

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
 Data File : VX004244.D
 Acq On : 24 Aug 2018 14:02
 Operator : JC/MD
 Sample : J4642-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2727

Quant Time: Aug 25 11:52:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	293847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	402777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234287	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	196803	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	5.50	113	173276	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	8.71	98	638334	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.14	95	219543	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	

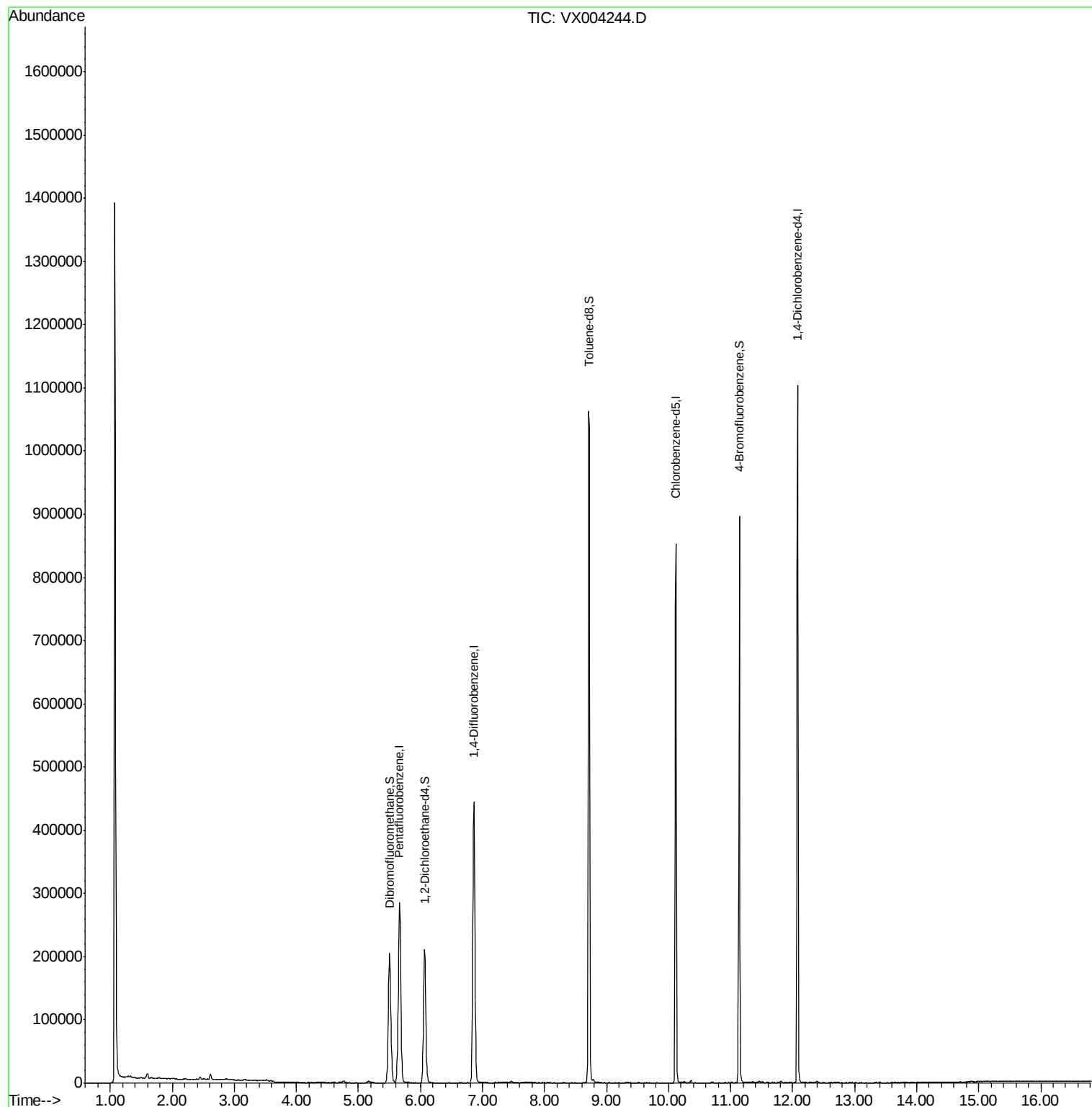
Target Compounds	Qvalue
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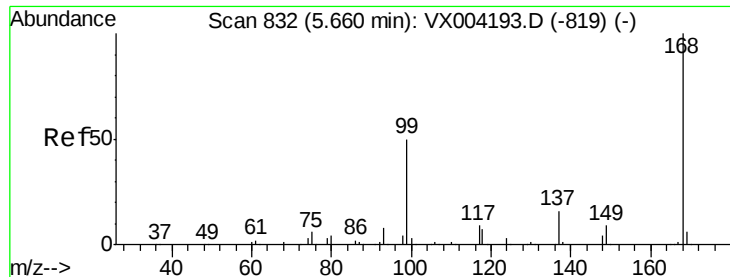
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004244.D

