

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005807.D
 Acq On : 06 Nov 2018 14:25
 Operator : JC/MD
 Sample : PB114531ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#02

Quant Time: Nov 07 08:54:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

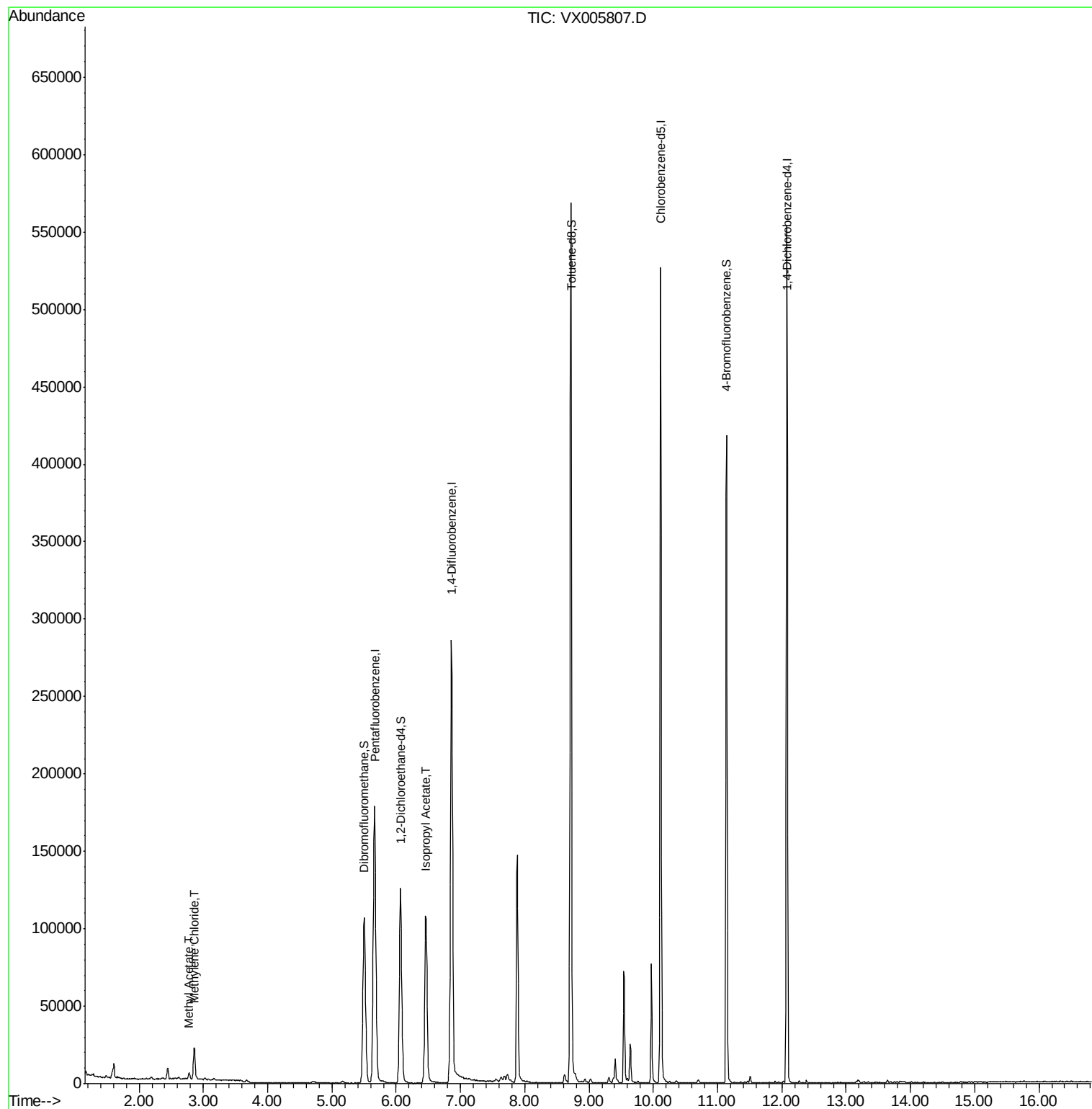
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	121376	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	5.51	113	93430	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.72	98	371249	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
62) 4-Bromofluorobenzene	11.14	95	109077	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
18) Methyl Acetate	2.78	43	4961	1.392	ug/l	92
20) Methylene Chloride	2.85	84	9096	4.248	ug/l	94
43) Isopropyl Acetate	6.46	43	148142	27.195	ug/l	96

