

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005812.D
 Acq On : 06 Nov 2018 16:38
 Operator : JC/MD
 Sample : PB114531ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#07

Quant Time: Nov 07 09:08:22 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

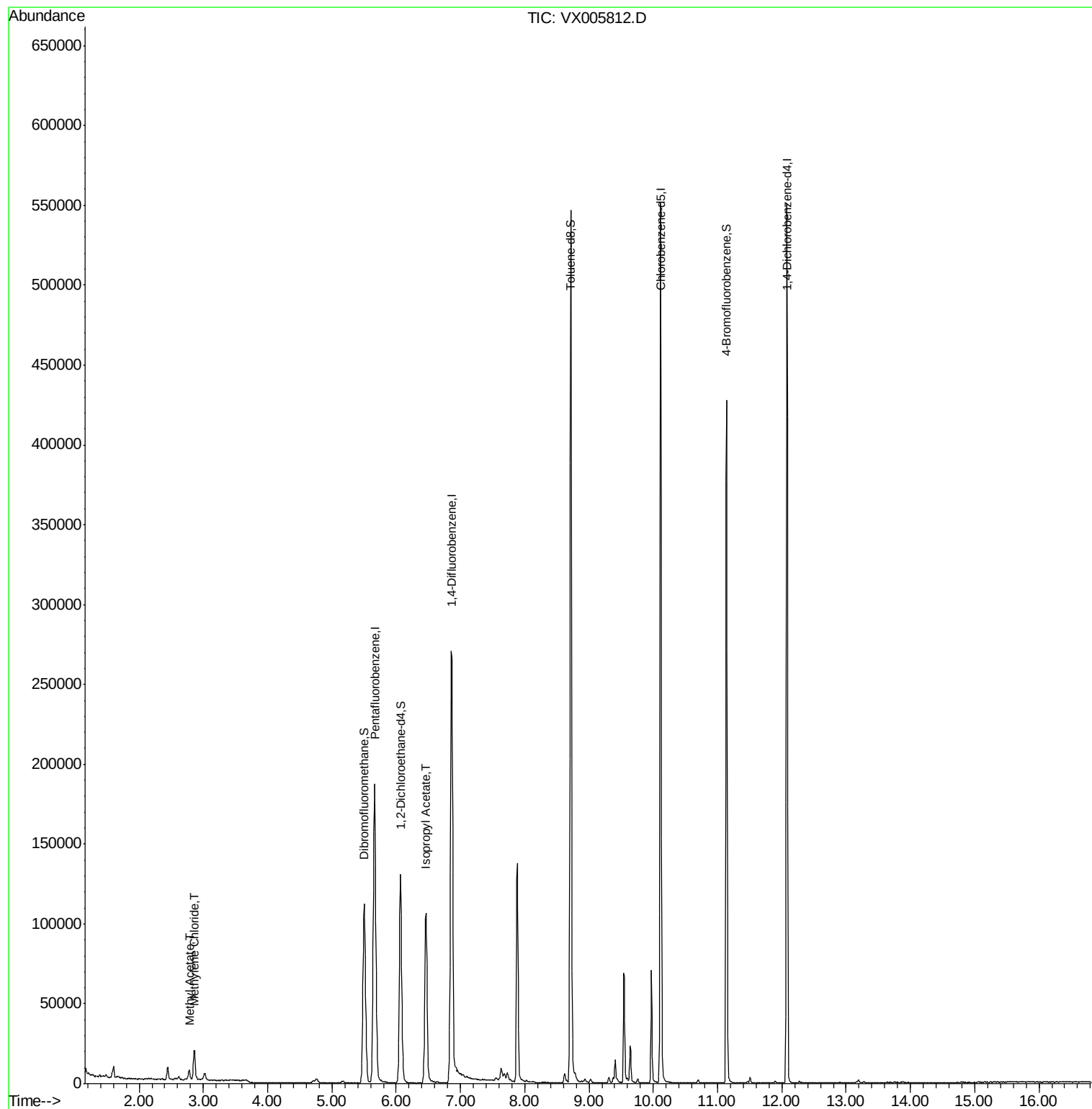
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	176881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	281755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126219	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.50	113	96771	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	8.71	98	340814	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.14	95	109775	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
18) Methyl Acetate	2.78	43	7002	1.887	ug/l #	91
20) Methylene Chloride	2.86	84	8592	3.853	ug/l	94
43) Isopropyl Acetate	6.46	43	144209	25.943	ug/l	98

