

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004519.D
 Acq On : 13 Sep 2018 16:35
 Operator : JC/MD
 Sample : J4892-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091118

Quant Time: Sep 15 11:26:16 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	250750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184831	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167541	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	5.50	113	157219	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
50) Toluene-d8	8.72	98	545691	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.14	95	168076	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	

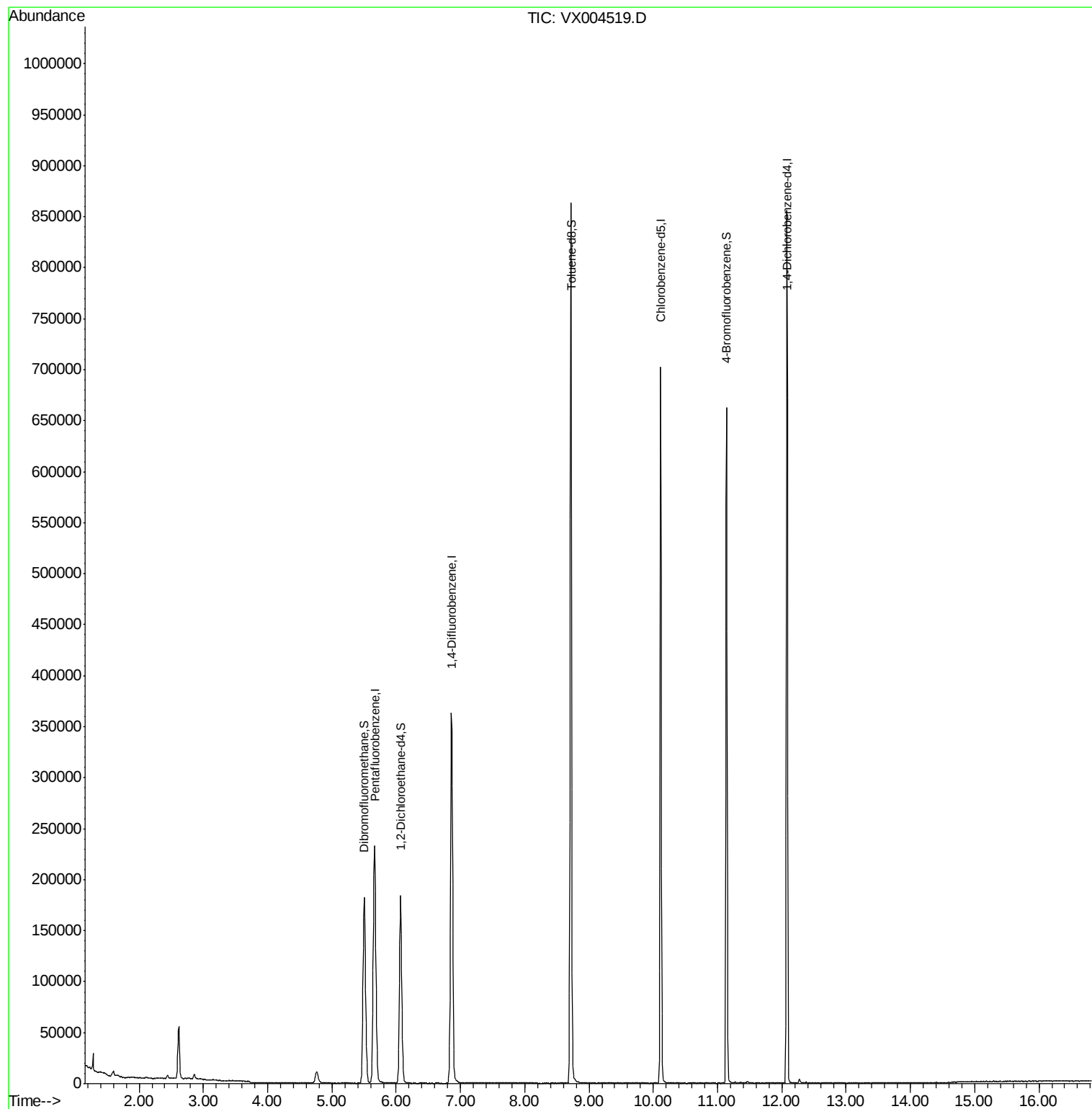
Target Compounds	Qvalue

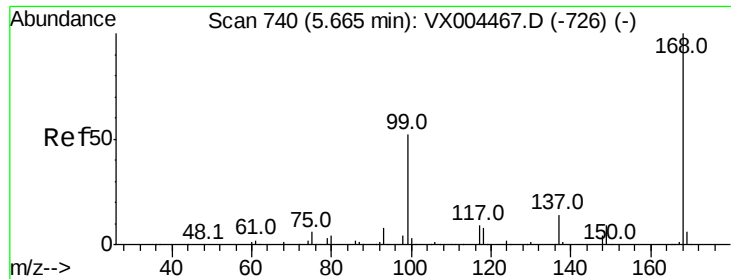
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004519.D

Acq: 13 Sep 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

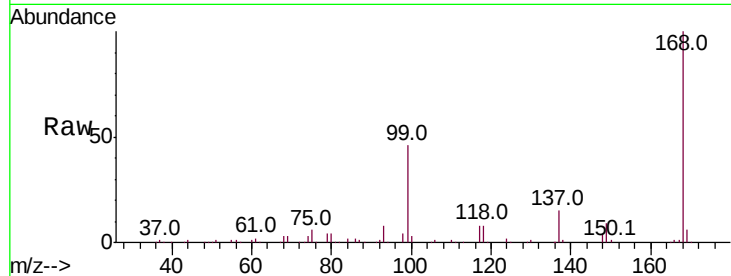
FB-091118

Tot Ion:168 Resp: 250750

Ion Ratio Lower Upper

168 100

99 46.0 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

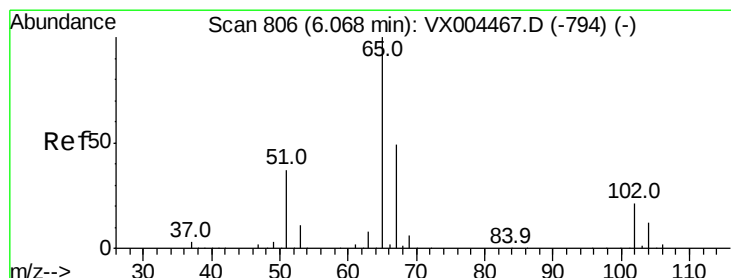
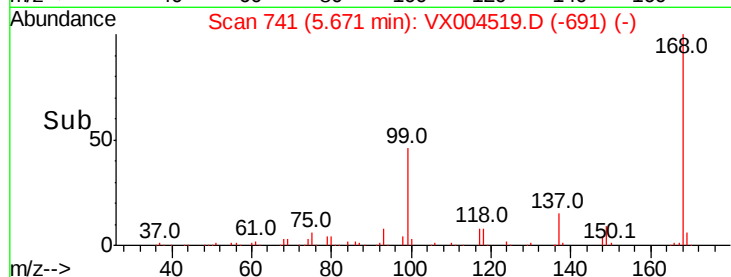
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.819 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004519.D

