

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004518.D
 Acq On : 13 Sep 2018 16:08
 Operator : JC/MD
 Sample : J4892-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091218

Quant Time: Sep 15 11:25:54 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	5.66	168	253785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185061	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	171836	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
35) Dibromofluoromethane	5.50	113	159474	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	8.72	98	522148	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	176791	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	

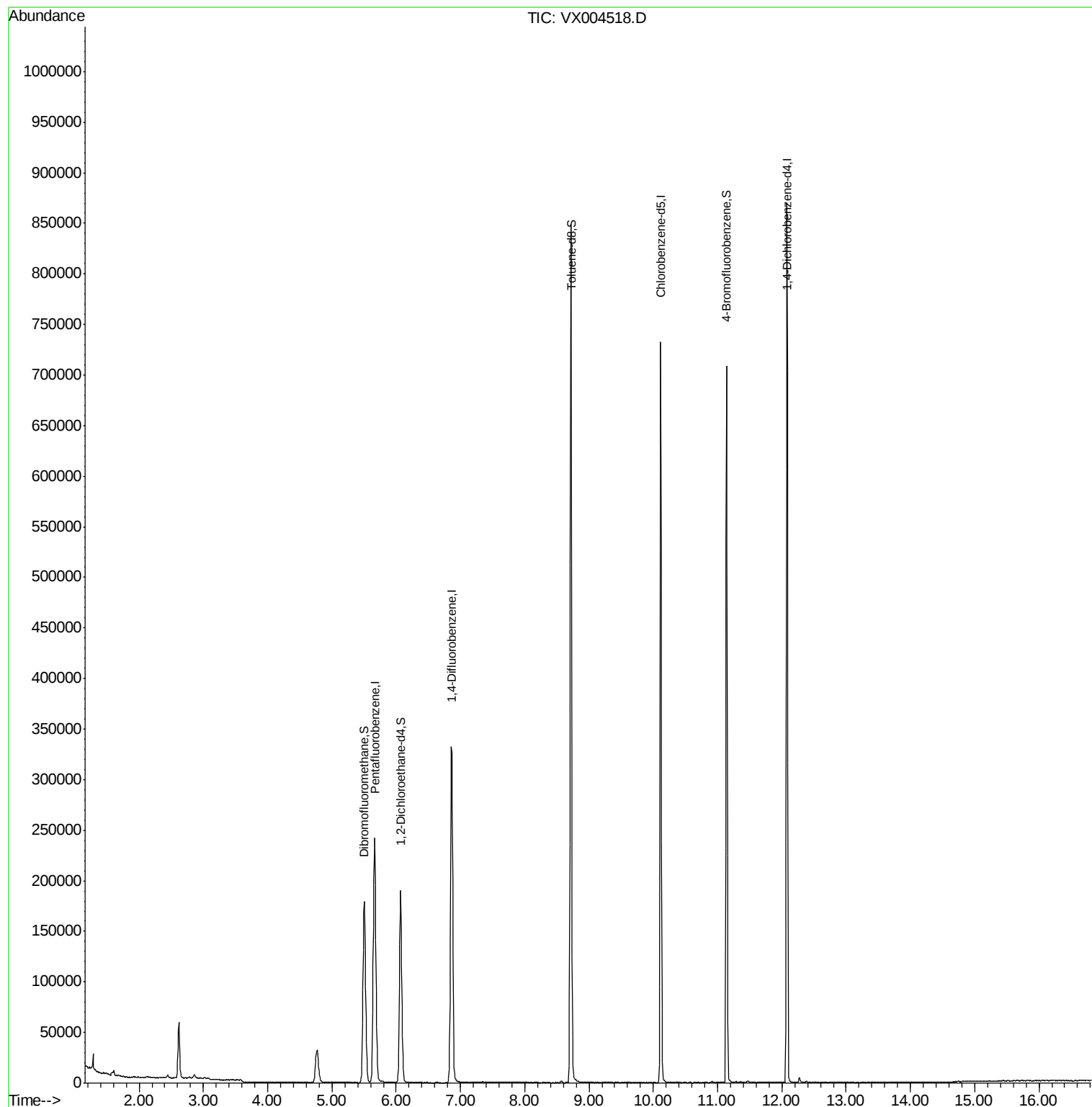
Target Compounds	Qvalue
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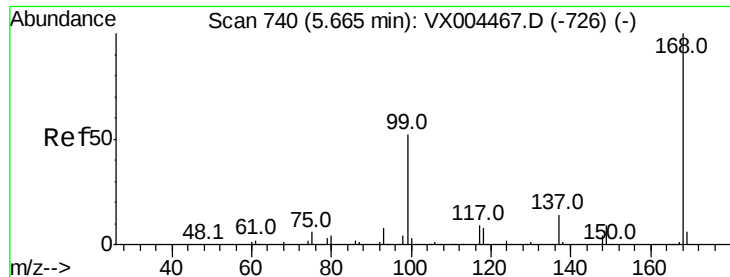
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004518.D