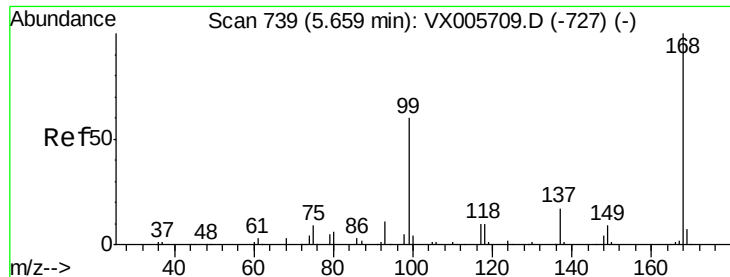
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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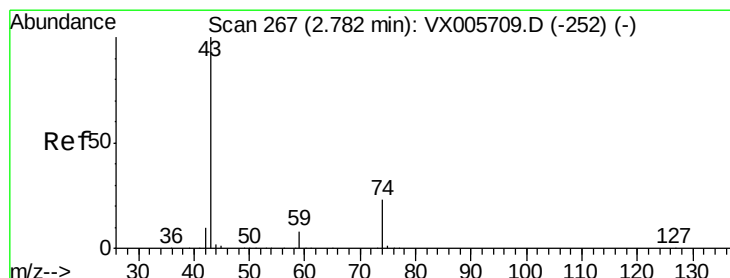
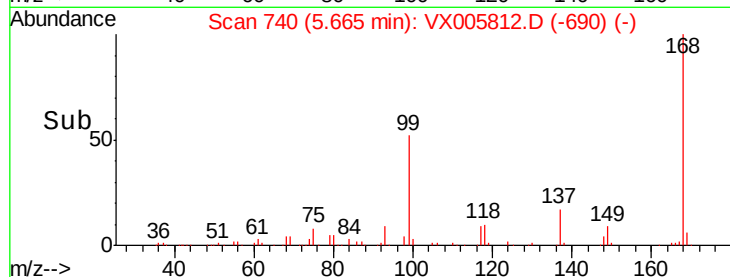
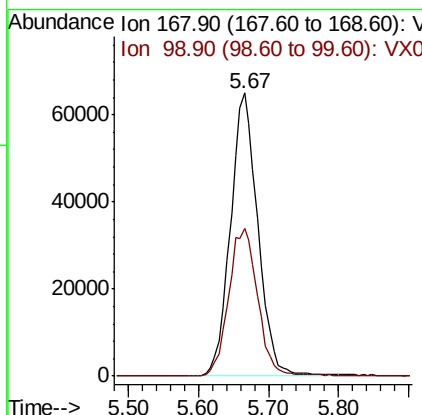
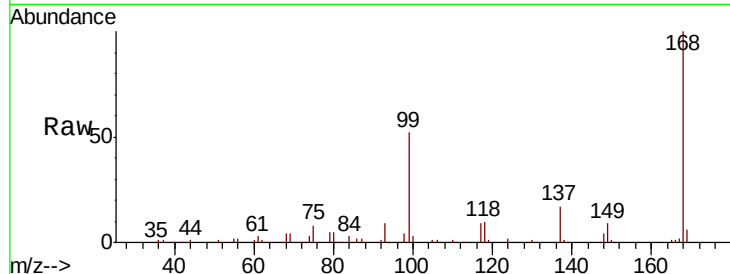




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005812.D
Acq: 06 Nov 2018 16:38