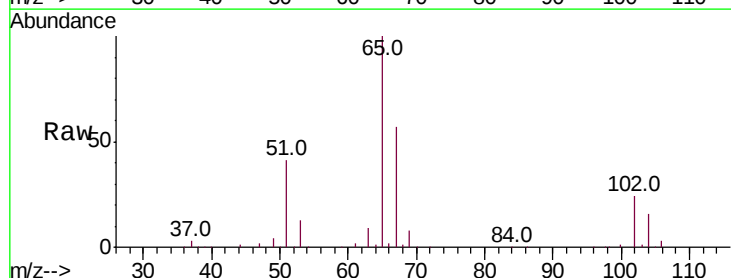
Acq: 13 Sep 2018 16:35

Tgt Ion: 65 Resp: 167541

Ion Ratio Lower Upper

65 100

67 54.5 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

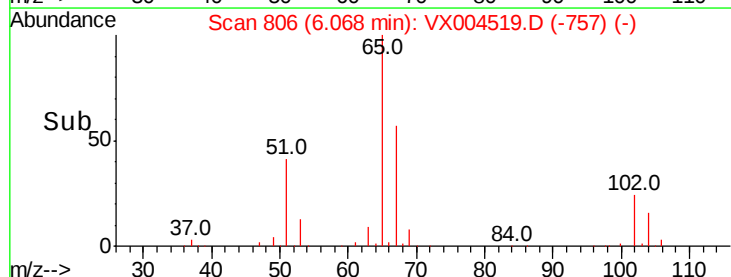
60000

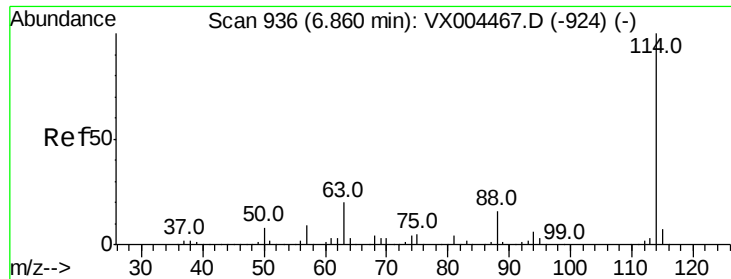
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

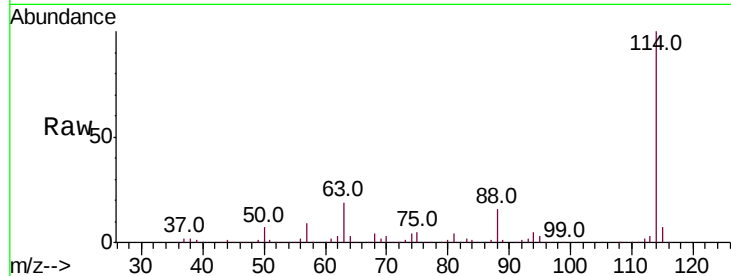




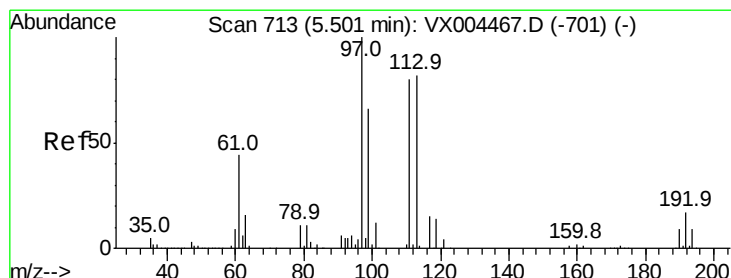
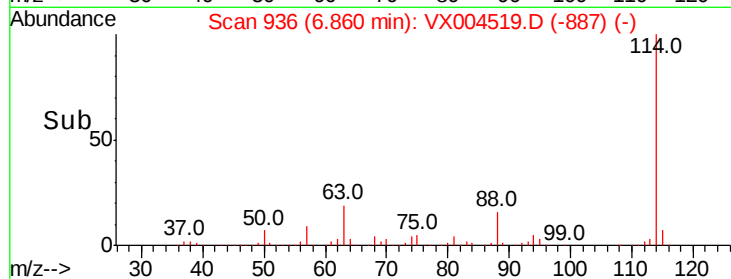
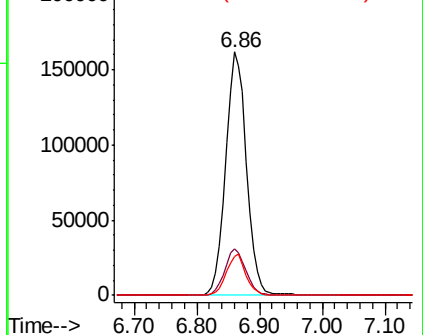
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004519.D
 Acq: 13 Sep 2018 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-091118

