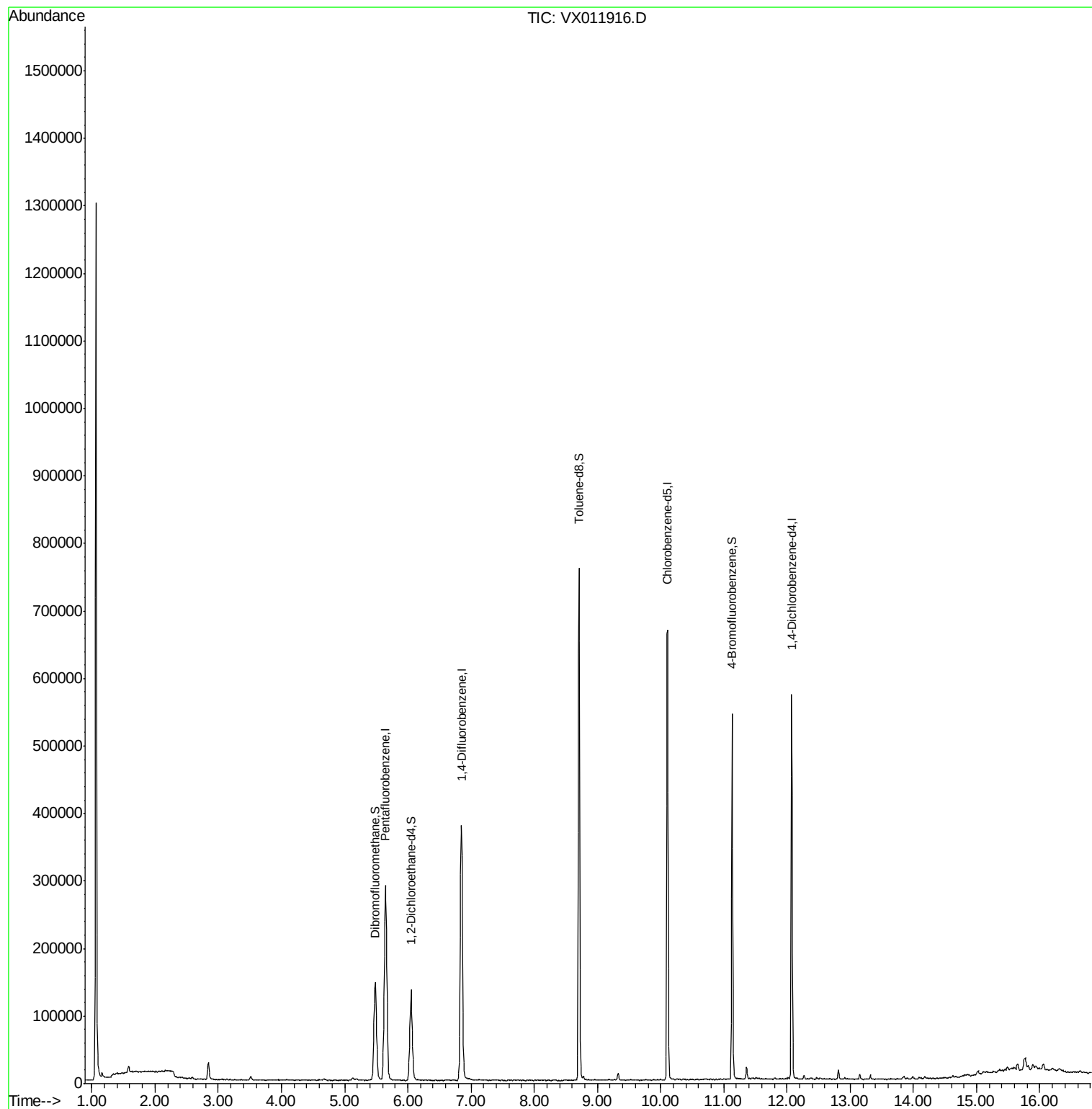
Target Compounds	Qvalue
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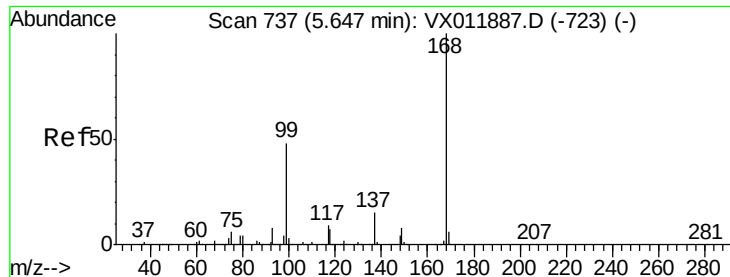
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011916.D

