

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005811.D
 Acq On : 06 Nov 2018 16:11
 Operator : JC/MD
 Sample : PB114531ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#06

Quant Time: Nov 07 09:06:54 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

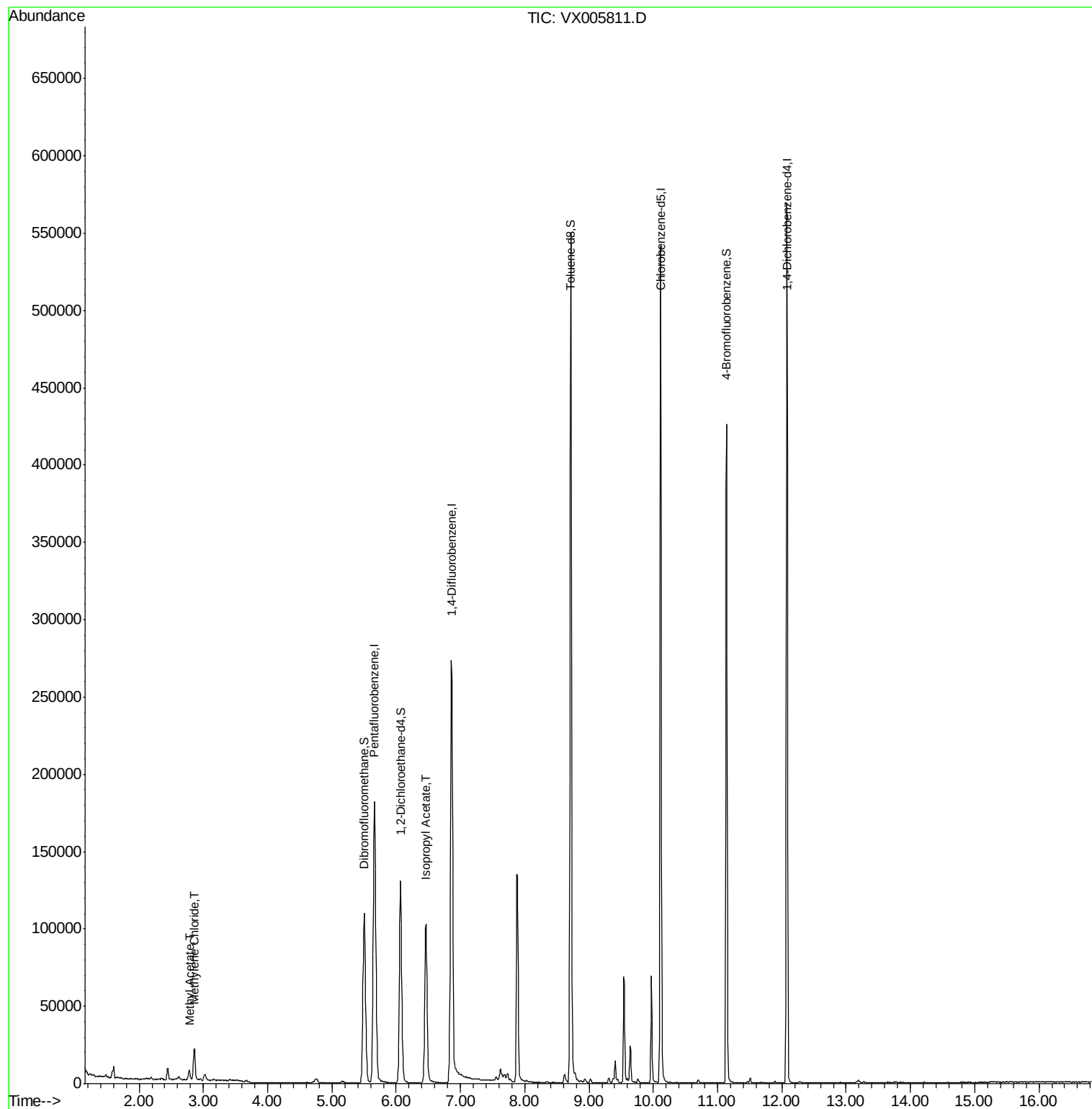
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123108	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	5.50	113	94243	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	8.71	98	338220	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.14	95	110514	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
Target Compounds						
18) Methyl Acetate	2.78	43	7958	2.214	ug/l	95
20) Methylene Chloride	2.86	84	9344	4.326	ug/l	87
43) Isopropyl Acetate	6.46	43	137499	24.831	ug/l	96