Acq: 24 Aug 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

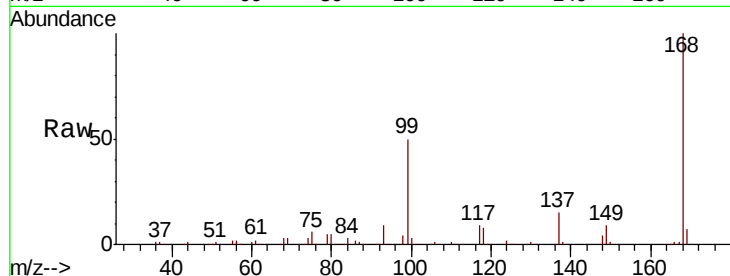
2727

Tgt Ion:168 Resp: 293847

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

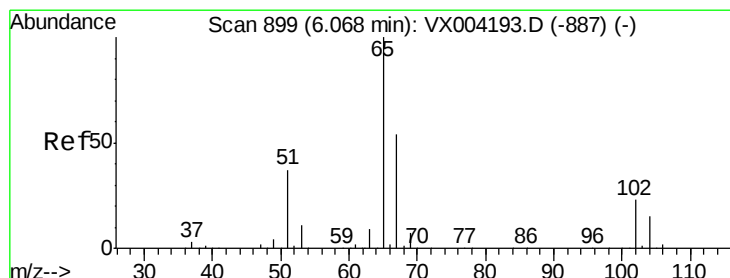
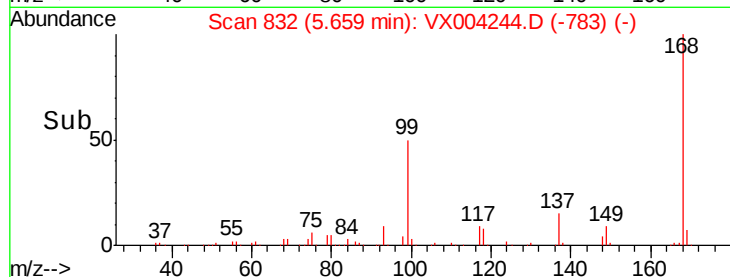
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.386 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004244.D