Acq: 30 Aug 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

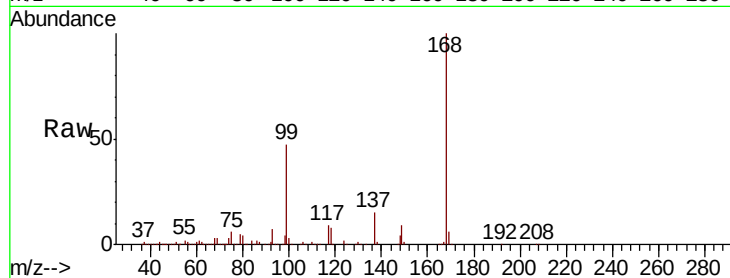
T2-S4-(2.5)

Tot Ion:168 Resp: 304750

Ion Ratio Lower Upper

168 100

99 47.0 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

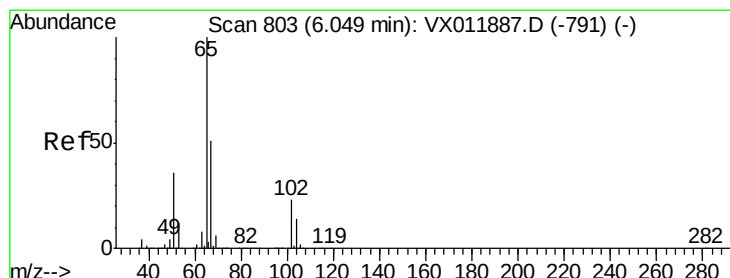
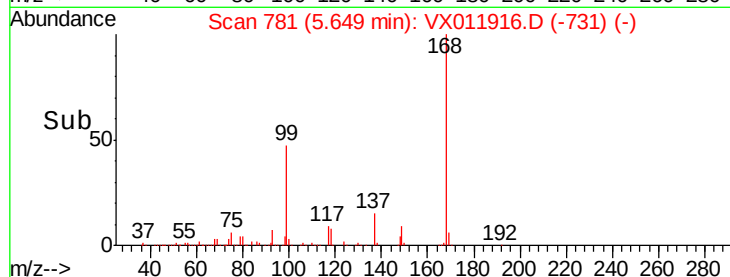
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.488 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011916.D

