

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004587.D
 Acq On : 15 Sep 2018 16:27
 Operator : JC/MD
 Sample : J4922-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-4

Quant Time: Sep 17 09:59:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183576	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	148563	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	142389	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	
50) Toluene-d8	8.72	98	485981	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.14	95	173247	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	

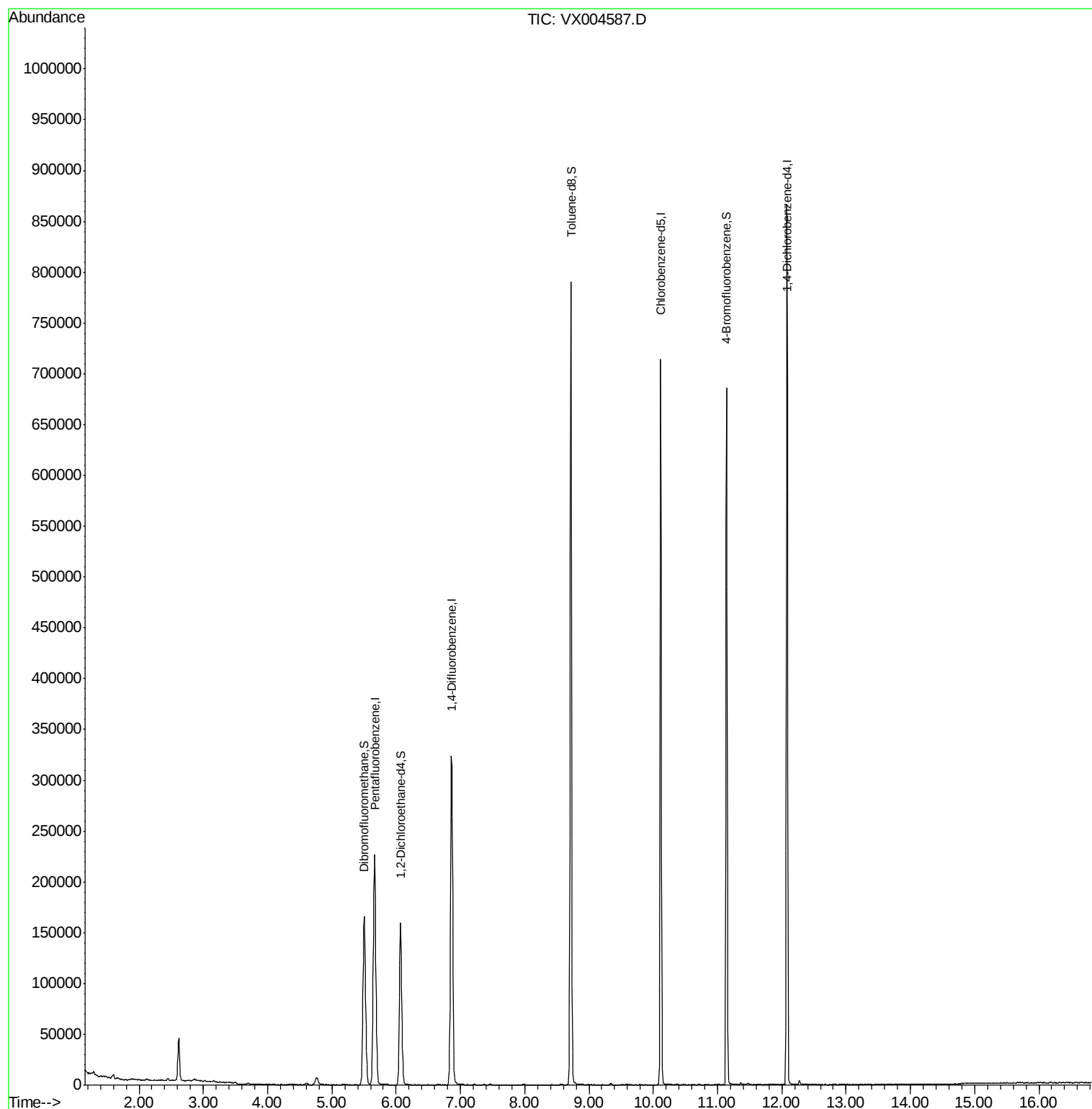
Target Compounds	Qvalue
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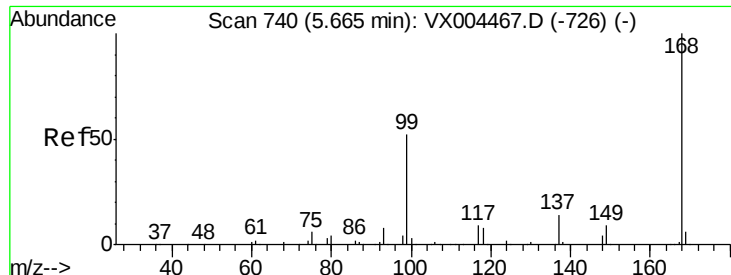
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004587.D