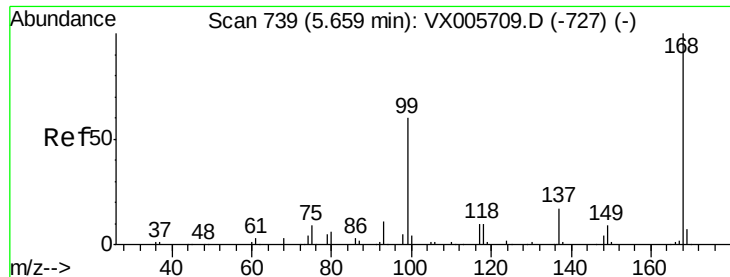
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005807.D

Acq: 06 Nov 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

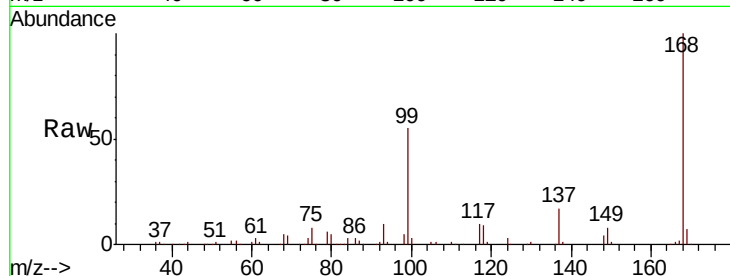
PB114531ZHE#02

Tot Ion:168 Resp: 169820

Ion Ratio Lower Upper

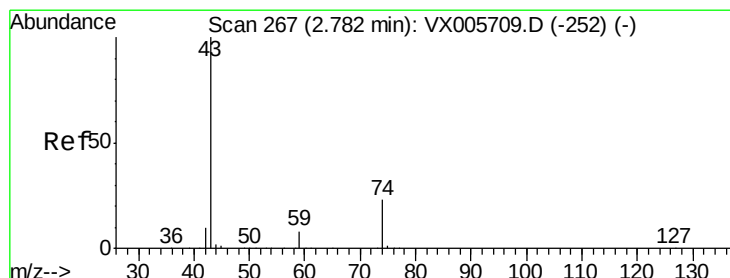
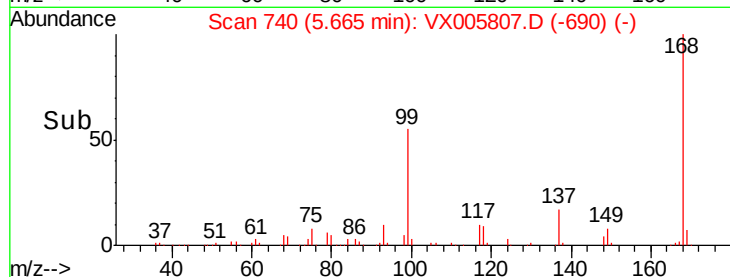
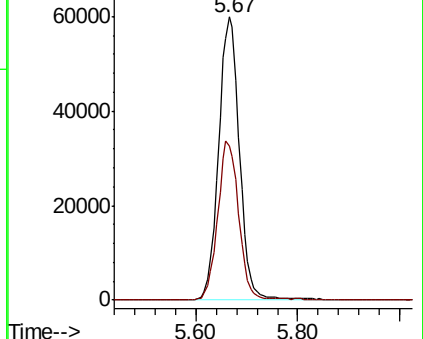
168 100

99 54.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 1.392 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005807.D