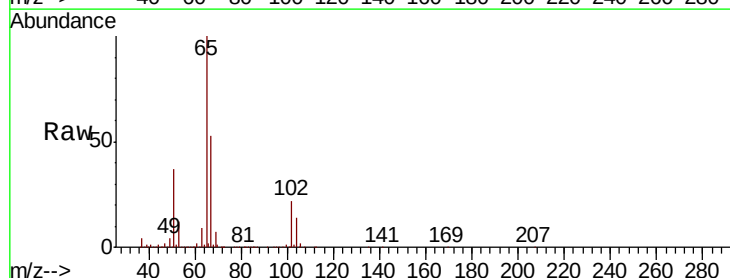
Acq: 30 Aug 2019 19:14

Tgt Ion: 65 Resp: 129896

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

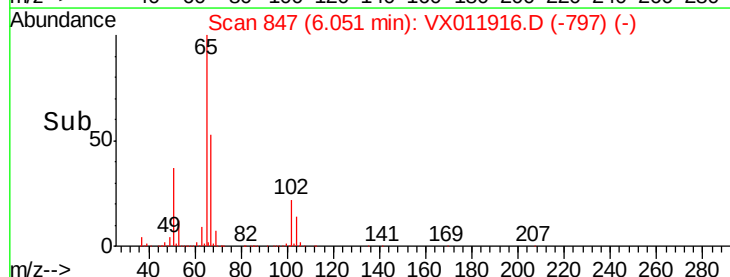
30000

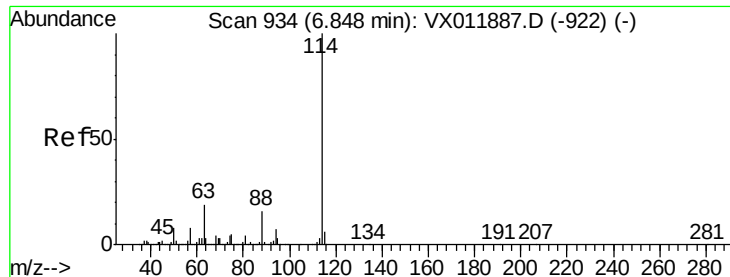
20000

10000

0

Time-->

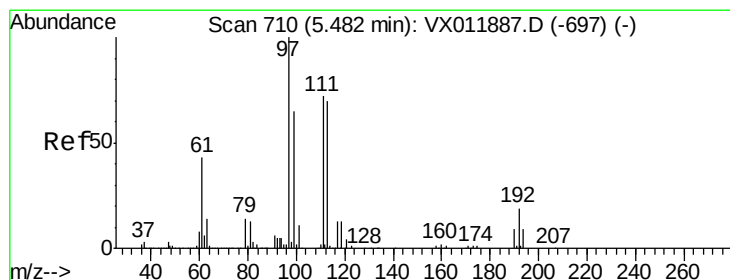
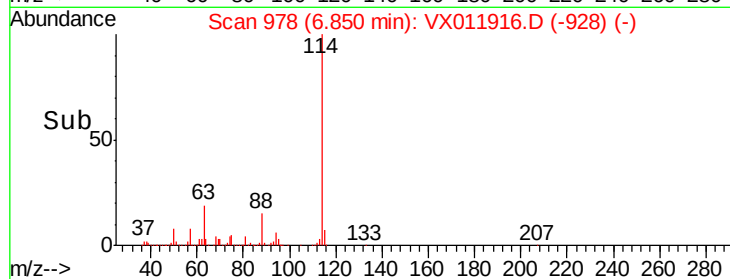
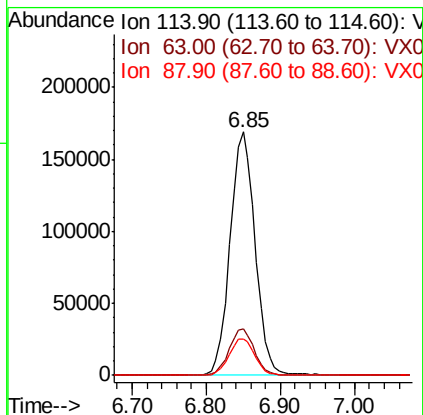
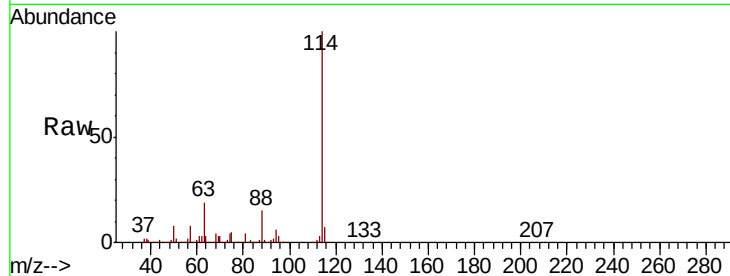