Acq: 13 Sep 2018 16:08

Instrument :

MSVOA_X

ClientSampleId :

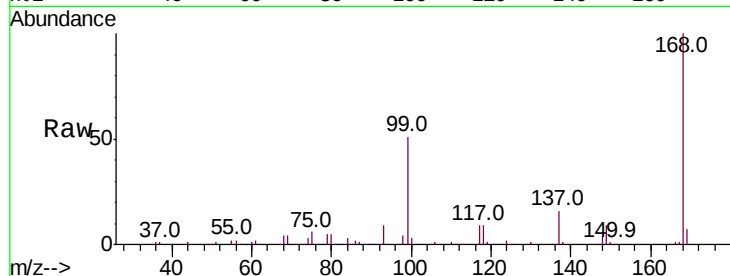
FB-091218

Tot Ion:168 Resp: 253785

Ion Ratio Lower Upper

168 100

99 50.6 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

80000

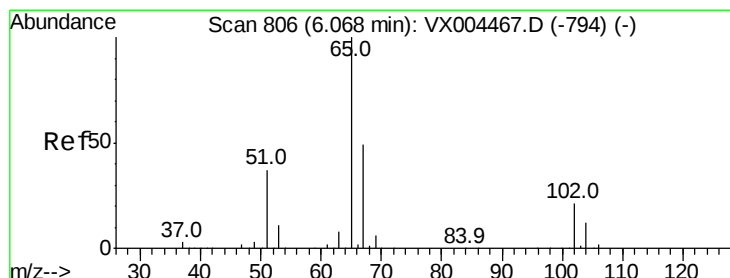
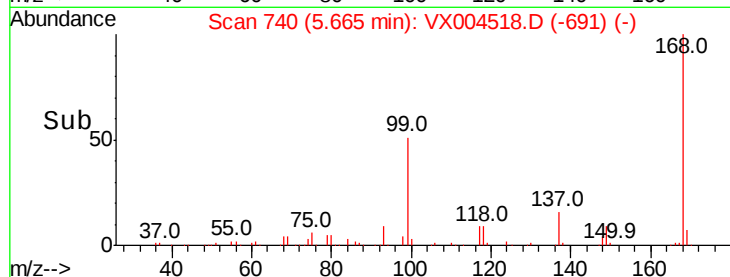
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.512 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004518.D