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.0
88	15.7	0.0	30.4

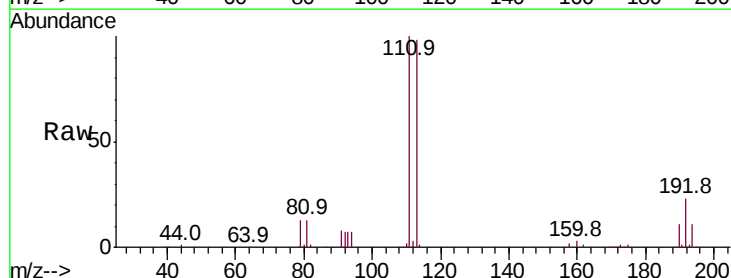


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

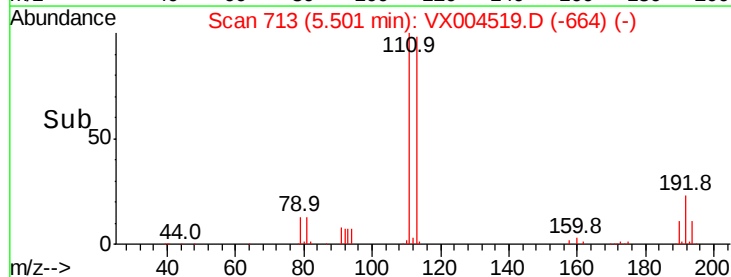
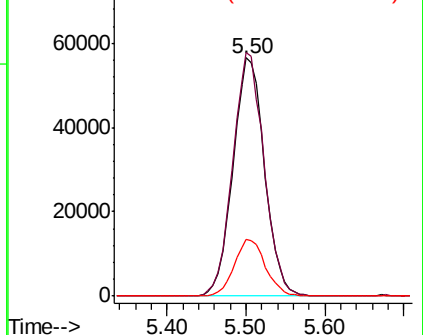


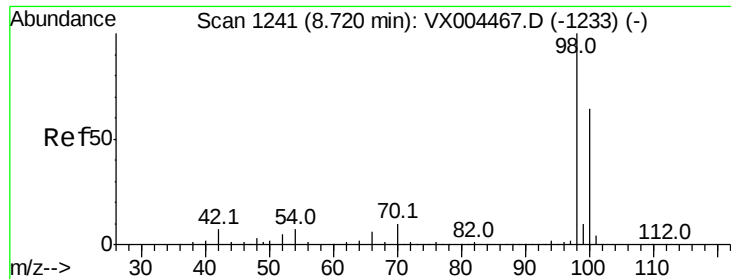
#35
 Dibromofluoromethane
 Concen: 46.177 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004519.D
 Acq: 13 Sep 2018 16:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	23.5	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: 47.794 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004519.D

