

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013111.D
 Acq On : 17 Oct 2019 16:44
 Operator : JC/SP
 Sample : K5406-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Oct 18 09:11:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92372	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	106048	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
35) Dibromofluoromethane	5.49	113	81958	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	321672	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	102819	42.08	ug/l	0.00
Spiked Amount			Recovery	=	84.16%	

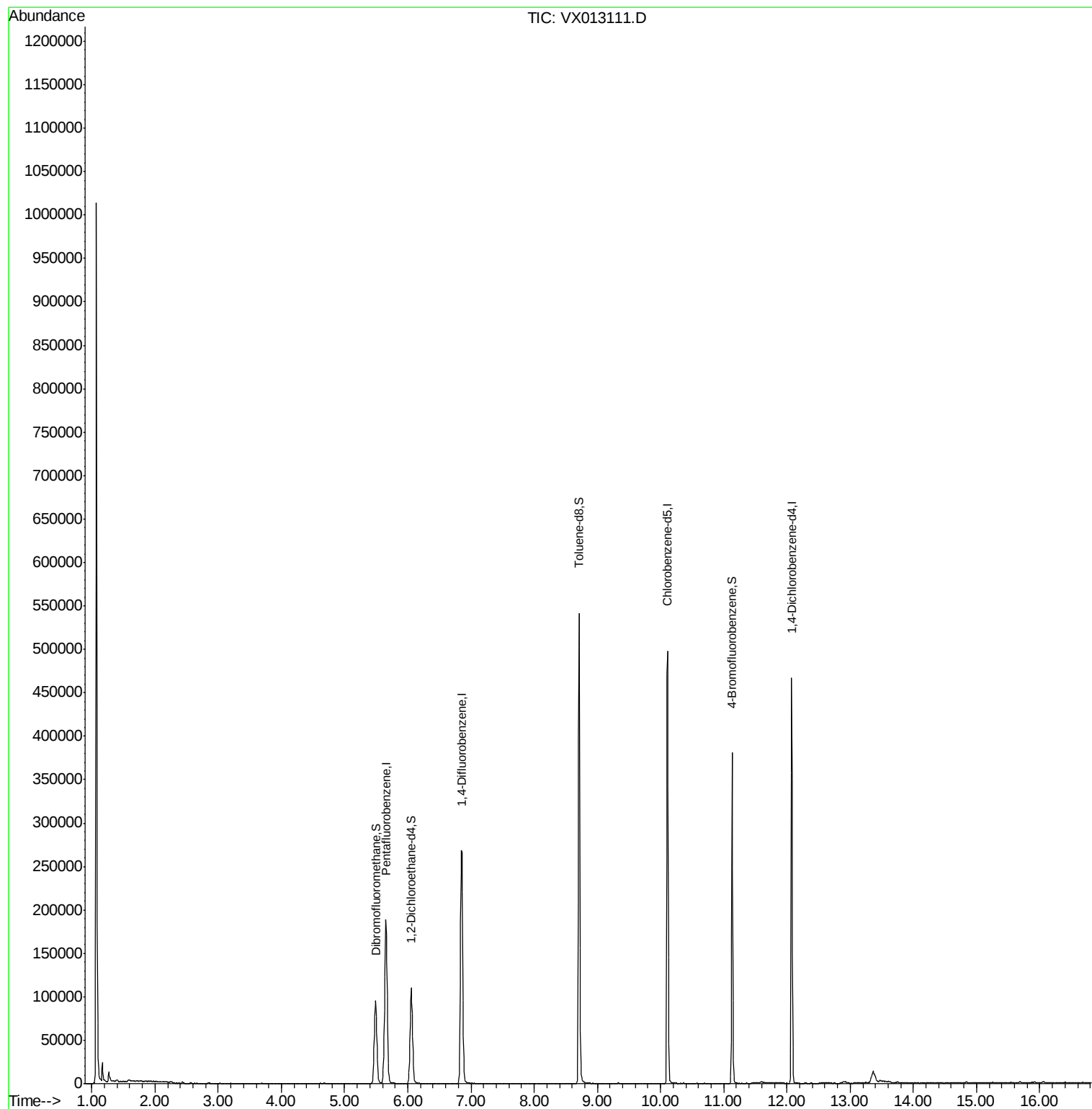
Target Compounds	Qvalue
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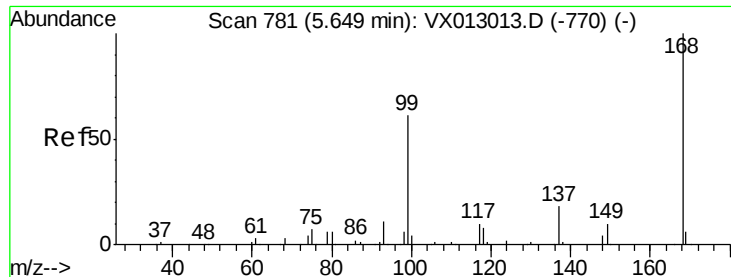
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013111.D