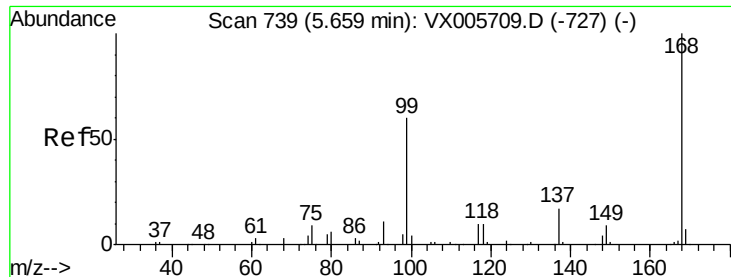
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

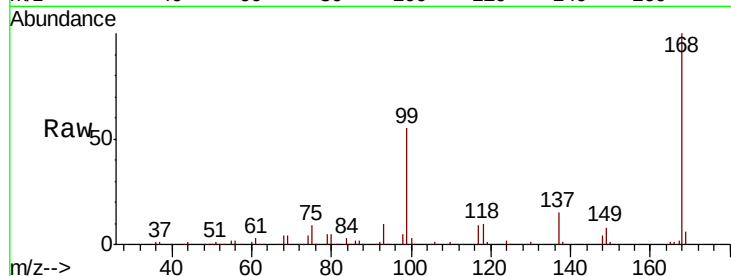
PB114531ZHE#06

Tot Ion:168 Resp: 171333

Ion Ratio Lower Upper

168 100

99 55.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

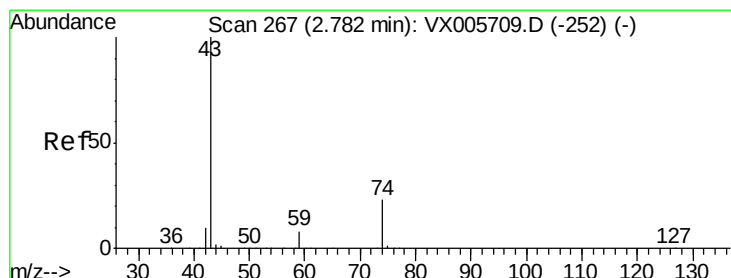
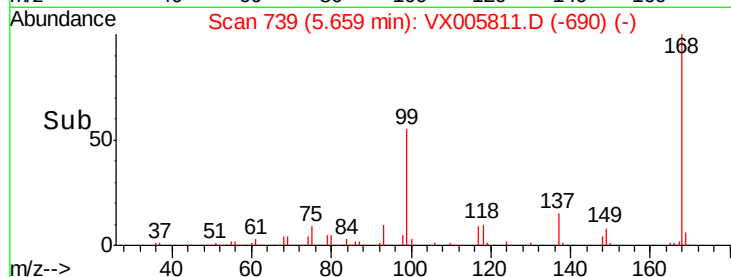
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 2.214 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005811.D