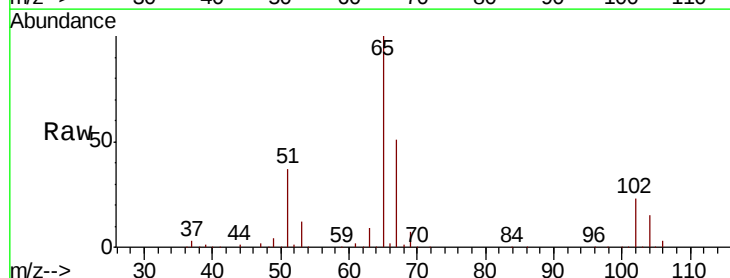
Acq: 24 Aug 2018 14:02

Tgt Ion: 65 Resp: 196803

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

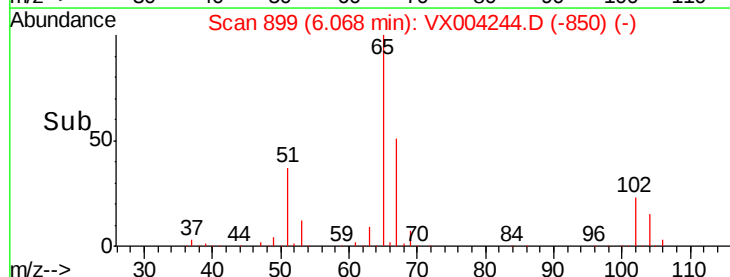
60000

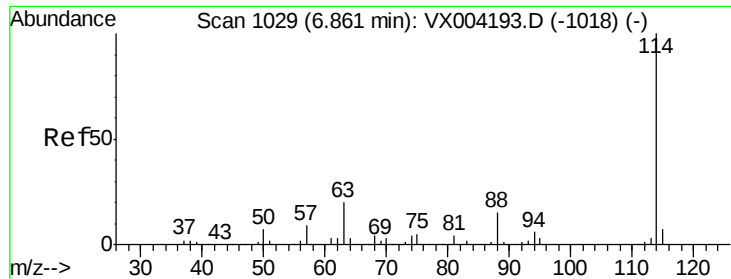
40000

20000

0

Time--> 6.00 6.10 6.20

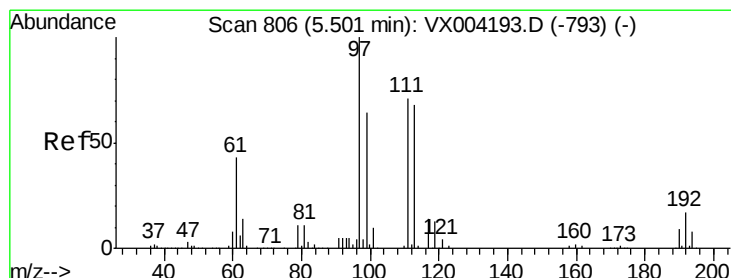
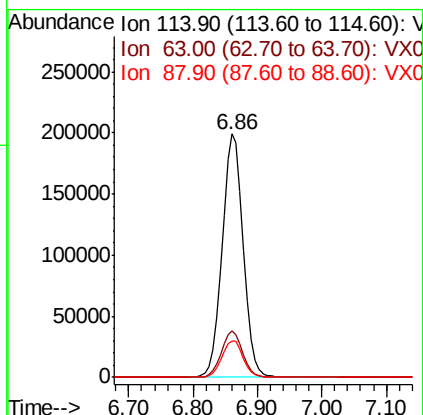
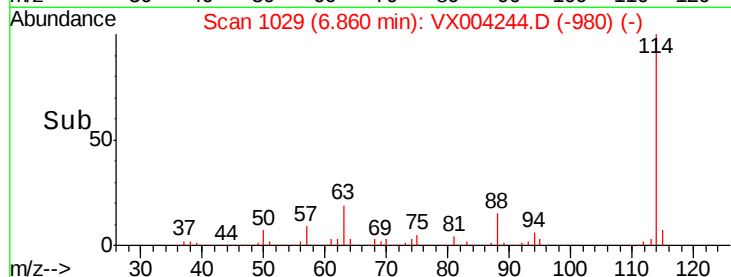
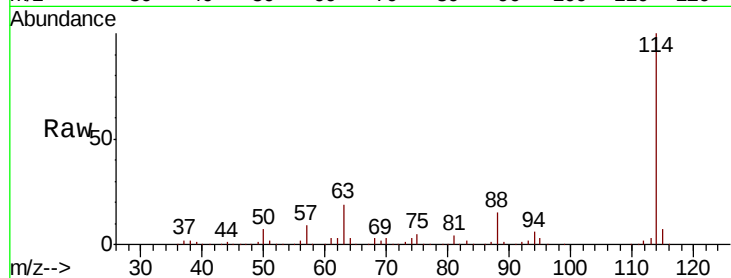




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VX004244.D
Acq: 24 Aug 2018 14:02