Acq: 17 Oct 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

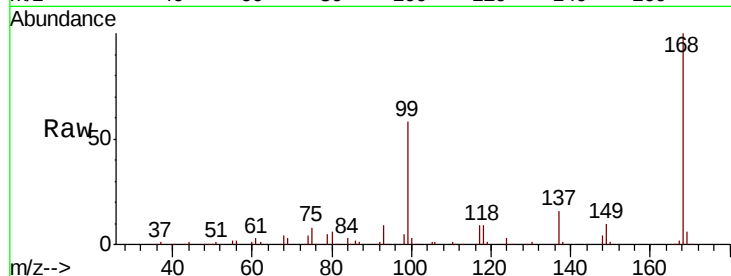
MW-3

Tot Ion:168 Resp: 177046

Ion Ratio Lower Upper

168 100

99 57.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

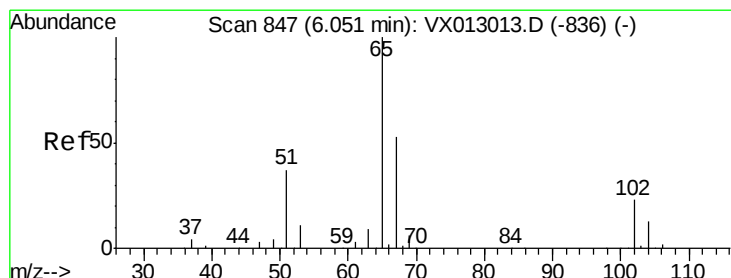
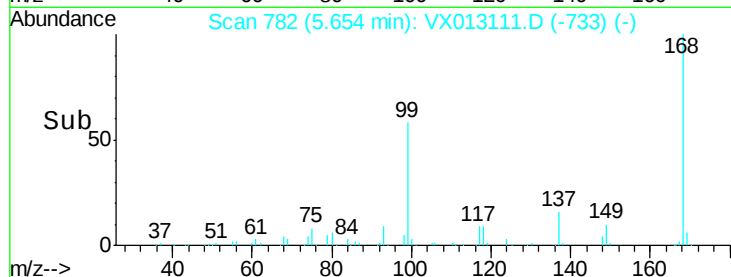
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.924 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013111.D