Acq: 15 Sep 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

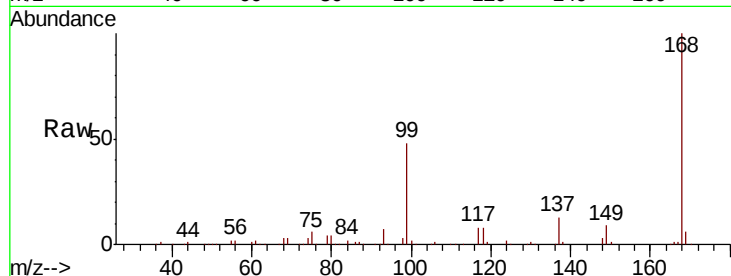
PZ-4

Tot Ion:168 Resp: 234789

Ion Ratio Lower Upper

168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

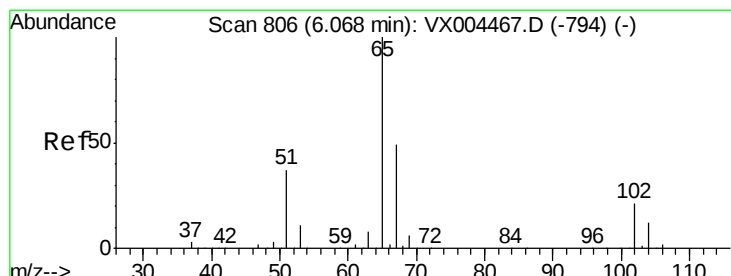
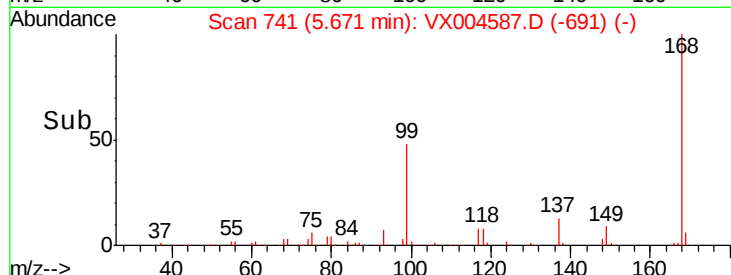
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.07 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004587.D