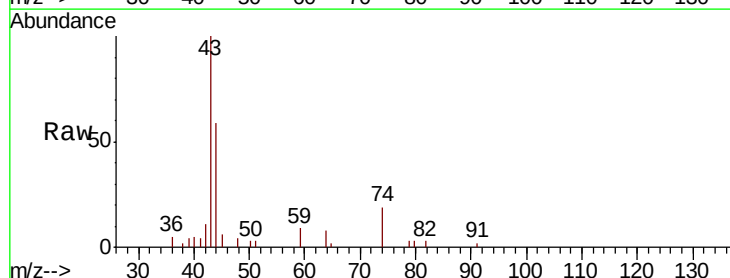
Acq: 06 Nov 2018 14:25

Tgt Ion: 43 Resp: 4961

Ion Ratio Lower Upper

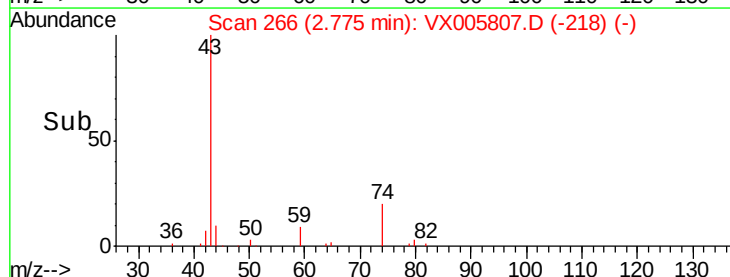
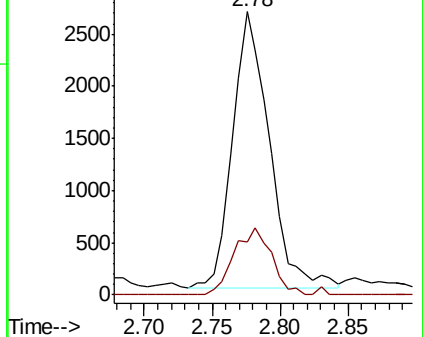
43 100

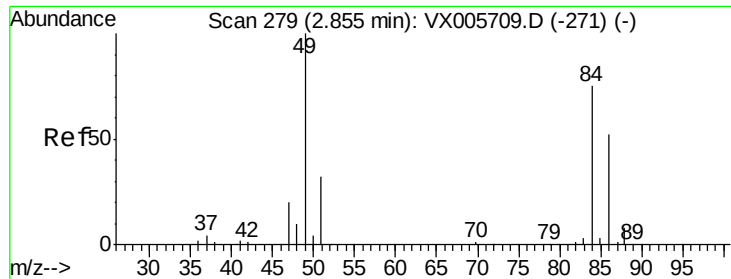
74 24.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

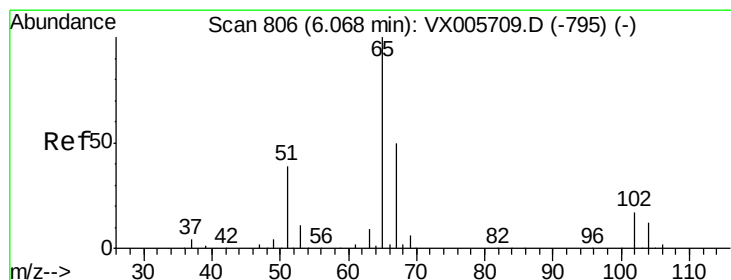
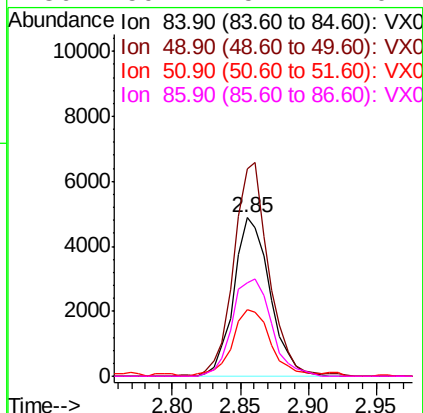
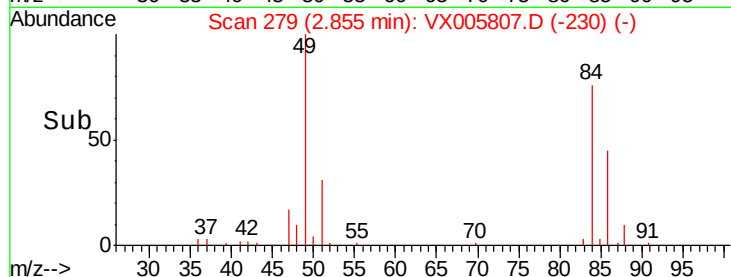
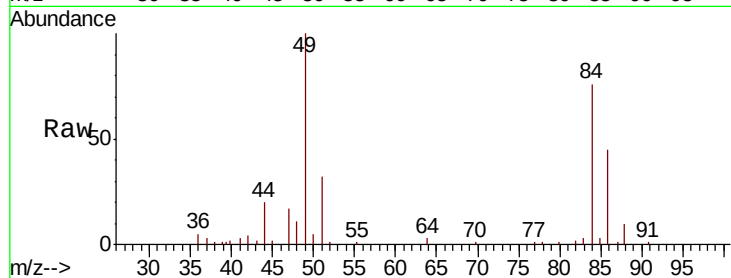