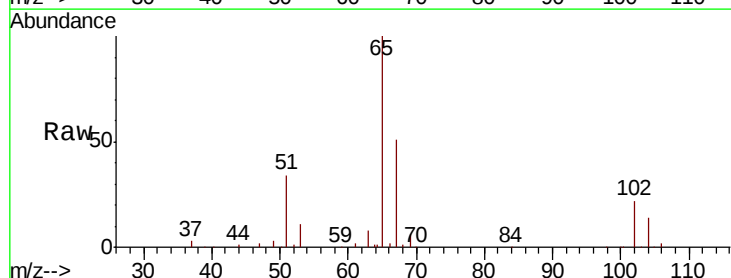
Acq: 17 Oct 2019 16:44

Tgt Ion: 65 Resp: 106048

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

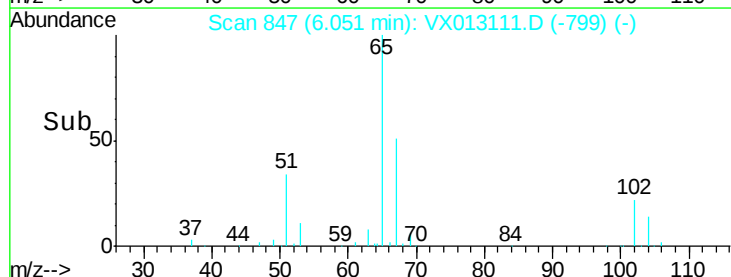
30000

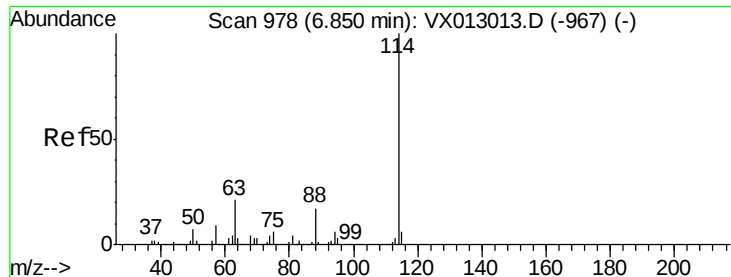
20000

10000

0

Time--> 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX013111.D

Acq: 17 Oct 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW-3

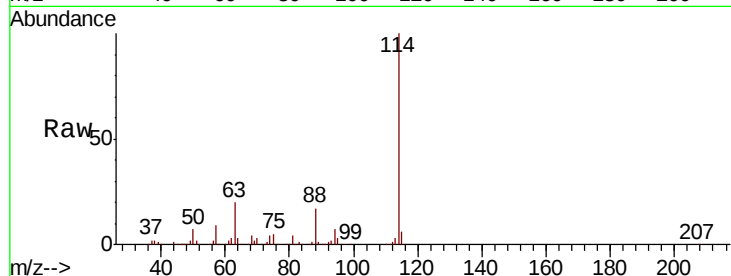
Tot Ion:114 Resp: 280932

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

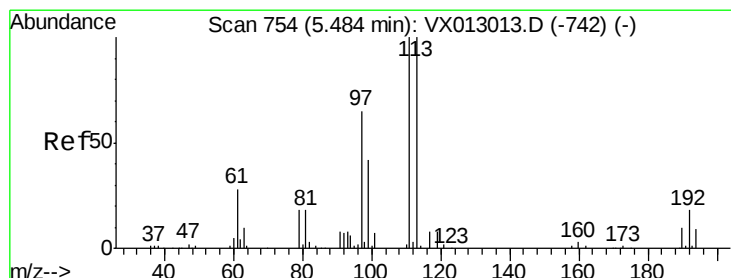
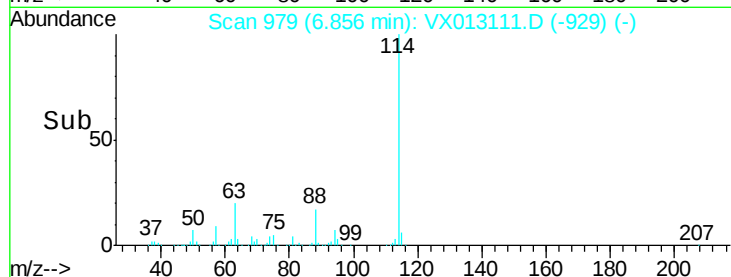
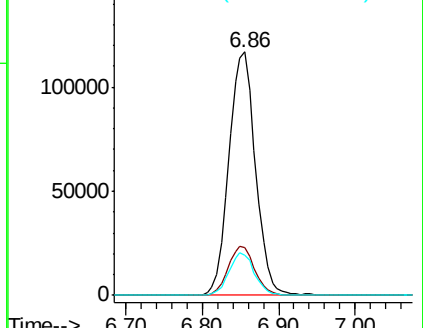
88 16.6 0.0 33.8