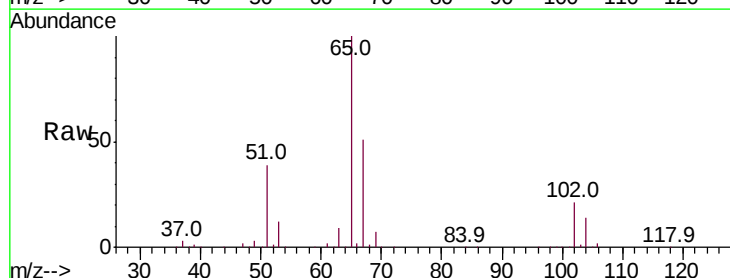
Acq: 13 Sep 2018 16:08

Tgt Ion: 65 Resp: 171836

Ion Ratio Lower Upper

65 100

67 55.2 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

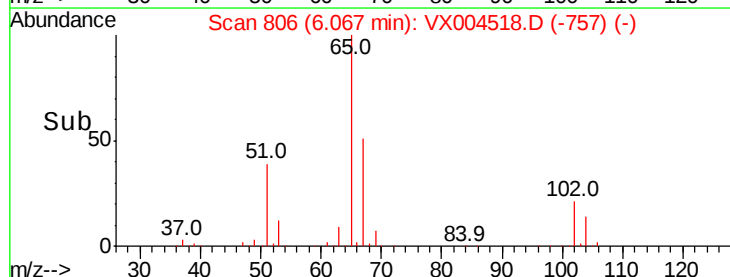
60000

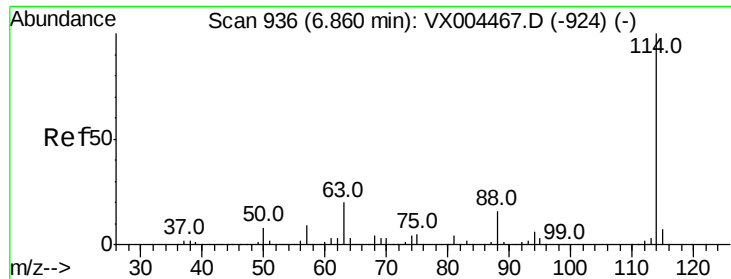
40000

20000

0

Time--> 6.00 6.10 6.20

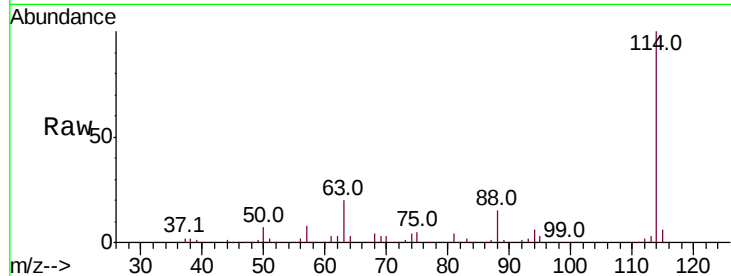




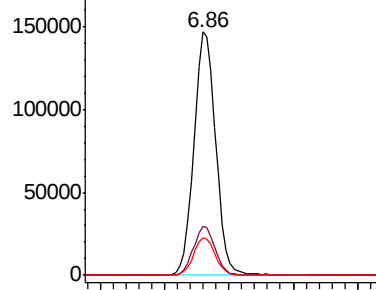
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004518.D
 Acq: 13 Sep 2018 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091218

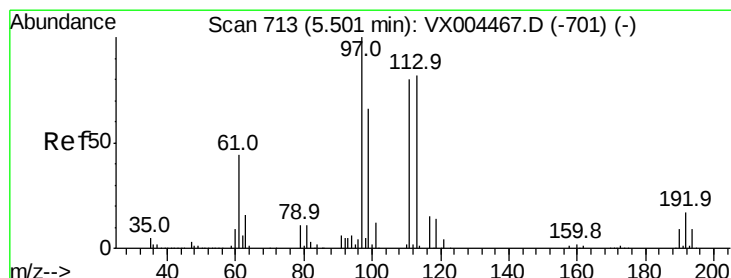
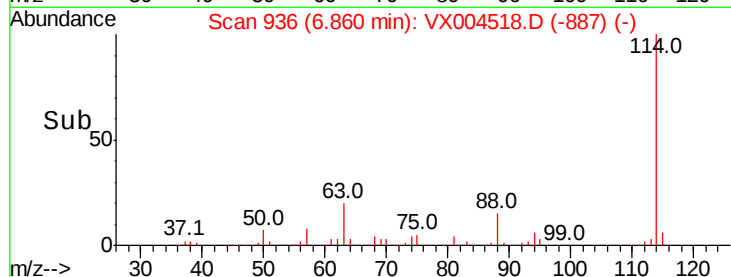
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.2	0.0	30.4