#20
Methylene Chloride
Concen: 4.248 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005807.D
Acq: 06 Nov 2018 14:25

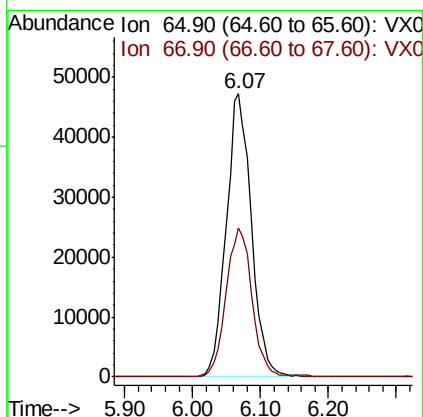
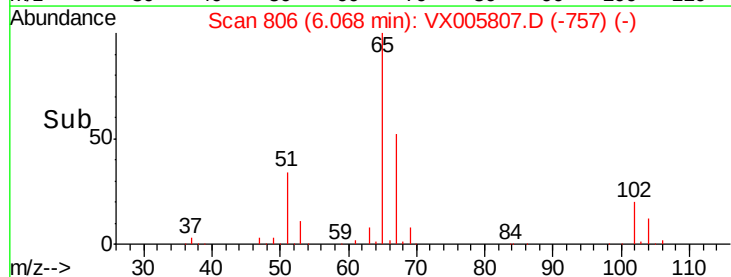
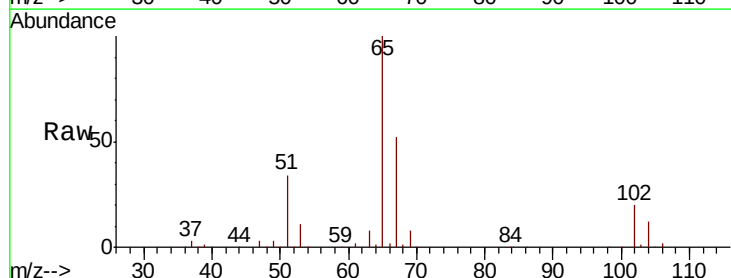
Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#02

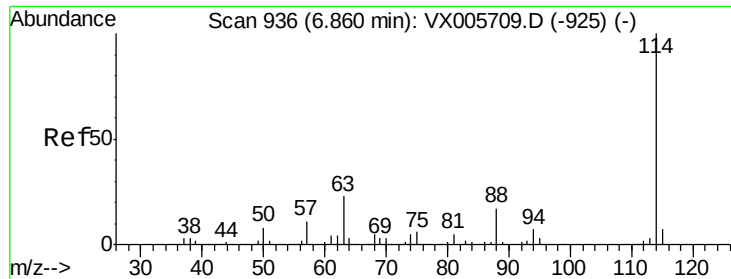
Tot Ion: 84 Resp: 9096
Ion Ratio Lower Upper
84 100
49 130.0 109.5 164.3
51 42.0 33.3 49.9
86 59.1 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 48.887 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005807.D
Acq: 06 Nov 2018 14:25