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: 50.830 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013111.D

Acq: 17 Oct 2019 16:44

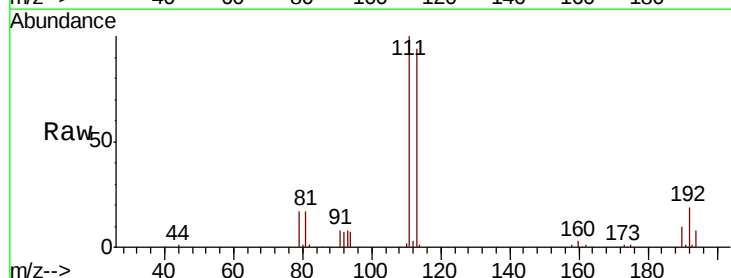
Tgt Ion:113 Resp: 81958

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

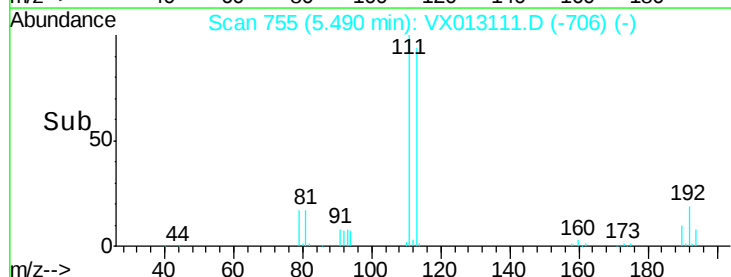
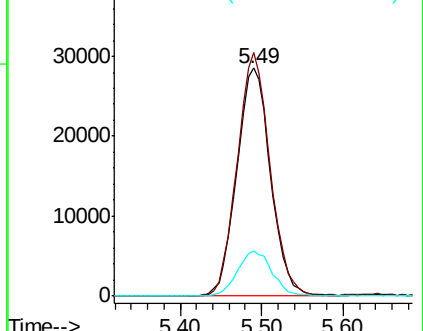
192 20.1 15.4 23.2