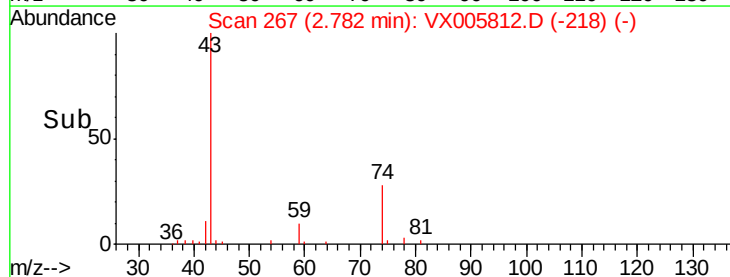
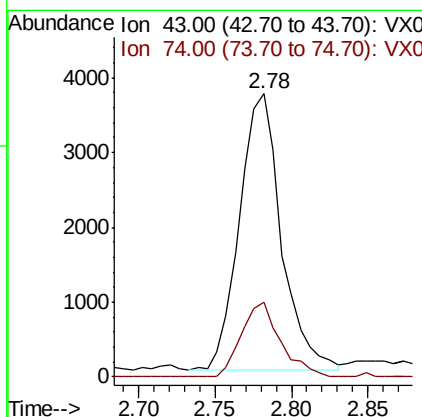
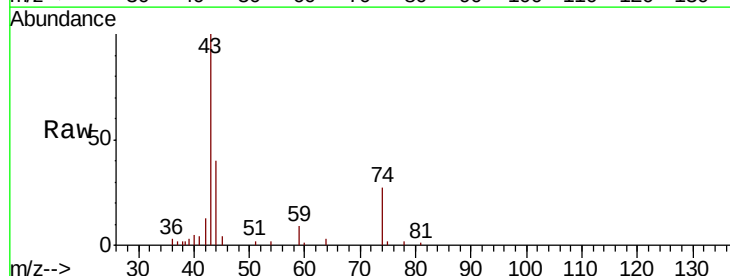
Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#07

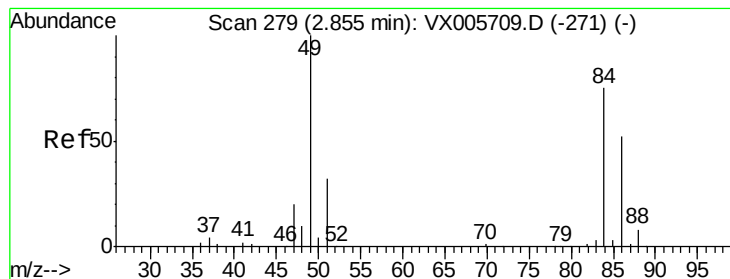
Tot Ion:168 Resp: 176881
Ion Ratio Lower Upper
168 100
99 52.3 40.7 61.1



#18
Methyl Acetate
Concen: 1.887 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005812.D
Acq: 06 Nov 2018 16:38

Tgt Ion: 43 Resp: 7002
Ion Ratio Lower Upper
43 100
74 25.2 16.8 25.2#





#20

Methylene Chloride

Concen: 3.853 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005812.D

Acq: 06 Nov 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#07

Tot Ion: 84 Resp: 8592

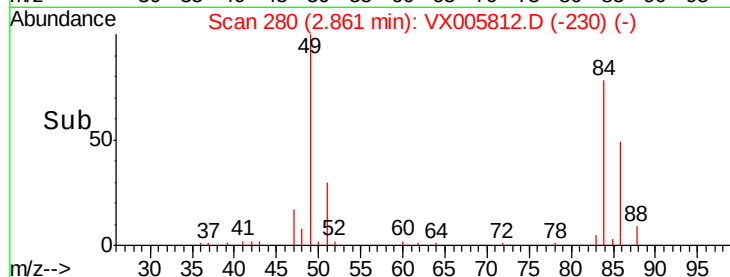
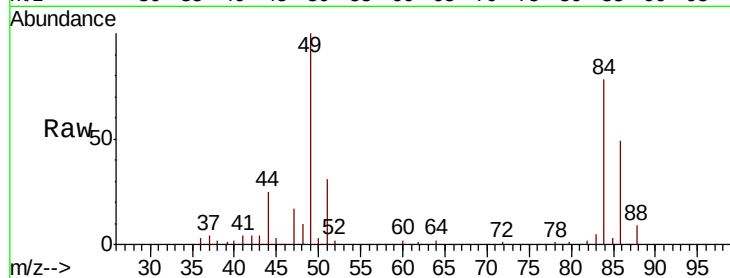
Ion Ratio Lower Upper