Acq: 13 Sep 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

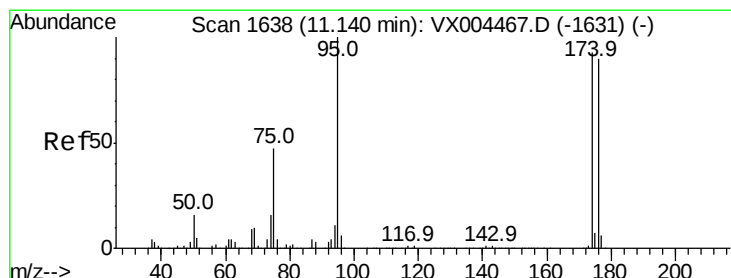
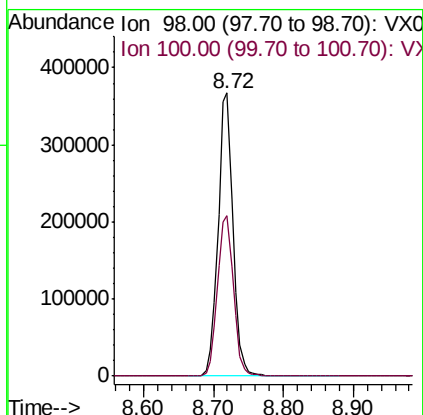
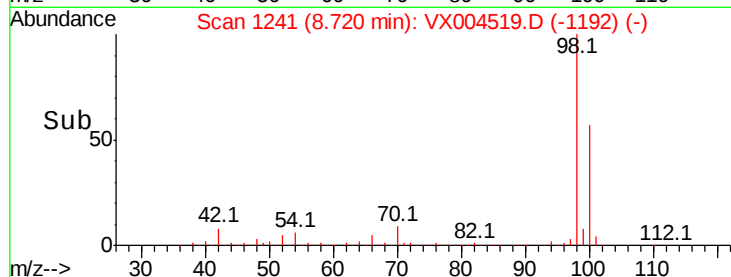
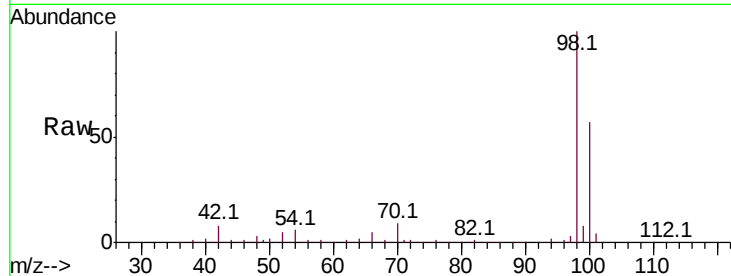
FB-091118

Tot Ion: 98 Resp: 545691

Ion Ratio Lower Upper

98 100

100 60.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 41.240 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004519.D

Acq: 13 Sep 2018 16:35

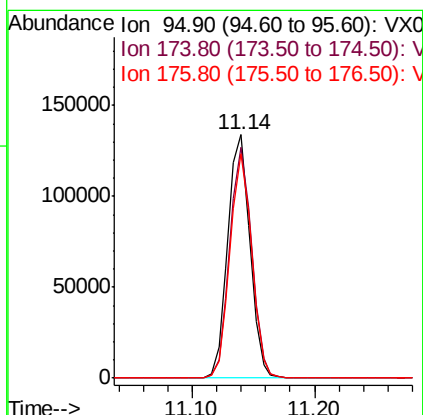
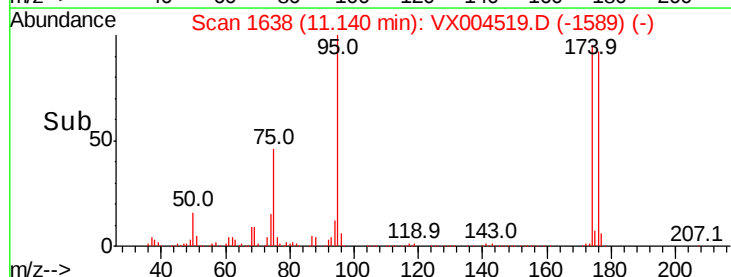
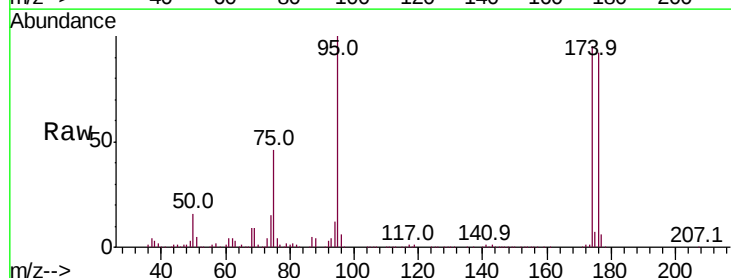
Tgt Ion: 95 Resp: 168076