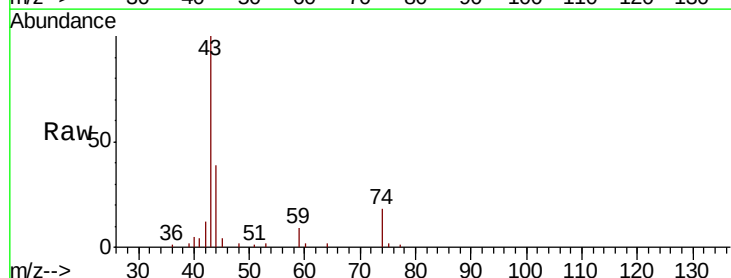
Acq: 06 Nov 2018 16:11

Tgt Ion: 43 Resp: 7958

Ion Ratio Lower Upper

43 100

74 23.5 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

4000

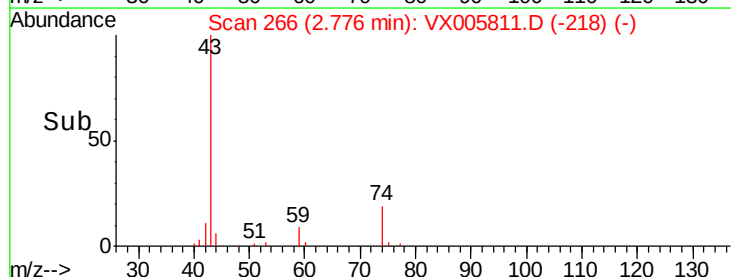
3000

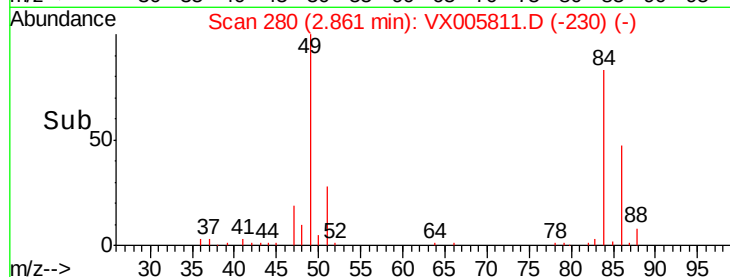
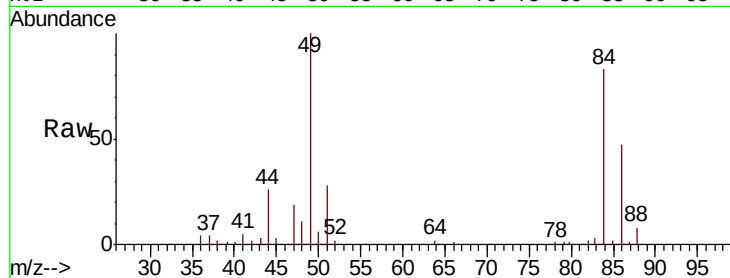
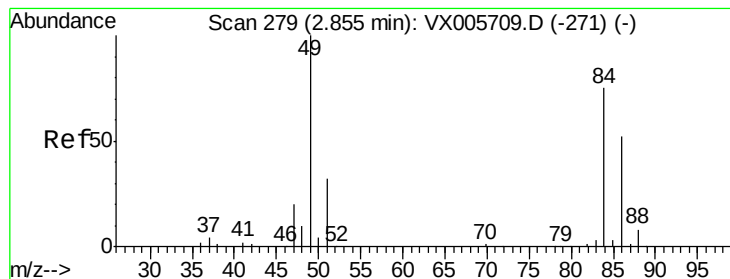
2000

1000

0

Time--> 2.70 2.75 2.80 2.85 2.90





#20

Methylene Chloride

Concen: 4.326 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#06

Tot Ion: 84 Resp: 9344

Ion Ratio Lower Upper

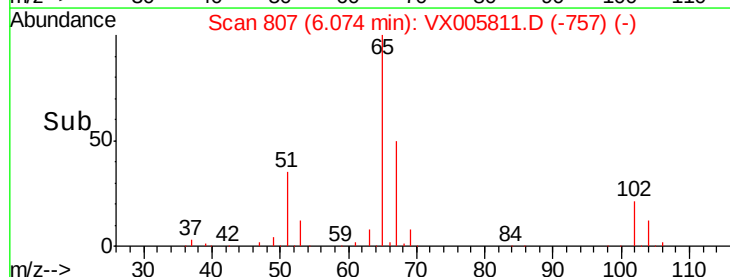
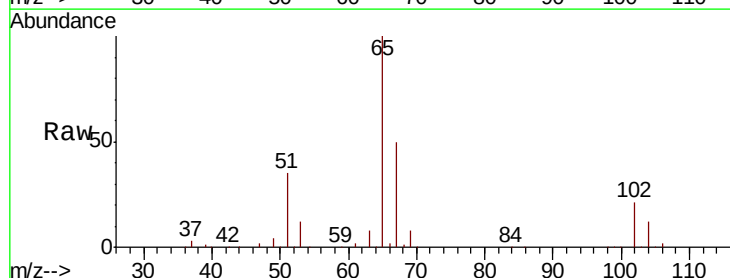
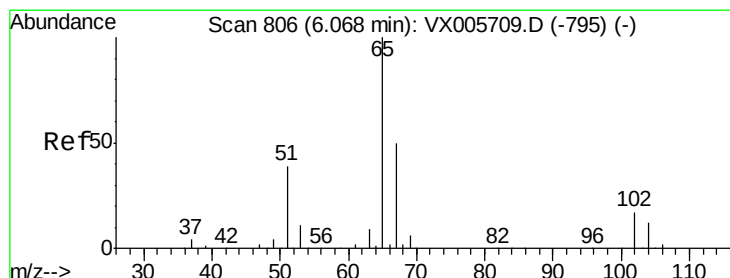
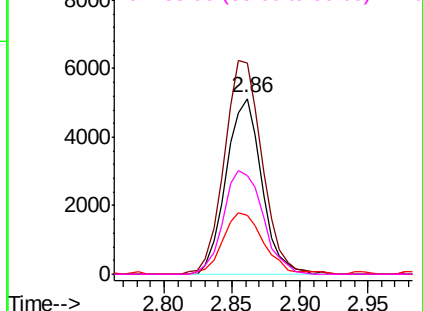
84 100