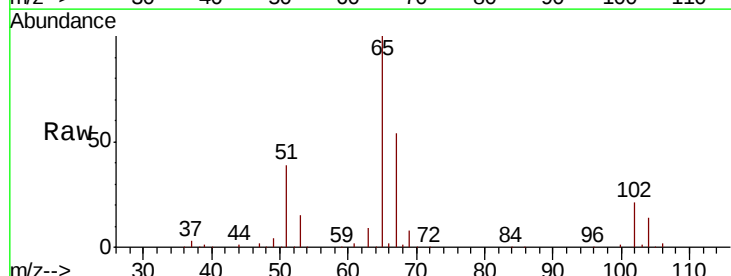
Acq: 15 Sep 2018 16:27

Tgt Ion: 65 Resp: 148563

Ion Ratio Lower Upper

65 100

67 54.9 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

60000

50000

40000

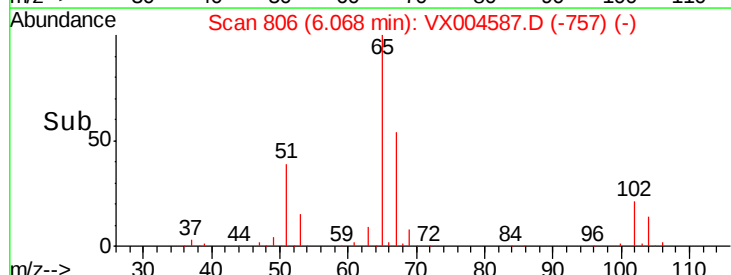
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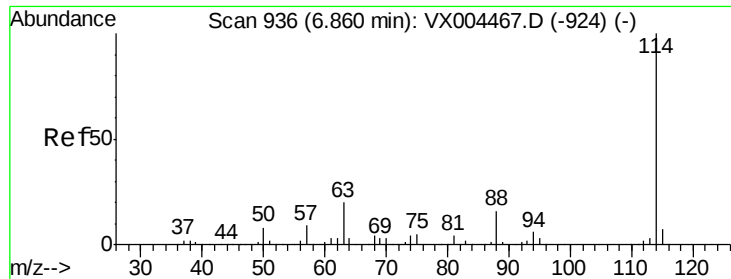
20000

10000

0

Time--> 6.00 6.10 6.20

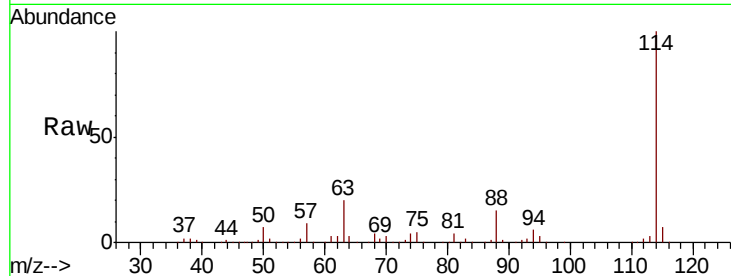




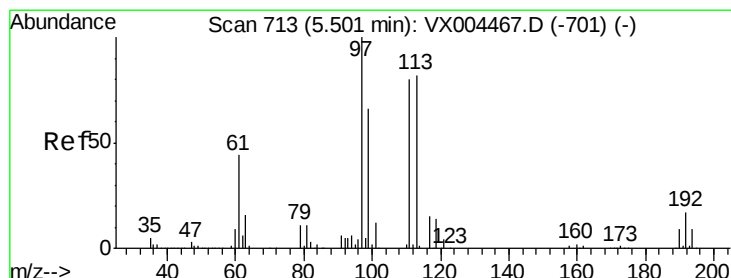
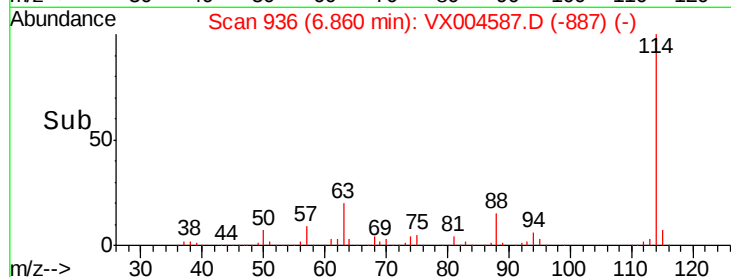
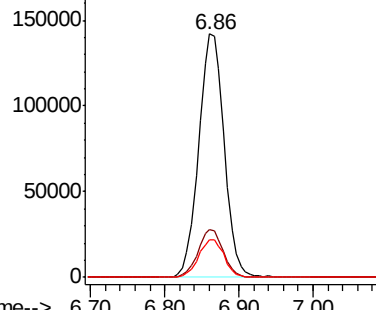
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004587.D
 Acq: 15 Sep 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.2	0.0	30.4