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011916.D
 Acq: 30 Aug 2019 19:14

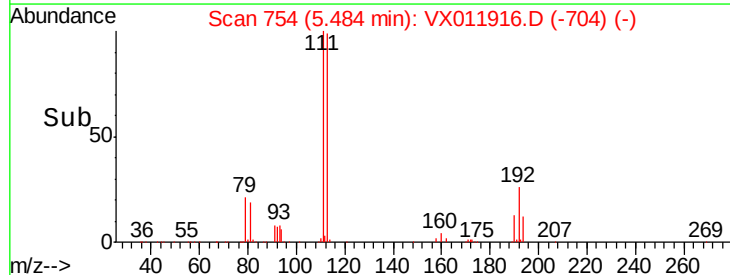
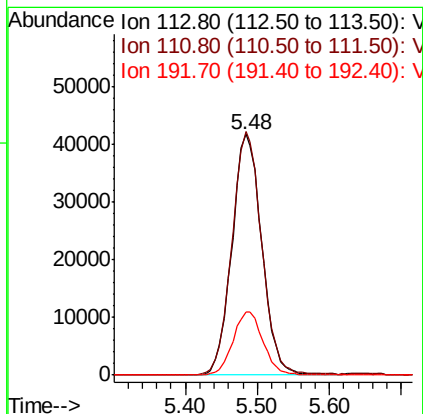
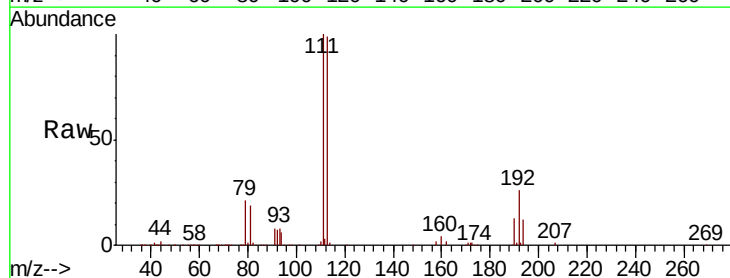
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S4-(2.5)

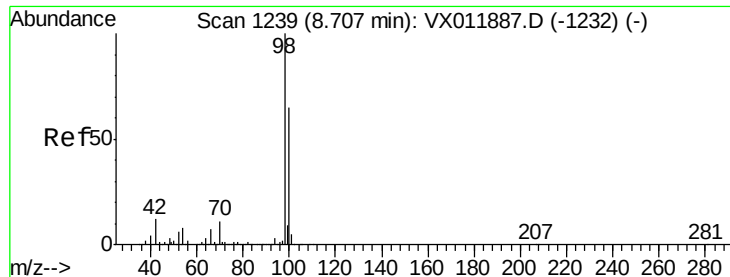
Tot Ion:114 Resp: 398804
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 14.9 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.107 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011916.D
 Acq: 30 Aug 2019 19:14

Tgt Ion:113 Resp: 120467
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.1 123.1
 192 26.5 21.5 32.3