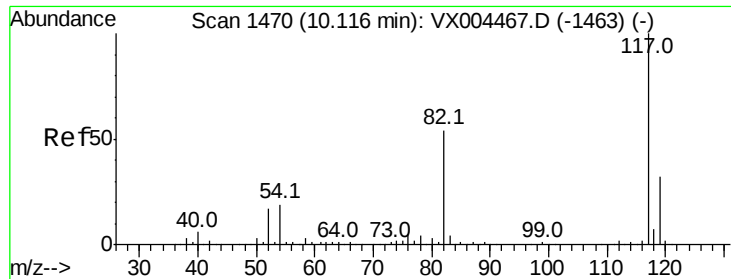
Ion Ratio Lower Upper

95 100

174 94.1 0.0 185.2

176 90.4 0.0 178.6

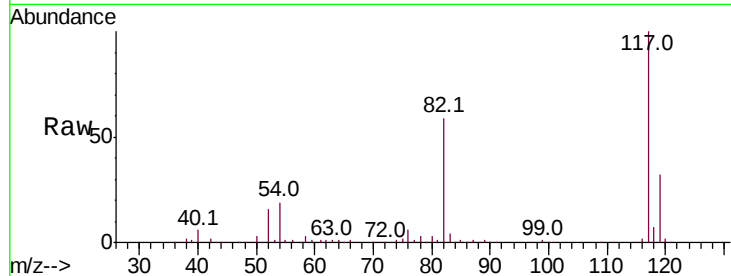




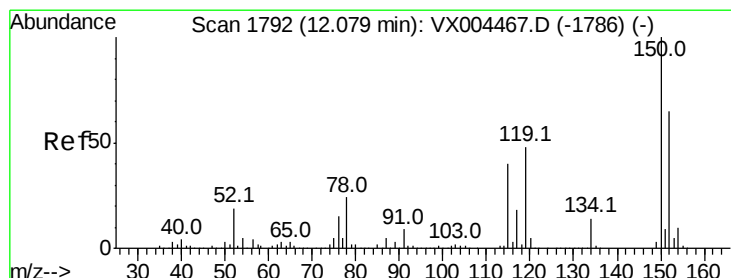
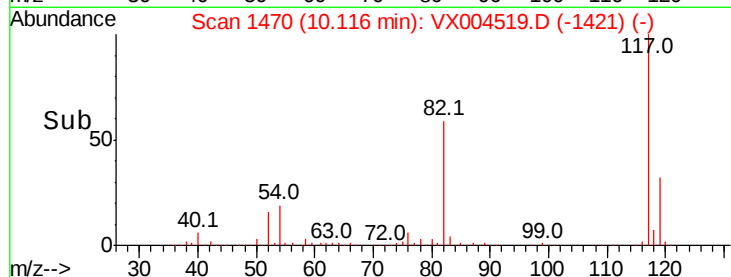
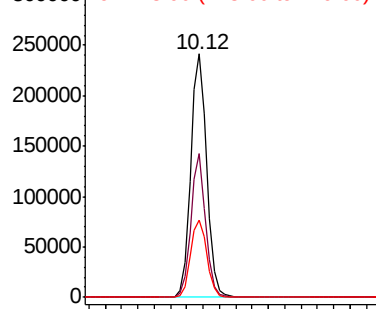
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004519.D
Acq: 13 Sep 2018 16:35

Instrument :
MSVOA_X
ClientSampleId :
FB-091118

Tot Ion:117 Resp: 332207
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.6
119 32.0 29.3 43.9

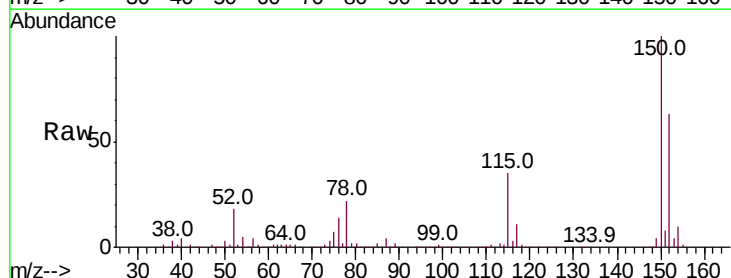


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004519.D
Acq: 13 Sep 2018 16:35

Tgt Ion:152 Resp: 184831
Ion Ratio Lower Upper
152 100
115 53.6 39.0 117.0
150 154.3 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