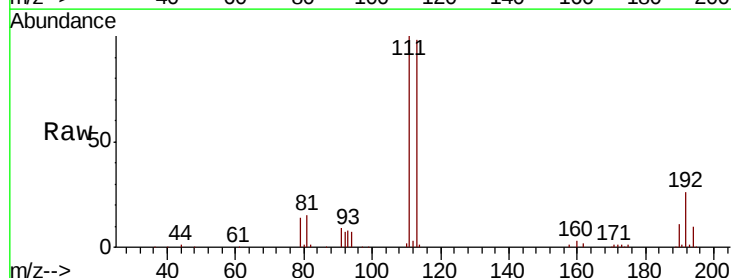


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

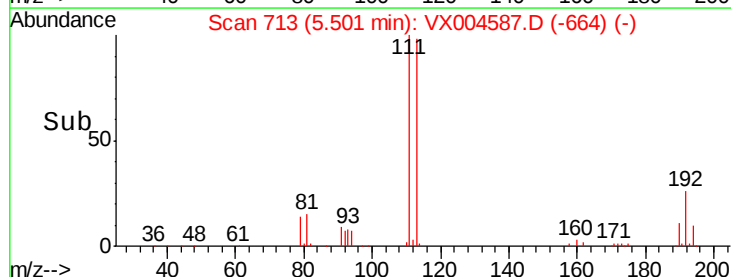
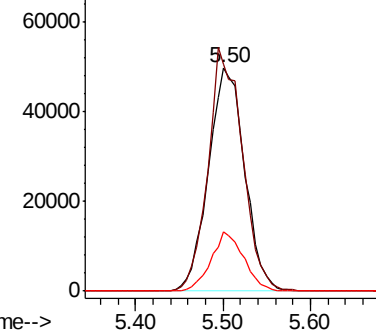


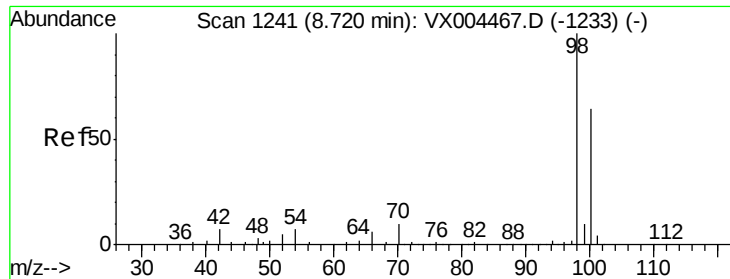
#35
 Dibromofluoromethane
 Concen: 45.74 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004587.D
 Acq: 15 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	24.1	19.4	29.2