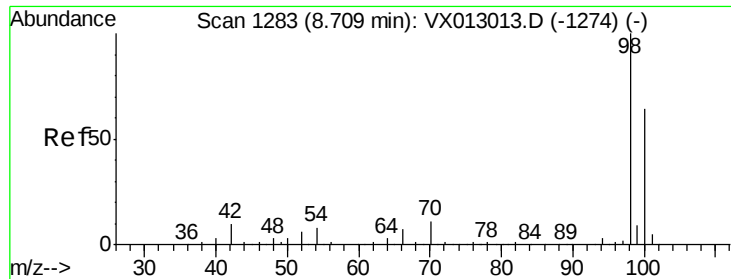


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

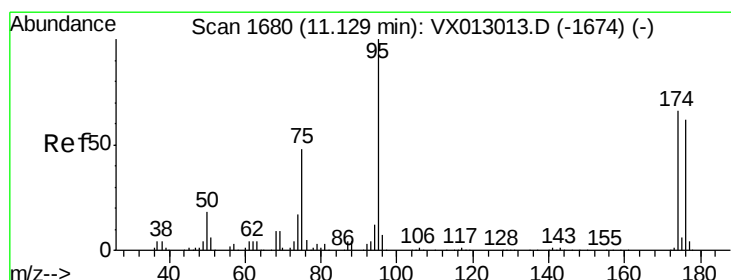
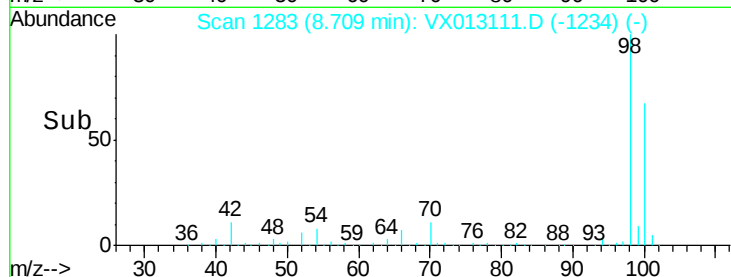
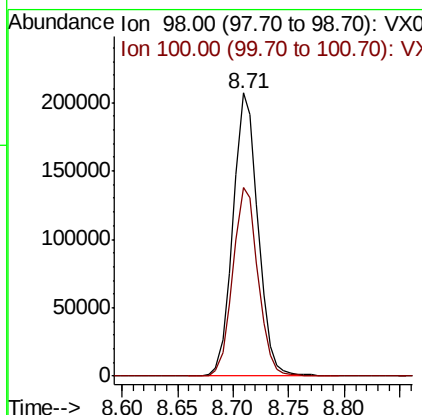
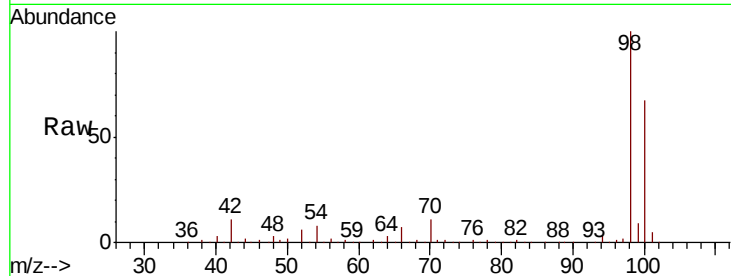




#50
Toluene-d8
Concen: 51.150 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013111.D
Acq: 17 Oct 2019 16:44

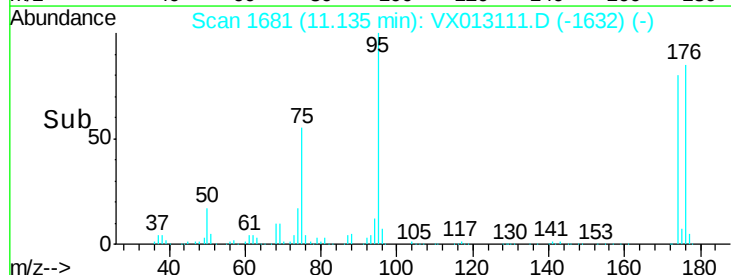
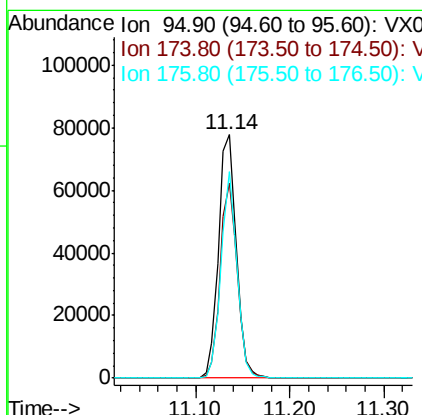
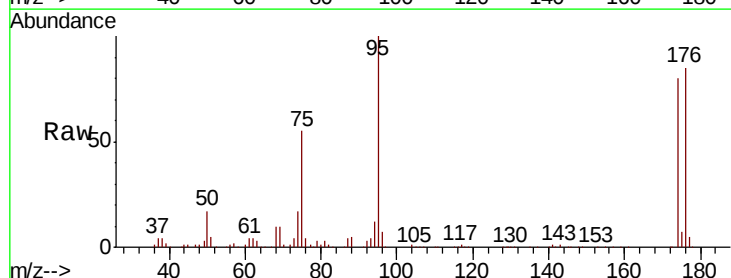
Instrument :
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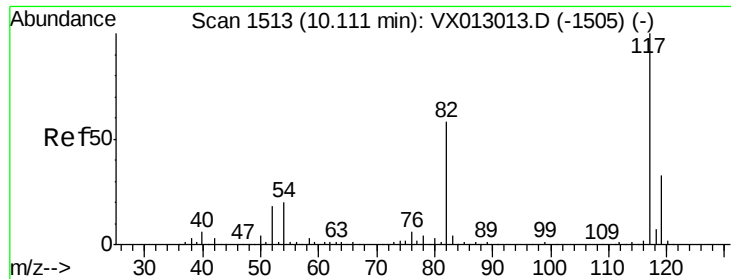
Tot Ion: 98 Resp: 321672
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 42.078 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013111.D
Acq: 17 Oct 2019 16:44