Tgt Ion: 65 Resp: 121376
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0

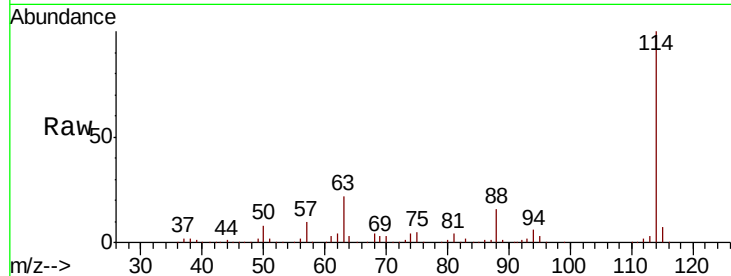




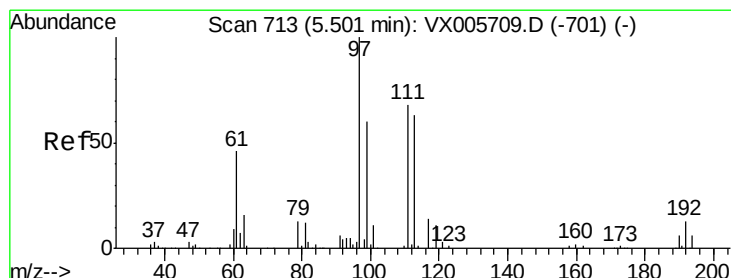
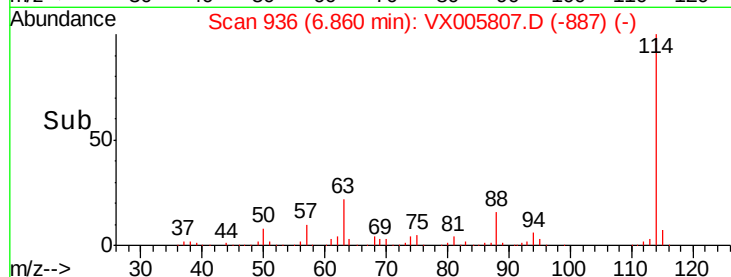
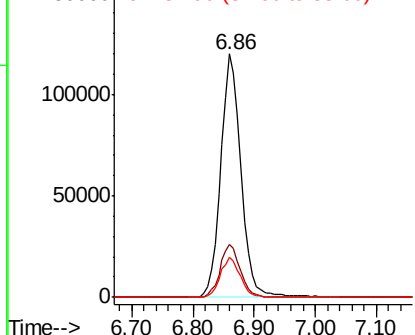
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005807.D
 Acq: 06 Nov 2018 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#02

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.8
88	16.3	0.0	31.2

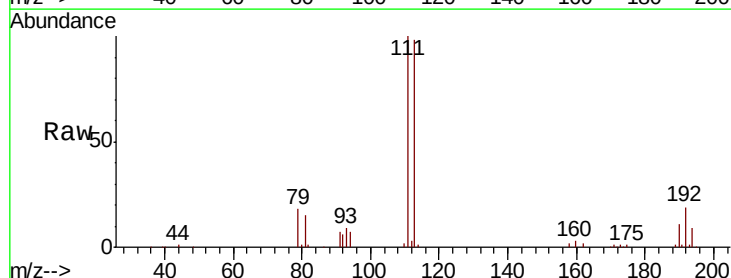


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

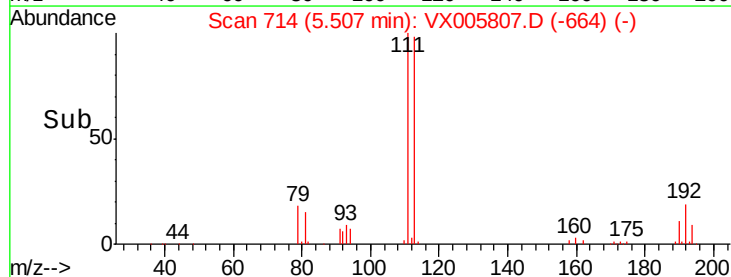
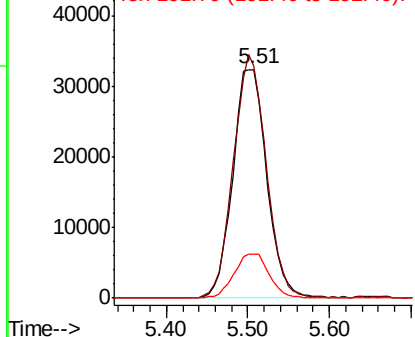