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

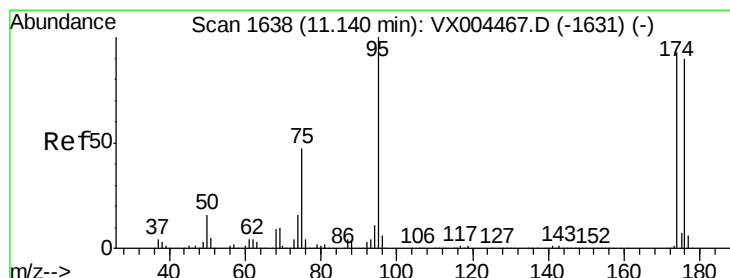
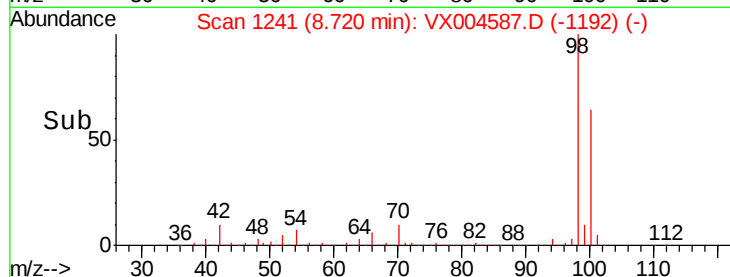
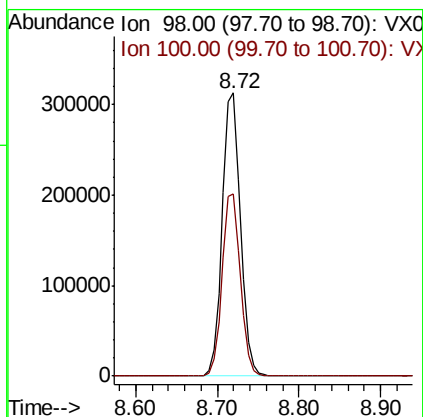
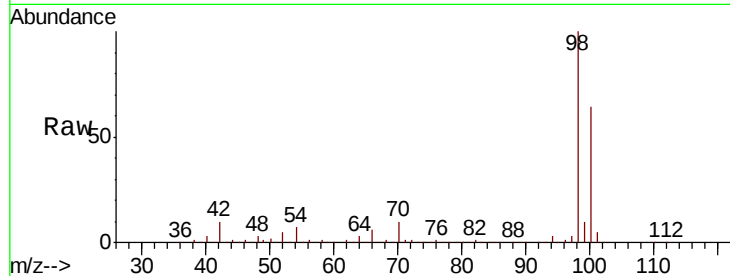




#50
Toluene-d8
Concen: 46.55 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004587.D
Acq: 15 Sep 2018 16:27

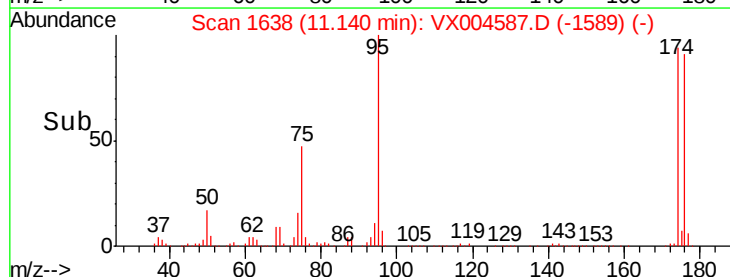
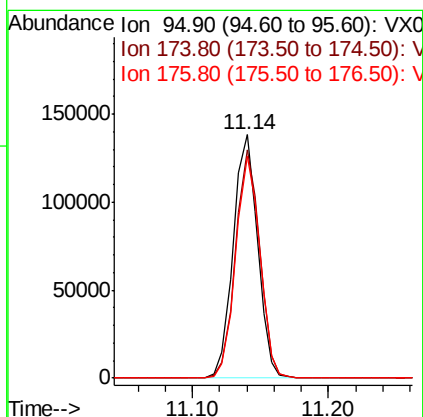
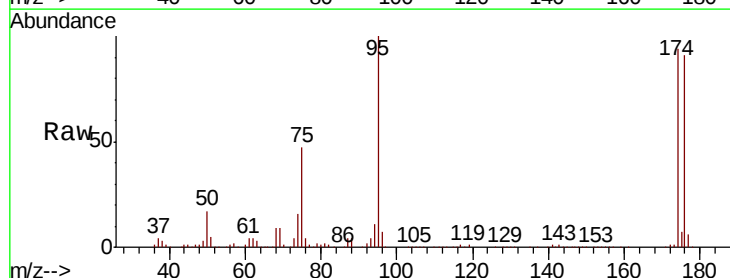
Instrument :
MSVOA_X
ClientSampleId :
PZ-4