84 100

49 128.4 109.5 164.3

51 40.2 33.3 49.9

86 62.4 52.7 79.1

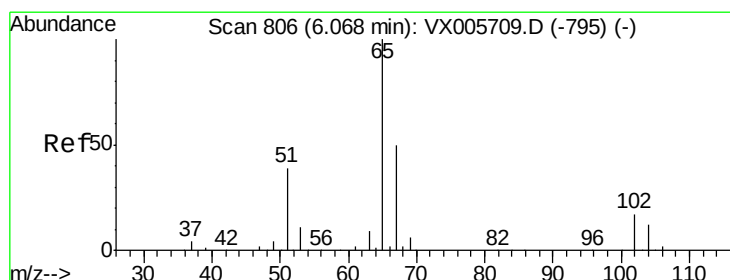
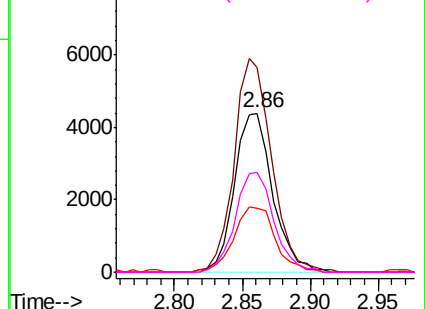


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.808 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005812.D

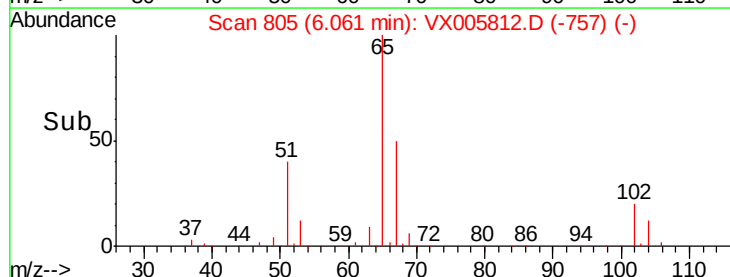
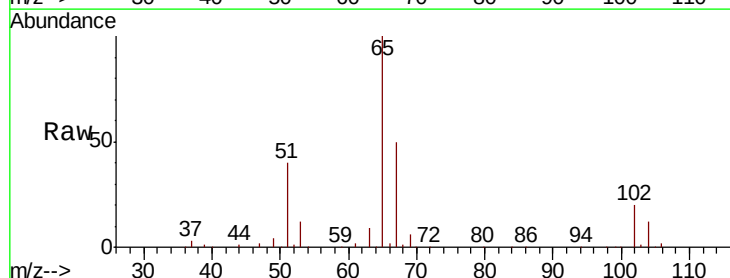
Acq: 06 Nov 2018 16:38

Tgt Ion: 65 Resp: 126219

Ion Ratio Lower Upper

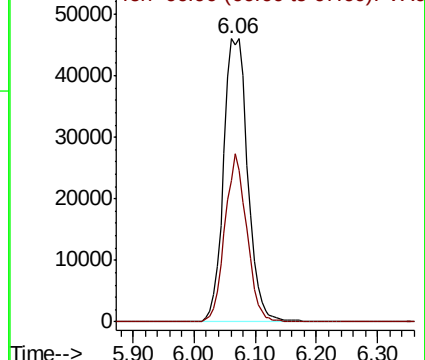
65 100

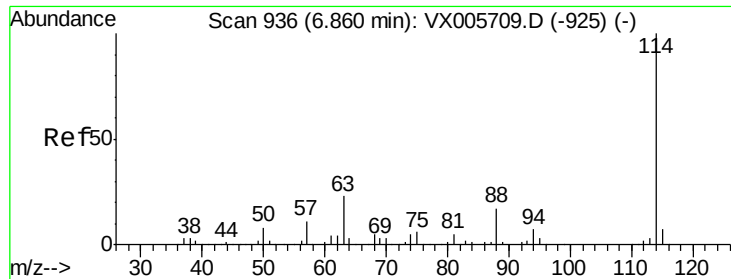
67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