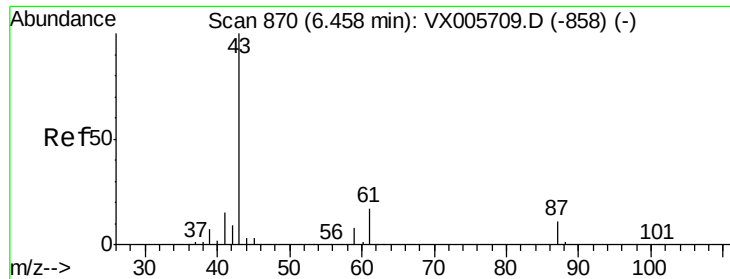
#35
 Dibromofluoromethane
 Concen: 48.867 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005807.D
 Acq: 06 Nov 2018 14:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	20.0	17.9	26.9



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





#43

Isopropyl Acetate

Concen: 27.195 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005807.D

Acq: 06 Nov 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#02

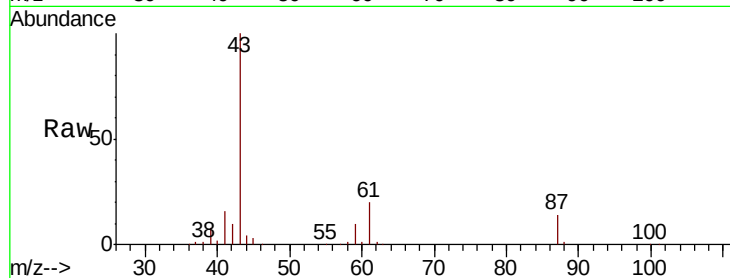
Tot Ion: 43 Resp: 148142

Ion Ratio Lower Upper

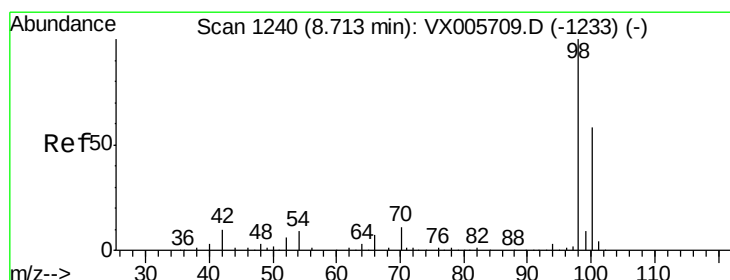
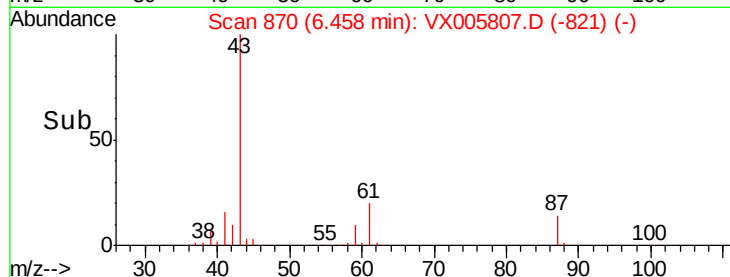
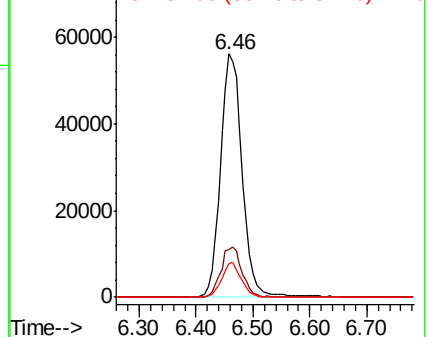
43 100

61 20.4 14.6 22.0

87 13.0 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 55.363 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005807.D