49 120.1 109.5 164.3

51 33.5 33.3 49.9

86 56.0 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: 49.146 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

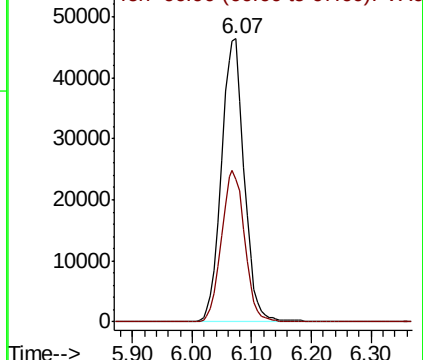
Tgt Ion: 65 Resp: 123108

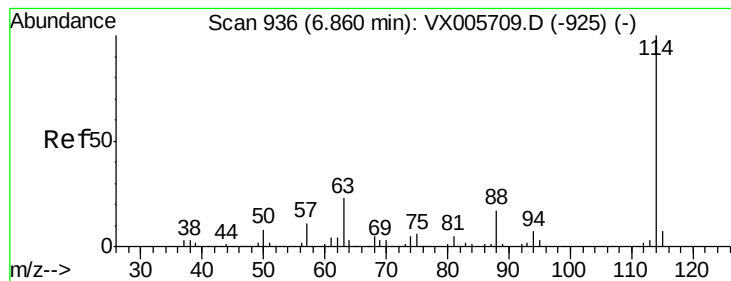
Ion Ratio Lower Upper

65 100

67 54.3 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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#06