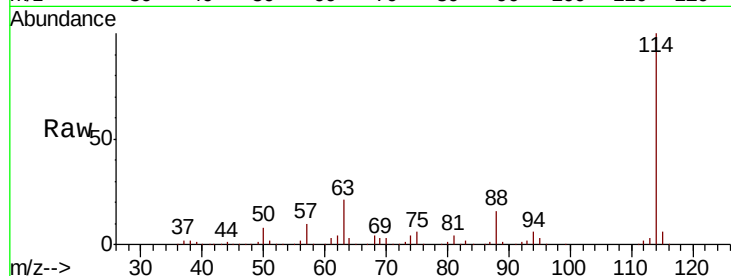




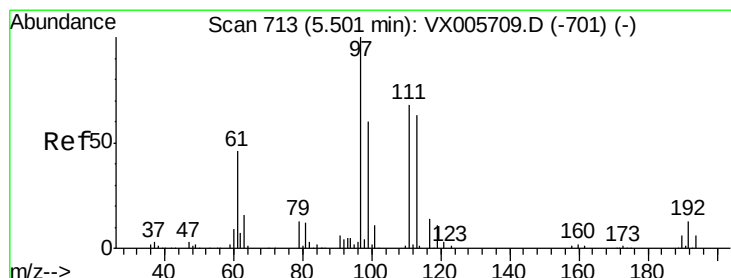
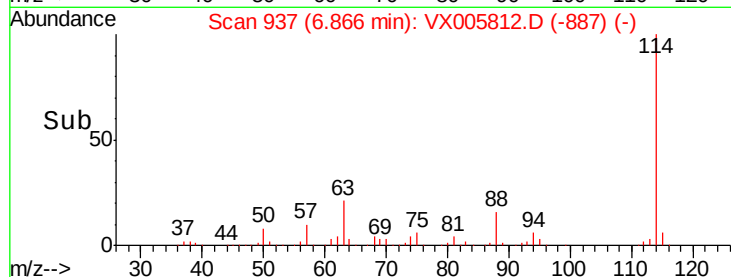
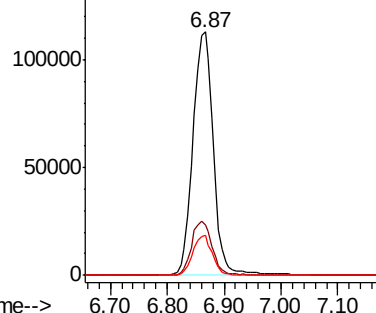
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005812.D
Acq: 06 Nov 2018 16:38

Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#07

Tot Ion:114 Resp: 281755
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 16.5 0.0 31.2

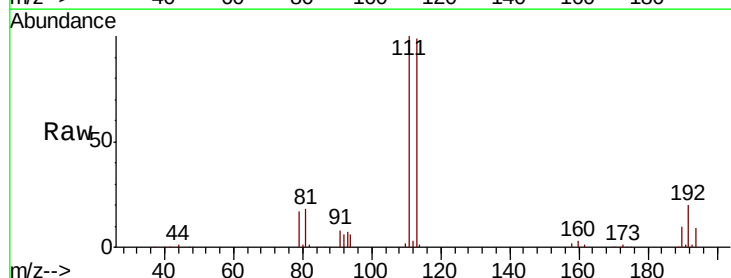


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

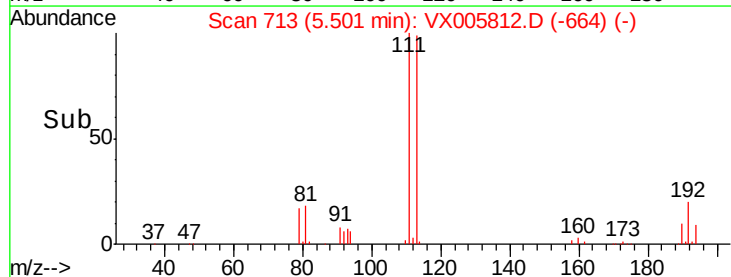
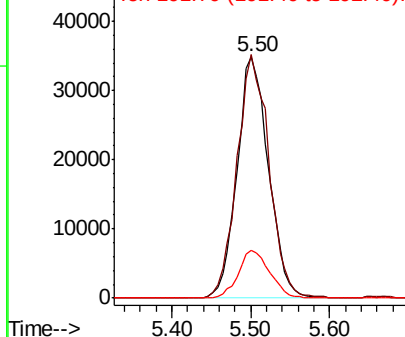