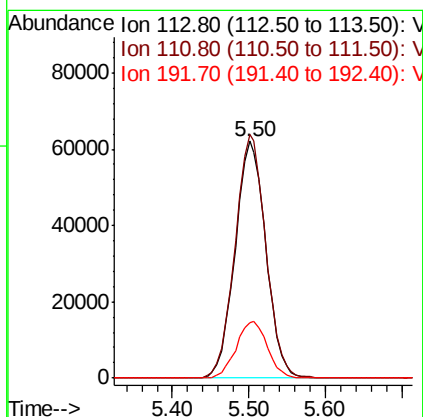
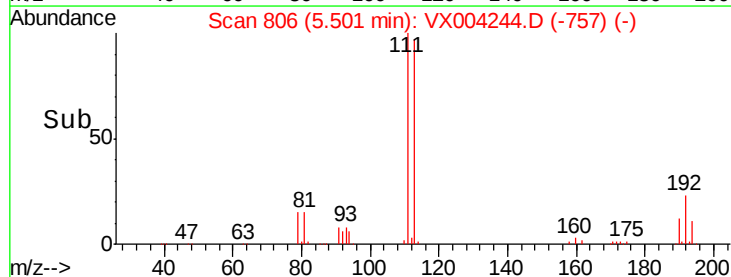
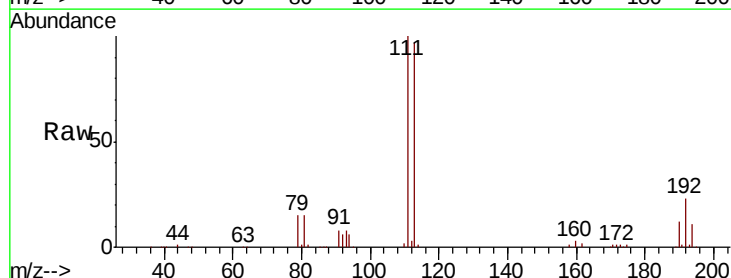
Instrument :
MSVOA_X
ClientSampled :
2727

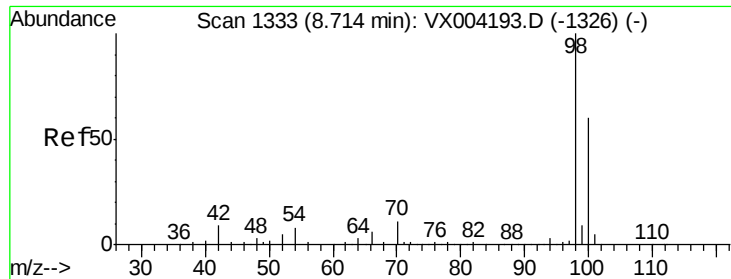
Tgt Ion:114 Resp: 459109
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.0
88 14.9 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.733 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004244.D
Acq: 24 Aug 2018 14:02

Tgt Ion:113 Resp: 173276
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 24.2 19.4 29.2