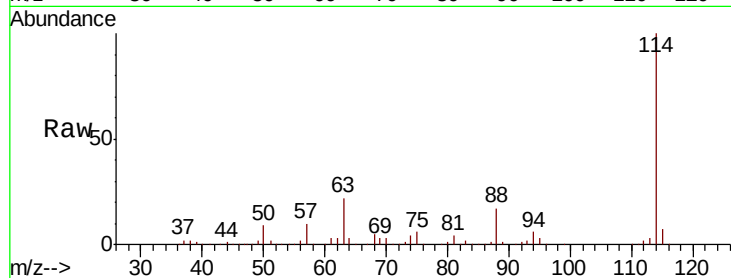
Tot Ion:114 Resp: 280685

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.8

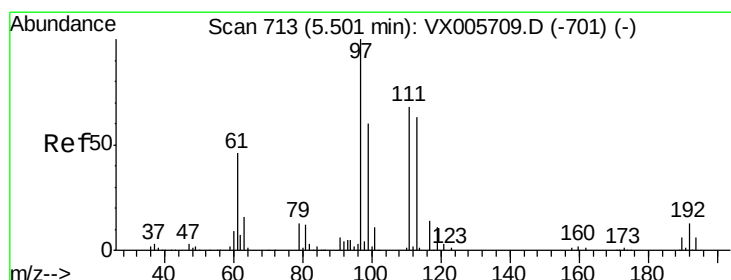
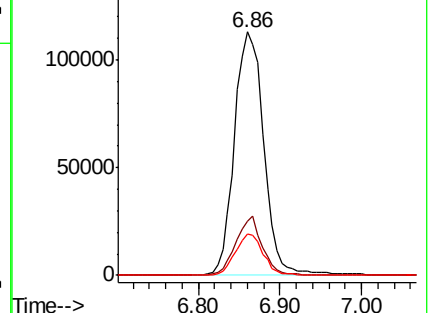
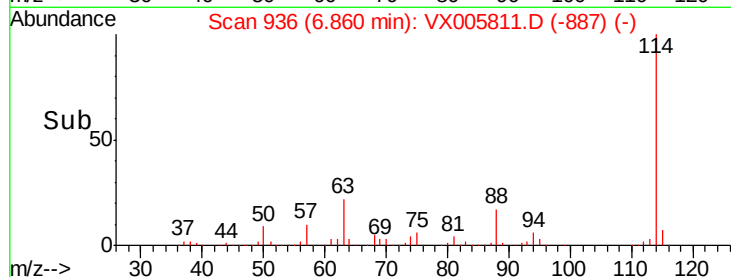
88 17.2 0.0 31.2



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: 48.492 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

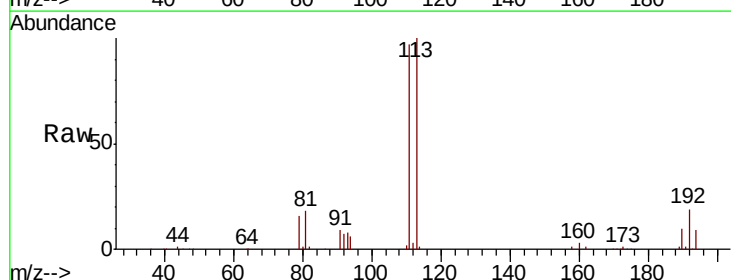
Tgt Ion:113 Resp: 94243

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

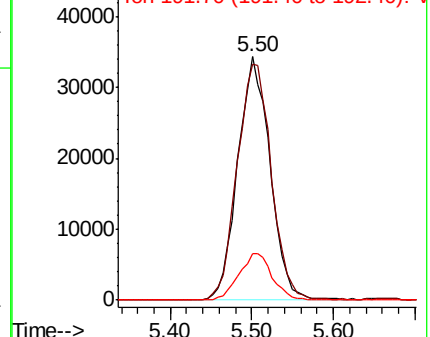
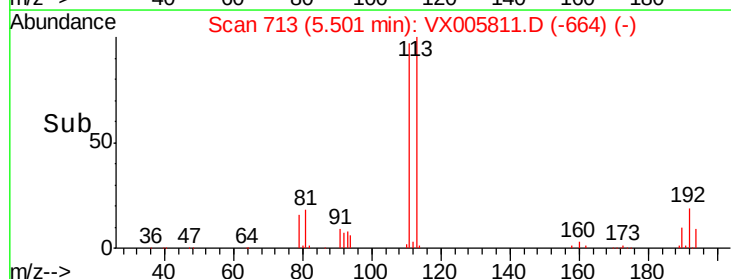
192 19.7 17.9 26.9