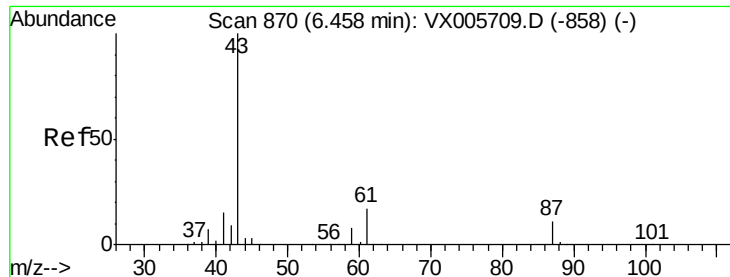
#35
Dibromofluoromethane
Concen: 49.603 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005812.D
Acq: 06 Nov 2018 16:38

Tgt Ion:113 Resp: 96771
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 19.7 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: 25.943 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005812.D

Acq: 06 Nov 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#07

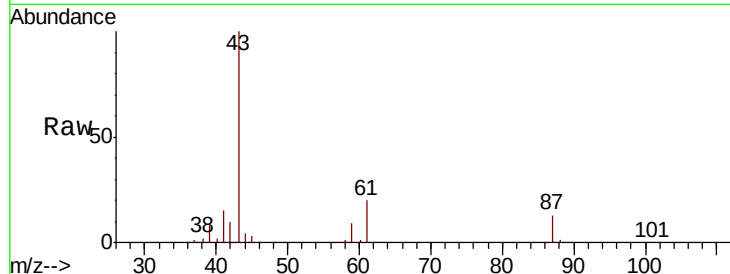
Tot Ion: 43 Resp: 144209

Ion Ratio Lower Upper

43 100

61 19.5 14.6 22.0

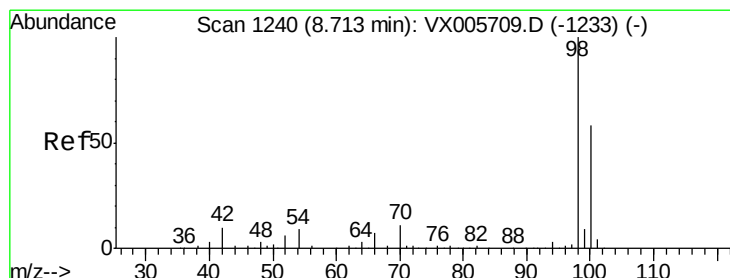
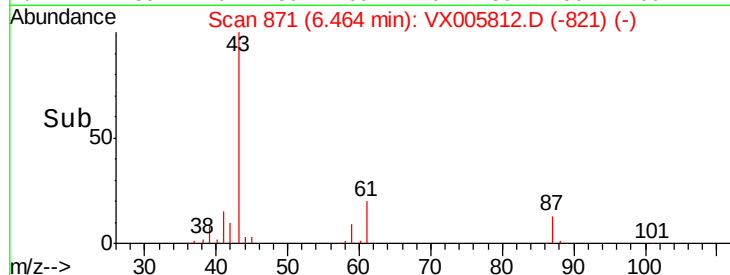
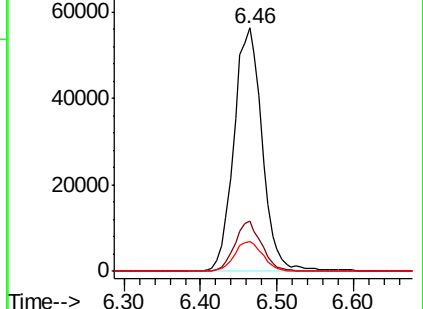
87 12.3 9.6 14.4



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: 49.809 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005812.D