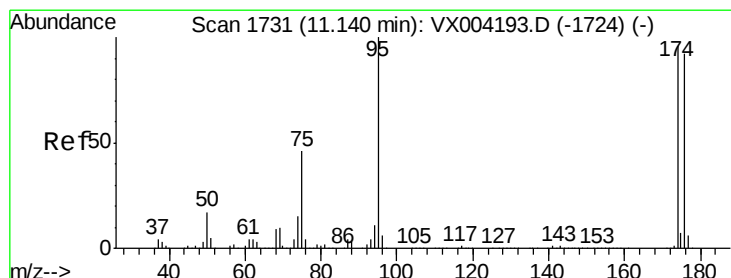
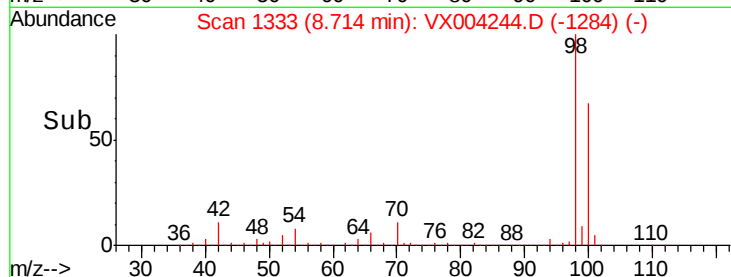
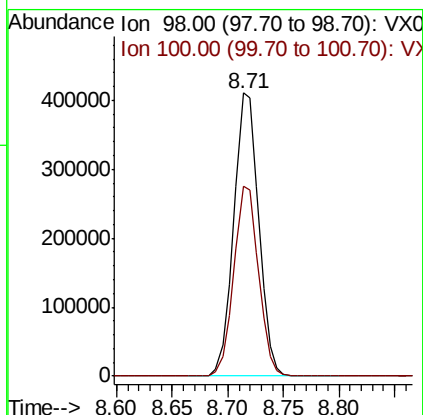
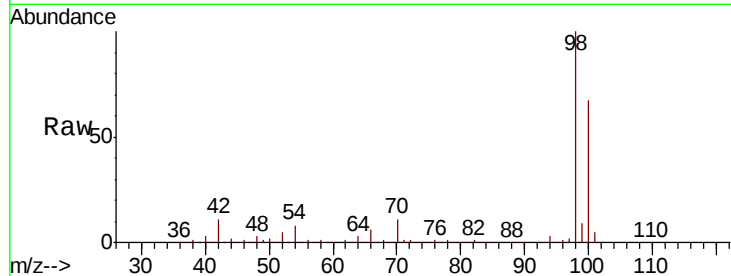




#50
Toluene-d8
Concen: 49.513 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004244.D
Acq: 24 Aug 2018 14:02

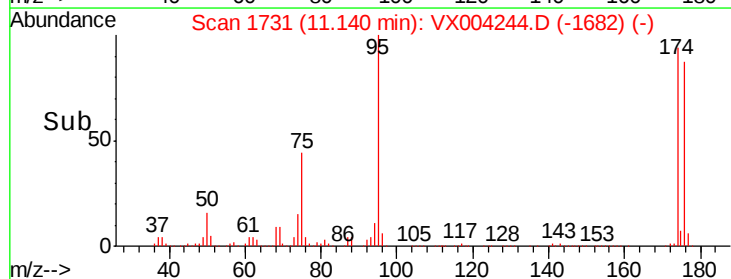
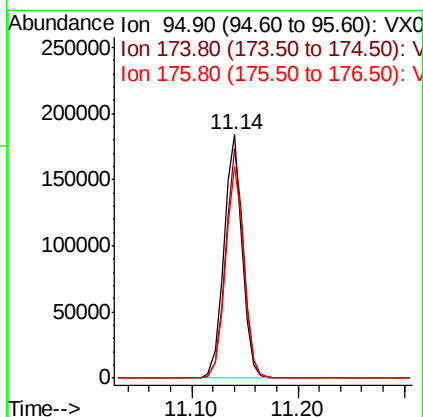
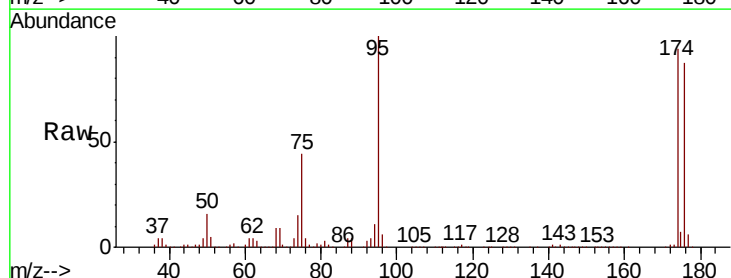
Instrument :
MSVOA_X
ClientSampleId :
2727

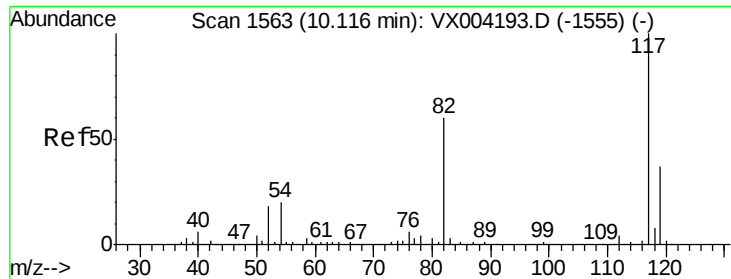
Tgt Ion: 98 Resp: 638334
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.639 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004244.D
Acq: 24 Aug 2018 14:02