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

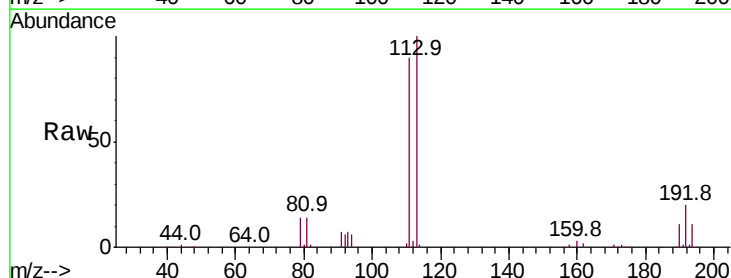


Time--> 6.70 6.80 6.90 7.00 7.10

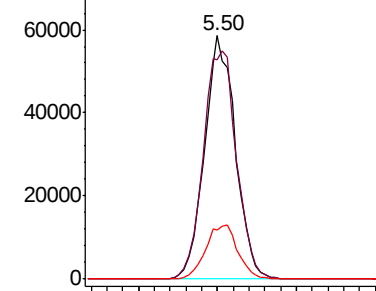


#35
 Dibromofluoromethane
 Concen: 49.494 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004518.D
 Acq: 13 Sep 2018 16:08

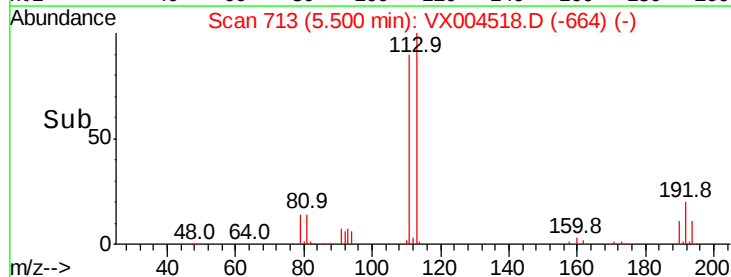
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	23.2	19.4	29.2