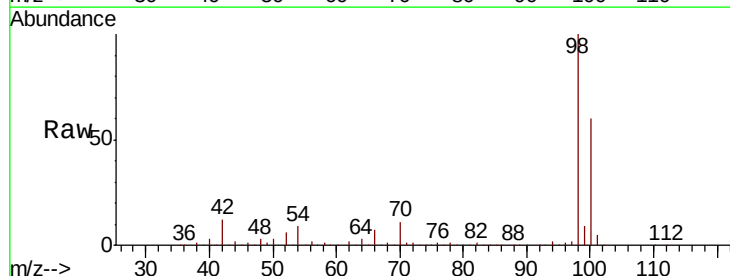
Acq: 06 Nov 2018 16:38

Tgt Ion: 98 Resp: 340814

Ion Ratio Lower Upper

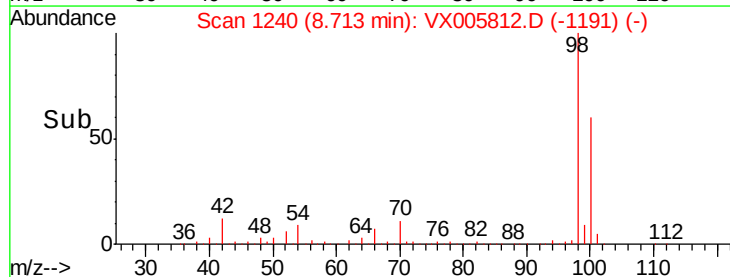
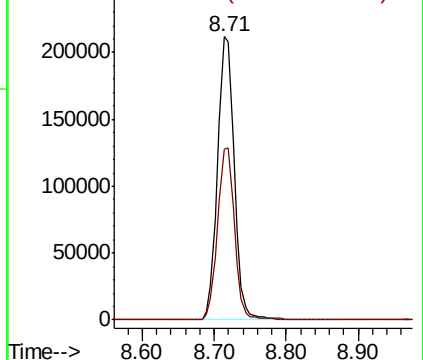
98 100

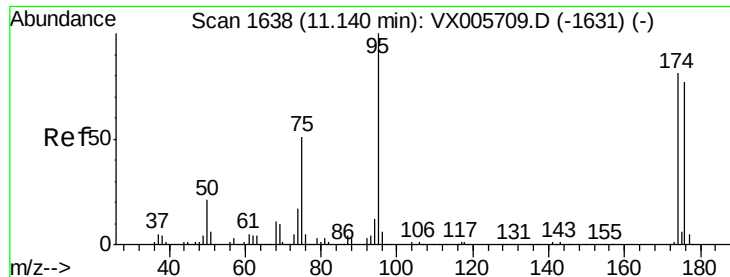
100 61.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.469 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005812.D

Acq: 06 Nov 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#07

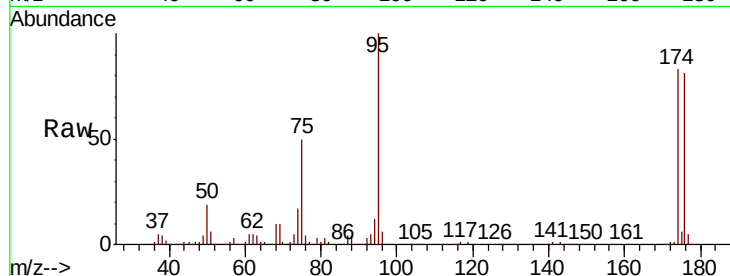
Tot Ion: 95 Resp: 109775

Ion Ratio Lower Upper

95 100

174 81.4 0.0 184.4

176 77.4 0.0 177.4

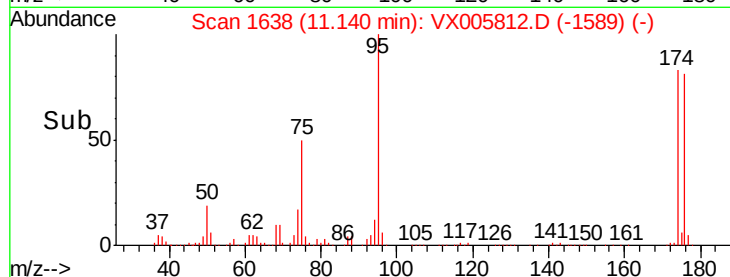


Abundance Ion 94.90 (94.60 to 95.60): VX005709.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005709.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005709.D (-1631) (-)