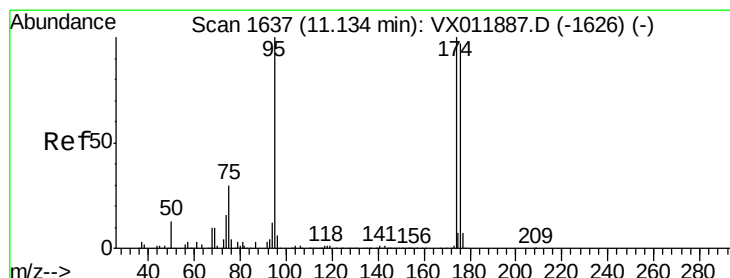
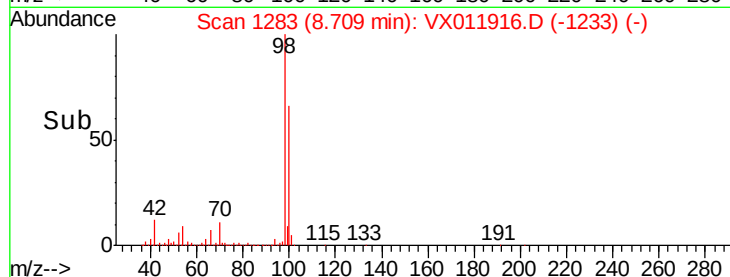
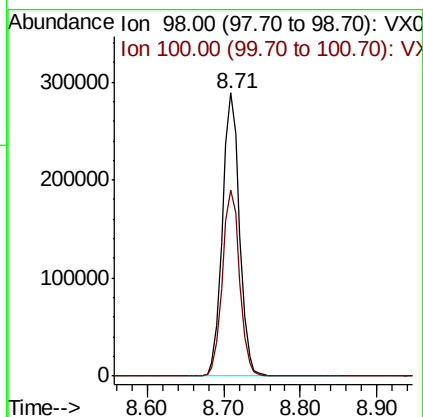
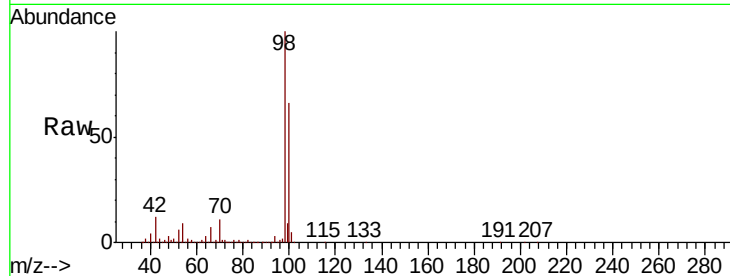




#50
Toluene-d8
Concen: 48.730 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011916.D
Acq: 30 Aug 2019 19:14

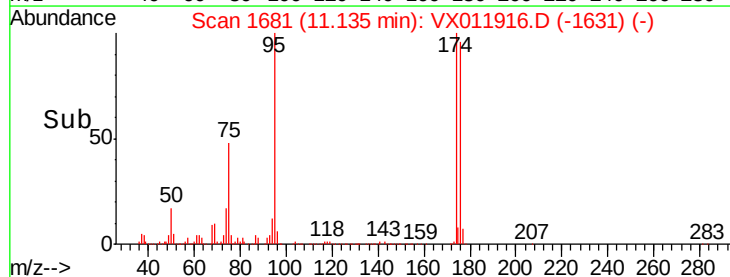
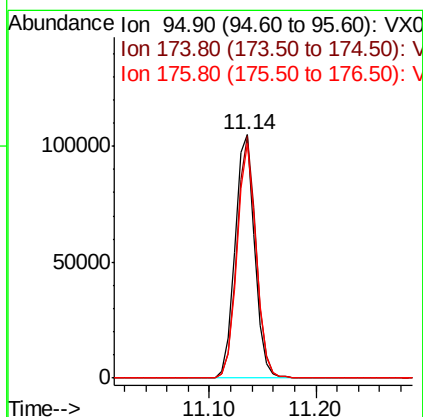
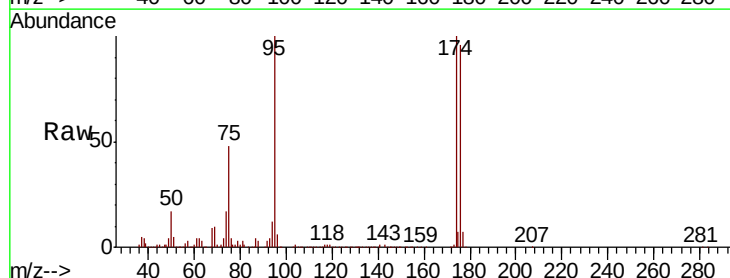
Instrument :
MSVOA_X
ClientSampleId :
T2-S4-(2.5)