Tgt Ion: 95 Resp: 102819
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.4
176 76.1 0.0 136.0

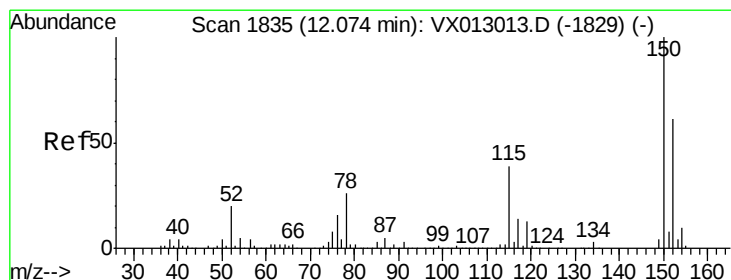
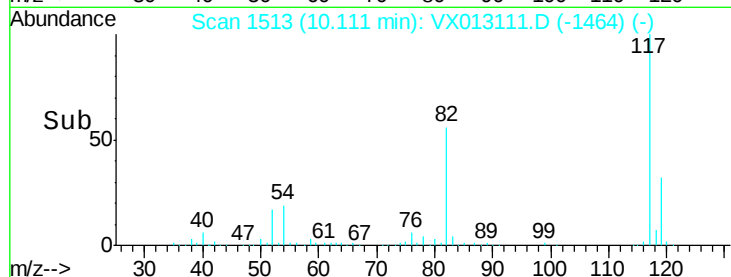
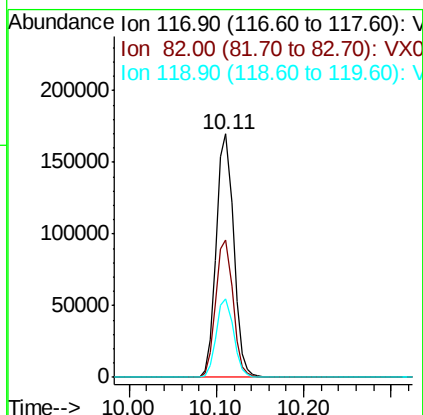
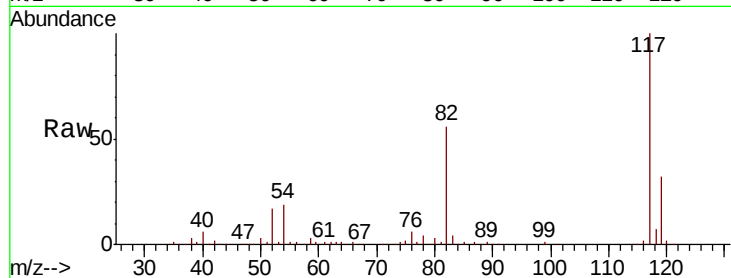




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013111.D
Acq: 17 Oct 2019 16:44

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:117 Resp: 234387
Ion Ratio Lower Upper
117 100
82 56.3 44.1 66.1
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013111.D
Acq: 17 Oct 2019 16:44

Tgt Ion:152 Resp: 92372
Ion Ratio Lower Upper
152 100
115 63.4 44.5 133.5
150 156.0 0.0 353.4