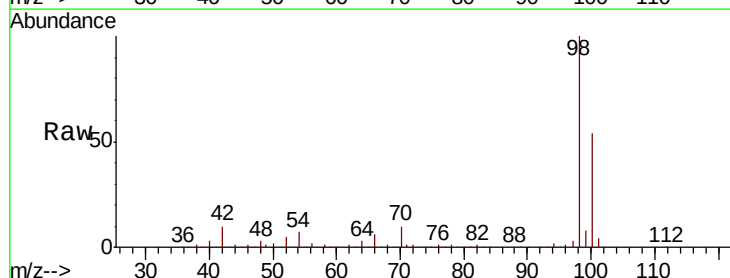
Acq: 06 Nov 2018 14:25

Tgt Ion: 98 Resp: 371249

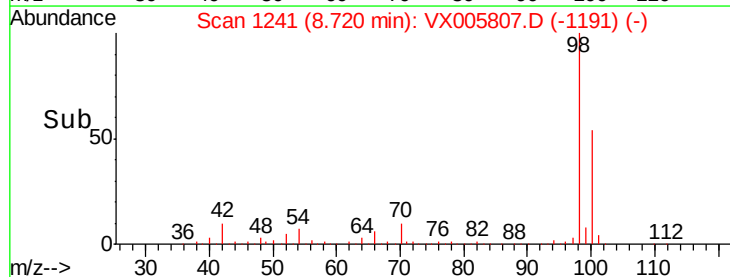
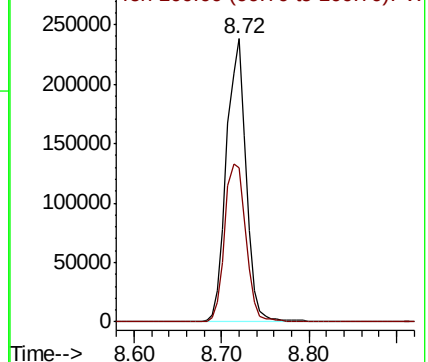
Ion Ratio Lower Upper

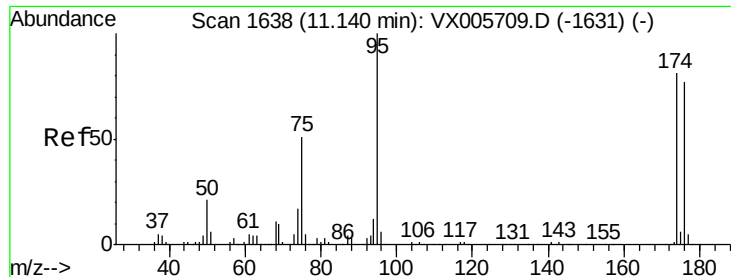
98 100

100 60.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.074 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005807.D

Acq: 06 Nov 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#02

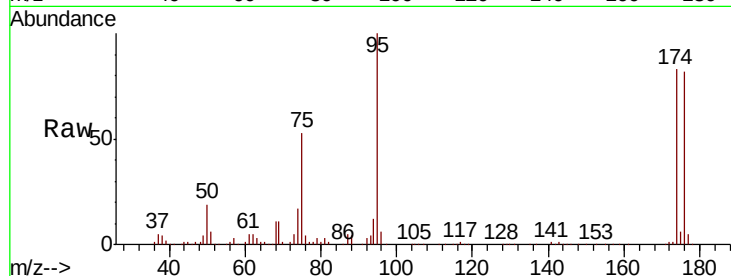
Tot Ion: 95 Resp: 109077

Ion Ratio Lower Upper

95 100

174 80.2 0.0 184.4

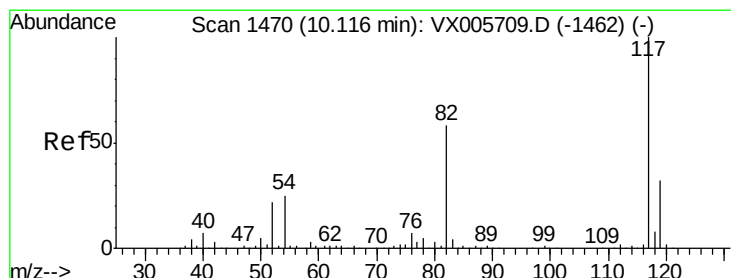
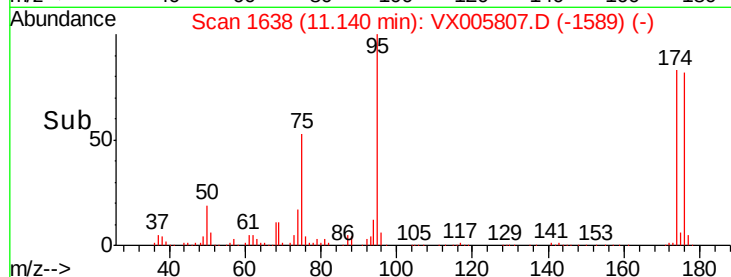
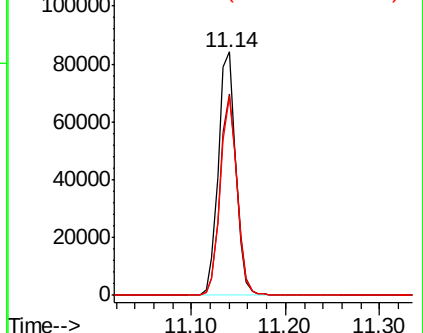
176 78.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005807.D