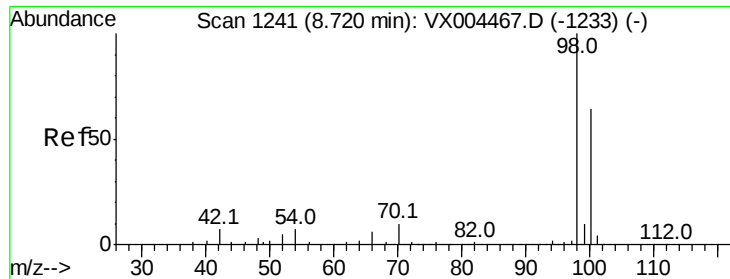


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time--> 5.40 5.50 5.60

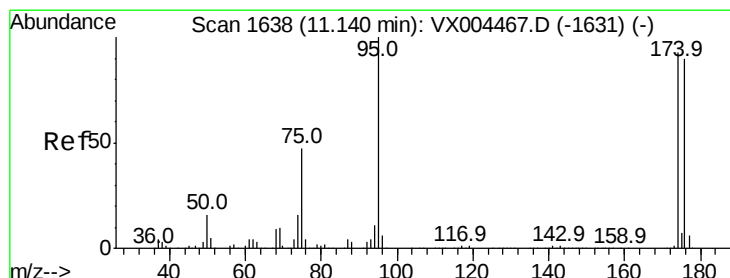
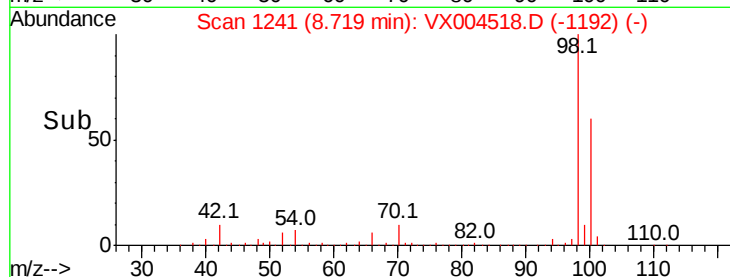
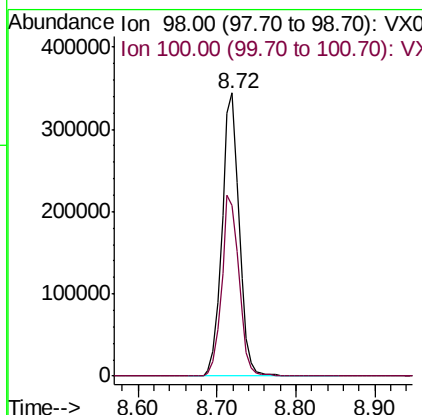
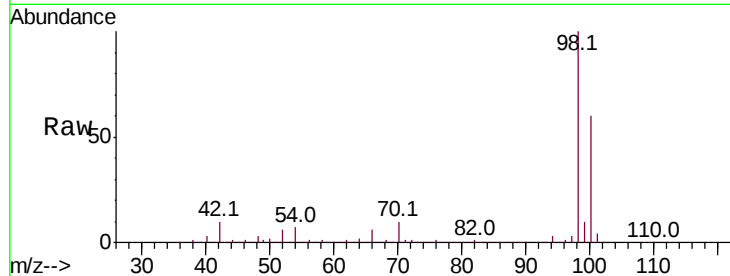




#50
Toluene-d8
Concen: 48.324 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004518.D
Acq: 13 Sep 2018 16:08

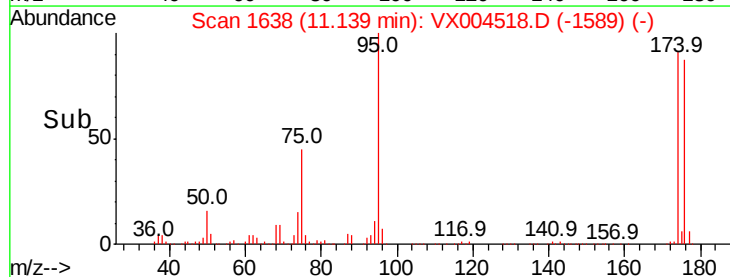
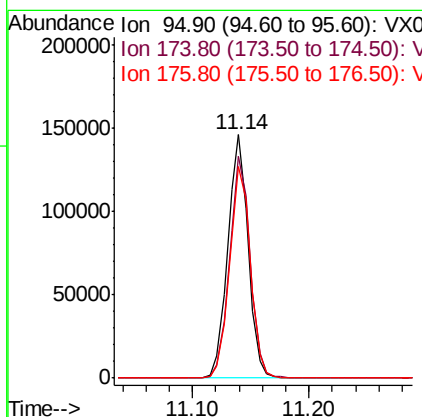
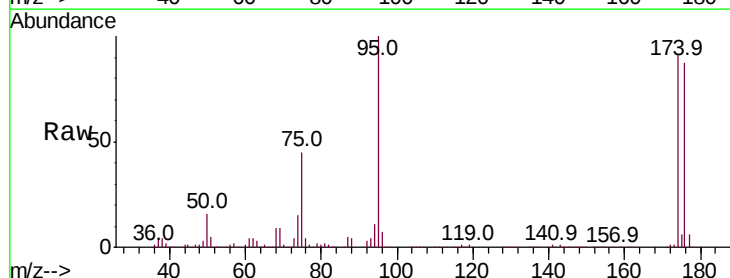
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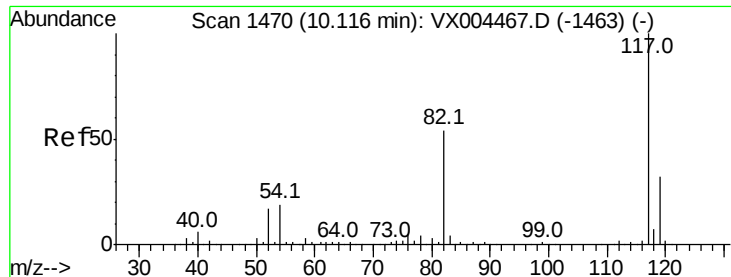
Tot Ion: 98 Resp: 522148
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.836 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004518.D
Acq: 13 Sep 2018 16:08