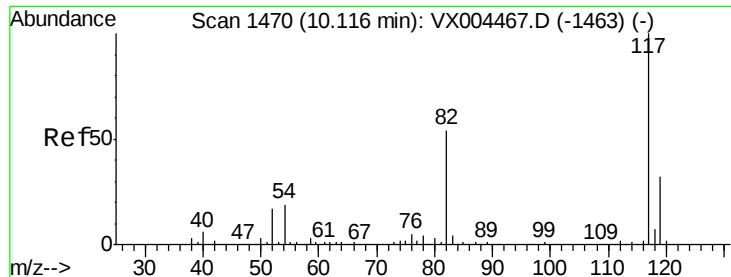
Tot Ion: 98 Resp: 485981
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.49 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004587.D
Acq: 15 Sep 2018 16:27

Tgt Ion: 95 Resp: 173247
Ion Ratio Lower Upper
95 100
174 93.3 0.0 185.2
176 90.6 0.0 178.6

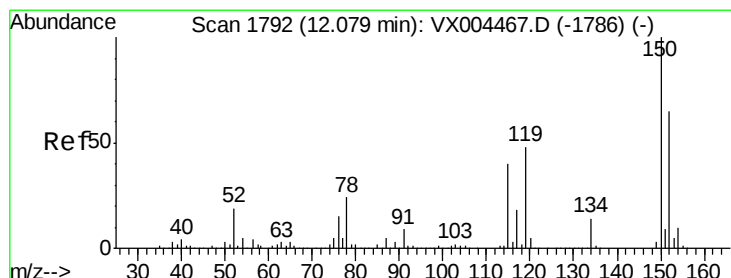
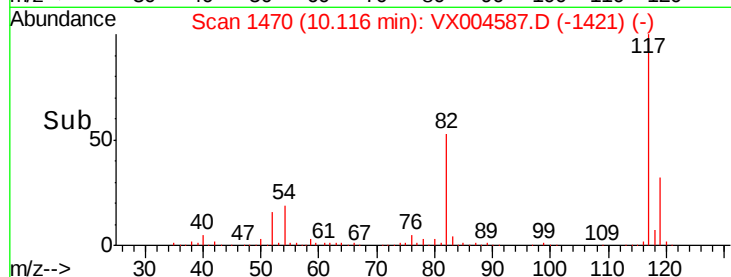
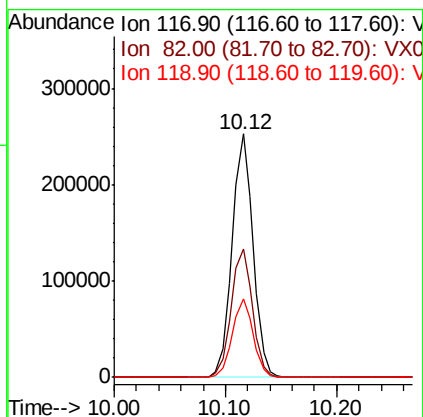
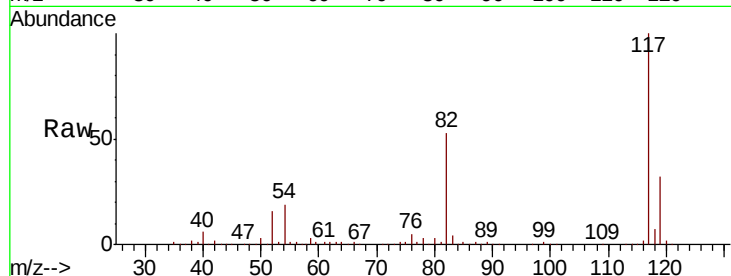




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004587.D
Acq: 15 Sep 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
PZ-4

Tot Ion:117 Resp: 327970
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 32.0 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004587.D
Acq: 15 Sep 2018 16:27

Tgt Ion:152 Resp: 183576
Ion Ratio Lower Upper
152 100
115 54.5 39.0 117.0
150 156.4 0.0 351.0