Acq: 06 Nov 2018 14:25

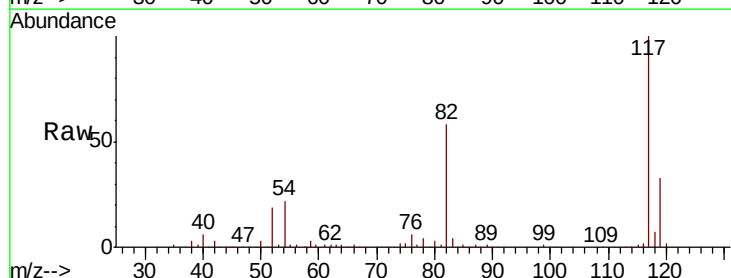
Tgt Ion: 117 Resp: 241790

Ion Ratio Lower Upper

117 100

82 58.4 44.1 66.1

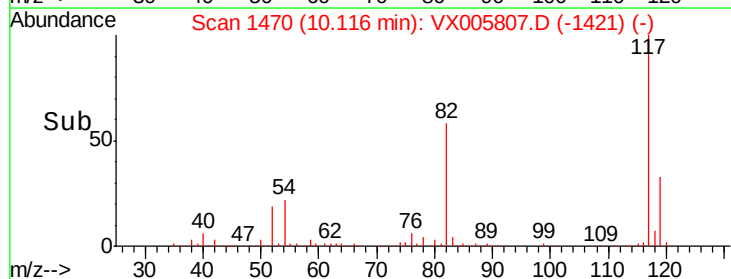
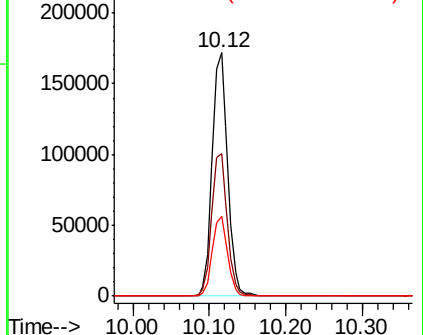
119 32.8 26.2 39.2

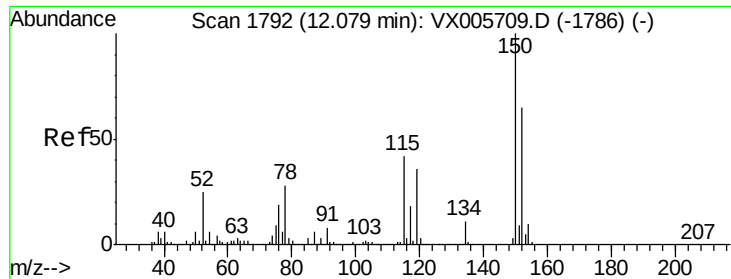


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1792

Delta R.T. -0.00 min

Lab File: VX005807.D

Acq: 06 Nov 2018 14:25

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#02

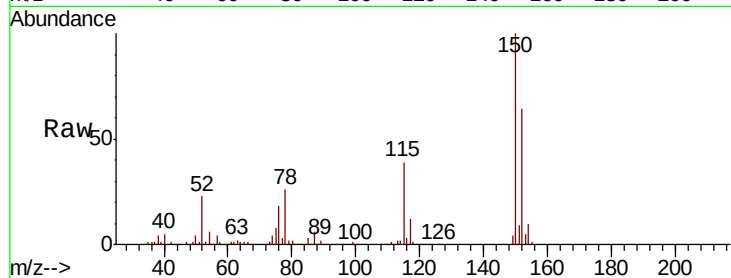
Tot Ion:152 Resp: 107279

Ion Ratio Lower Upper

152 100

115 59.6 39.4 118.1

150 156.1 0.0 346.4



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