Tgt Ion: 95 Resp: 176791
Ion Ratio Lower Upper
95 100
174 92.6 0.0 185.2
176 89.4 0.0 178.6

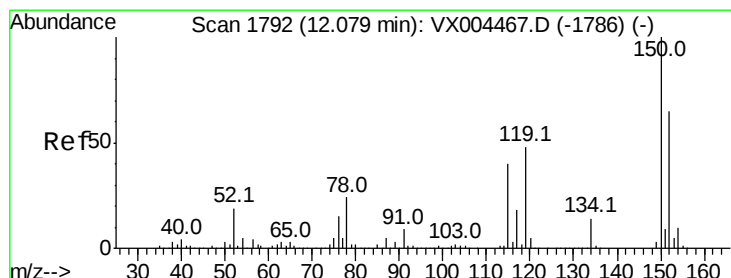
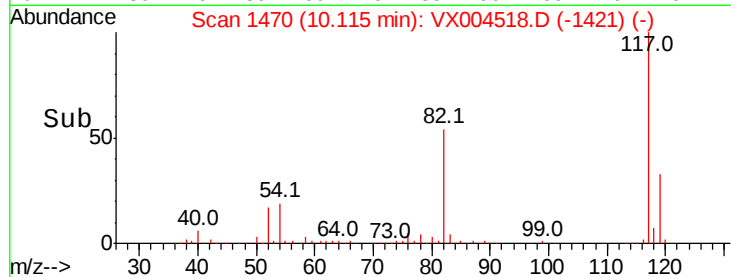
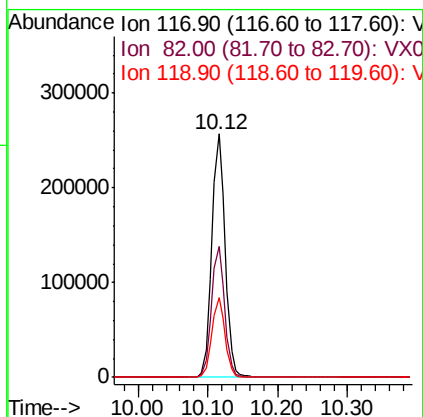
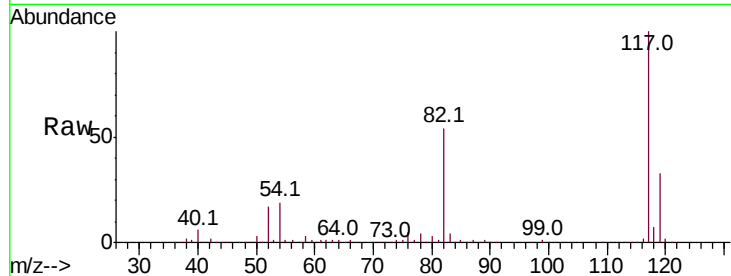




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VX004518.D
 Acq: 13 Sep 2018 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091218

Tot Ion:117 Resp: 340401
 Ion Ratio Lower Upper
 117 100
 82 53.7 47.8 71.6
 119 32.7 29.3 43.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004518.D
 Acq: 13 Sep 2018 16:08

Tgt Ion:152 Resp: 185061
 Ion Ratio Lower Upper
 152 100
 115 55.5 39.0 117.0
 150 156.9 0.0 351.0