Tgt Ion: 95 Resp: 219543
Ion Ratio Lower Upper
95 100
174 94.7 0.0 185.2
176 88.4 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004244.D

Acq: 24 Aug 2018 14:02

Instrument :

MSVOA_X

ClientSampleId :

2727

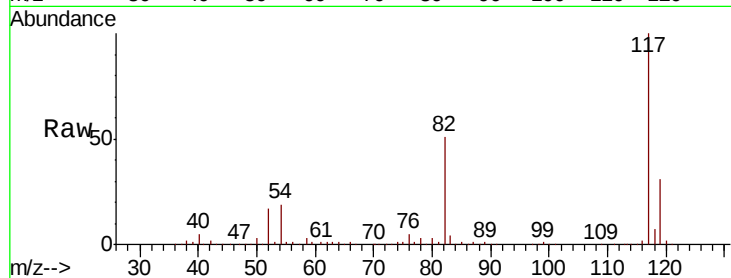
Tgt Ion:117 Resp: 402777

Ion Ratio Lower Upper

117 100

82 51.2 47.8 71.6

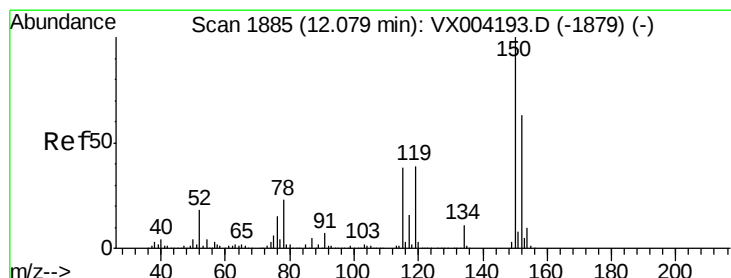
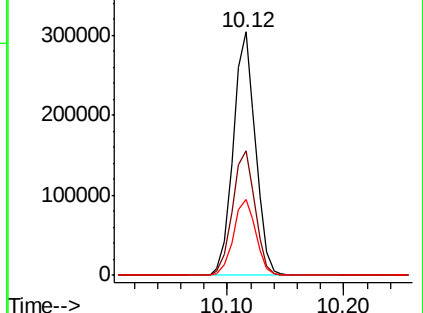
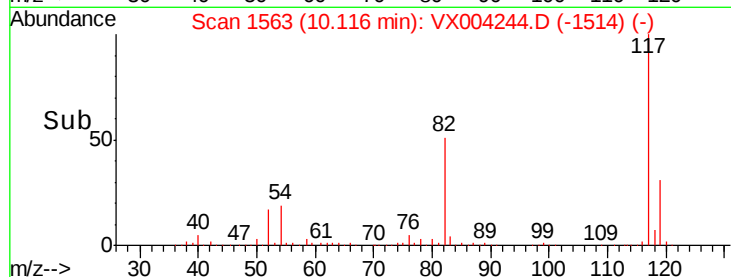
119 31.2 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004244.D

Acq: 24 Aug 2018 14:02

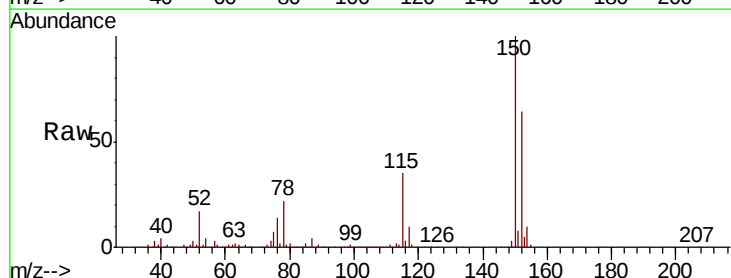
Tgt Ion:152 Resp: 234287

Ion Ratio Lower Upper

152 100

115 53.8 39.0 117.0

150 155.6 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