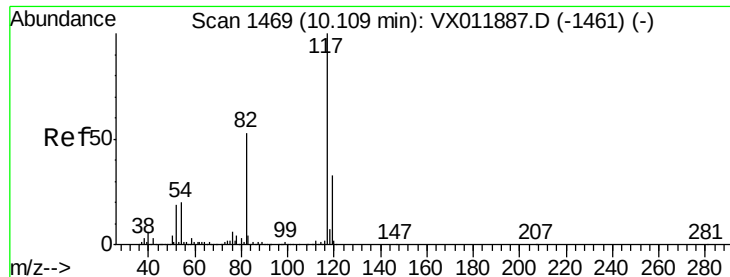
Tot Ion: 98 Resp: 445469
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 33.986 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011916.D
Acq: 30 Aug 2019 19:14

Tgt Ion: 95 Resp: 136286
Ion Ratio Lower Upper
95 100
174 97.5 0.0 196.0
176 93.7 0.0 191.4

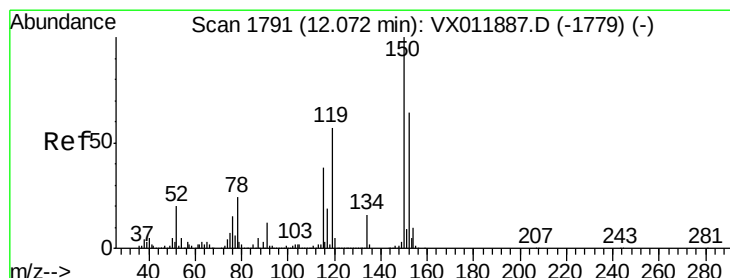
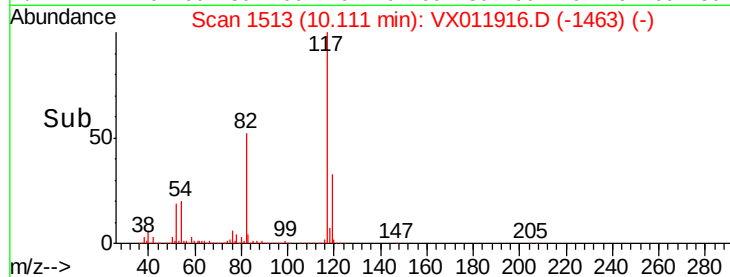
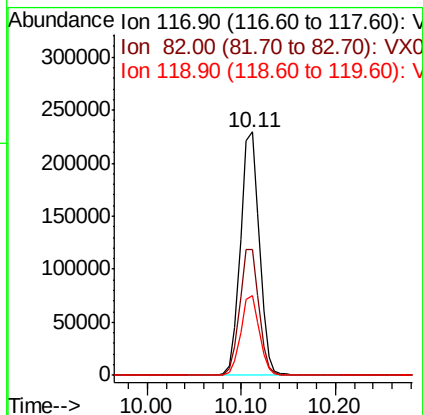
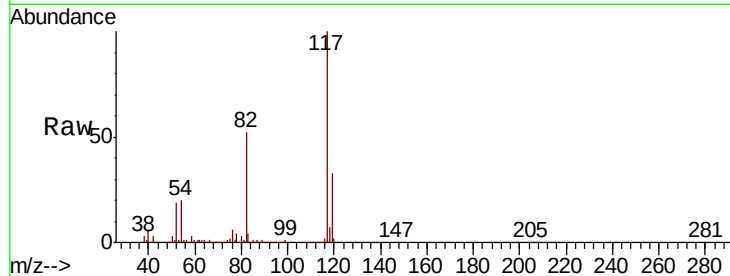




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011916.D
Acq: 30 Aug 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
T2-S4-(2.5)

Tot Ion:117 Resp: 320964
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011916.D
Acq: 30 Aug 2019 19:14

Tgt Ion:152 Resp: 124227
Ion Ratio Lower Upper
152 100
115 52.4 37.1 111.3
150 155.1 0.0 339.6