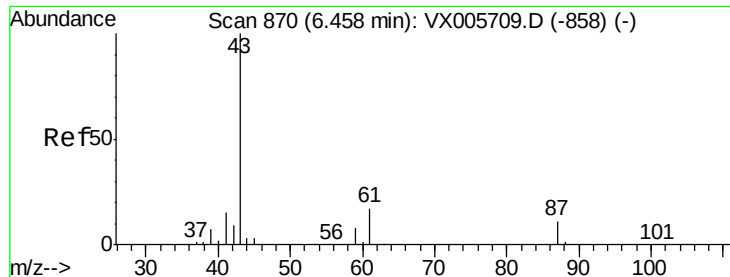


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



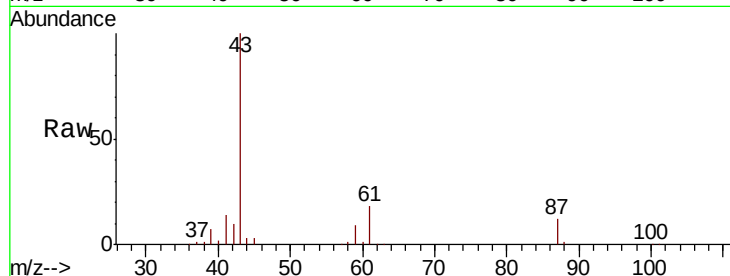


#43

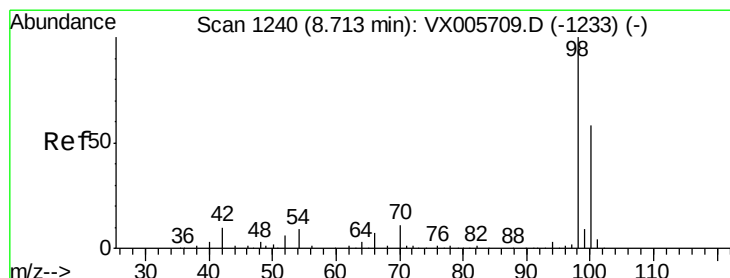
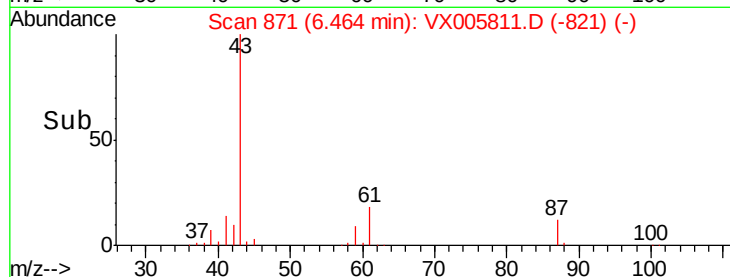
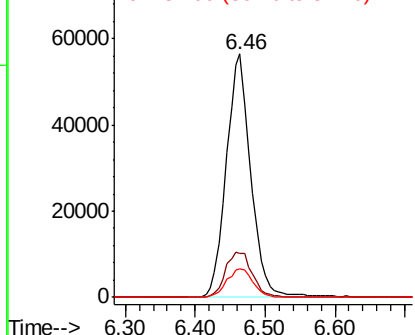
Isopropyl Acetate
 Concen: 24.831 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005811.D
 Acq: 06 Nov 2018 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#06

Tot Ion: 43 Resp: 137499
 Ion Ratio Lower Upper
 43 100
 61 20.5 14.6 22.0
 87 12.7 9.6 14.4



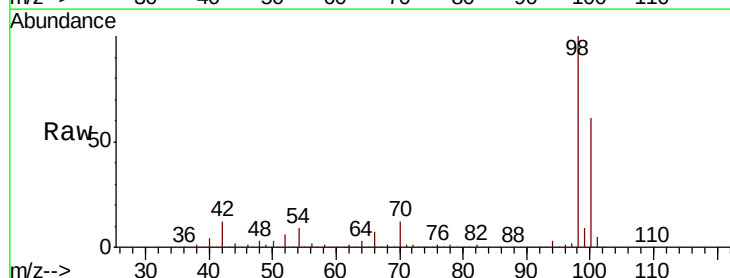
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



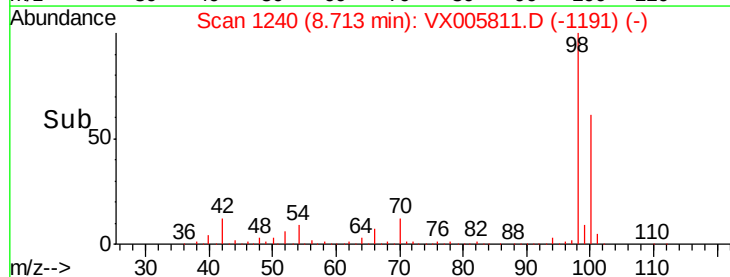
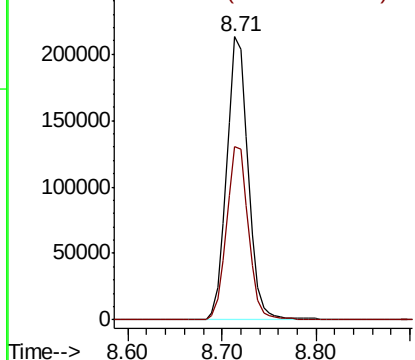
#50