Time-->

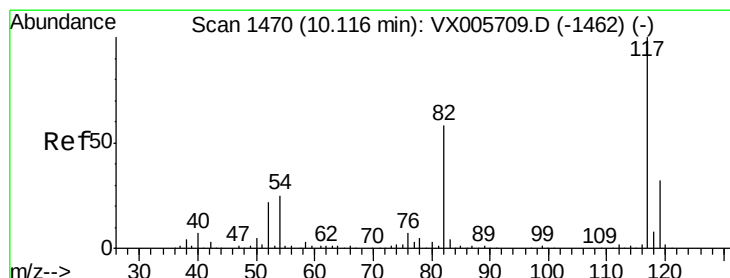


Abundance Ion 94.90 (94.60 to 95.60): VX005812.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005812.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005812.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005812.D

Acq: 06 Nov 2018 16:38

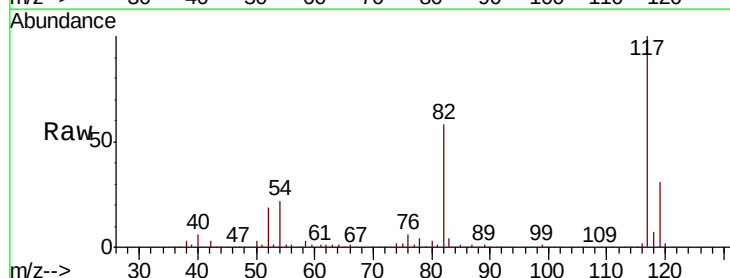
Tgt Ion: 117 Resp: 248194

Ion Ratio Lower Upper

117 100

82 57.5 44.1 66.1

119 31.3 26.2 39.2

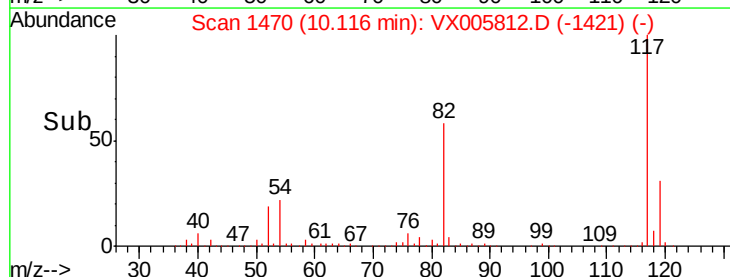


Abundance Ion 116.90 (116.60 to 117.60): VX005709.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005709.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005709.D (-1462) (-)

Time-->

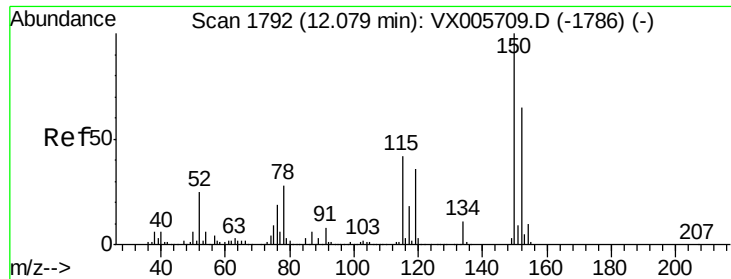


Abundance Ion 116.90 (116.60 to 117.60): VX005812.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005812.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005812.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005812.D

Acq: 06 Nov 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#07

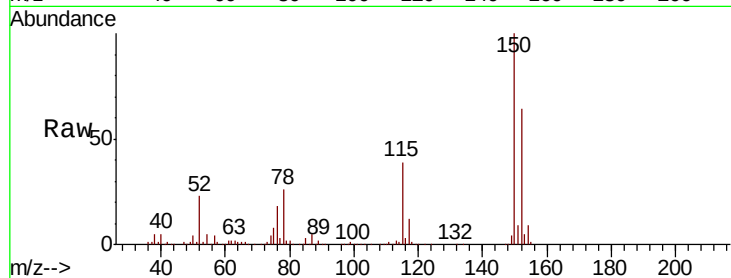
Tot Ion:152 Resp: 108530

Ion Ratio Lower Upper

152 100

115 59.1 39.4 118.1

150 155.3 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