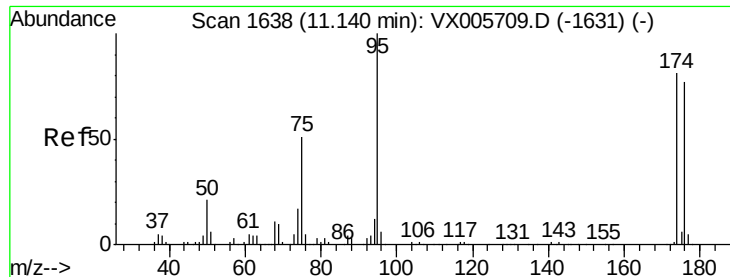
Toluene-d8
 Concen: 49.618 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005811.D
 Acq: 06 Nov 2018 16:11

Tgt Ion: 98 Resp: 338220
 Ion Ratio Lower Upper
 98 100
 100 62.5 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: 43.929 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#06

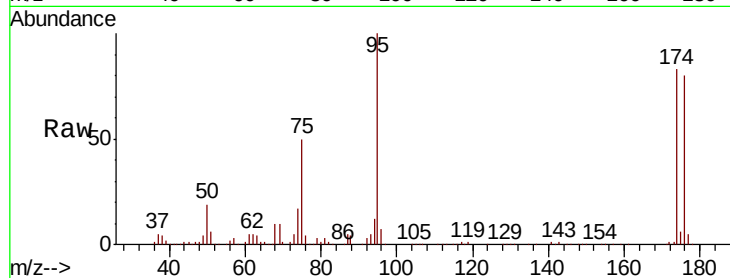
Tot Ion: 95 Resp: 110514

Ion Ratio Lower Upper

95 100

174 81.0 0.0 184.4

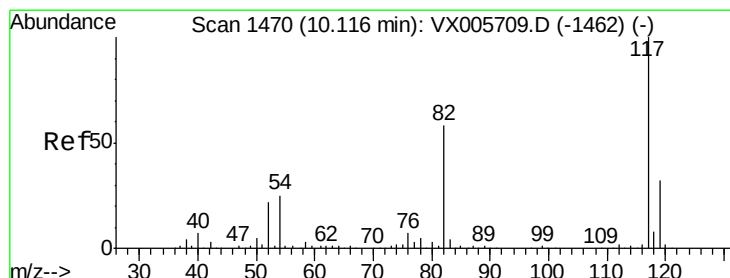
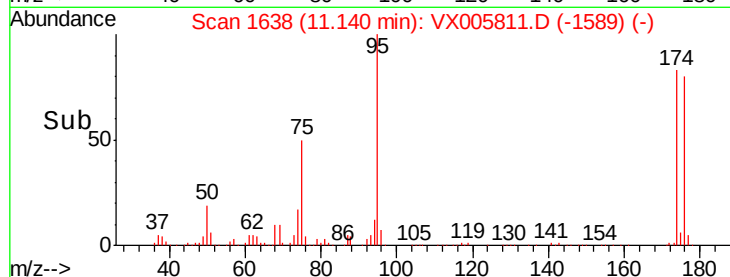
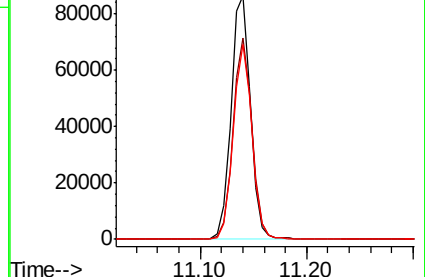
176 77.8 0.0 177.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

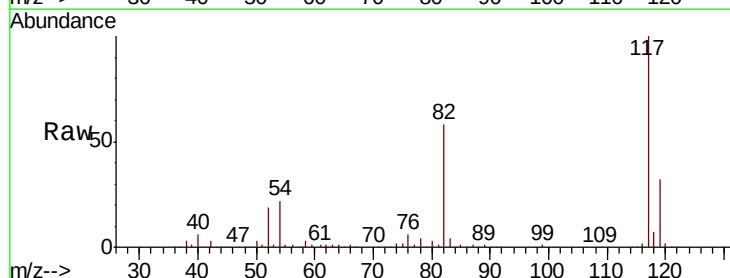
Tgt Ion: 117 Resp: 247912

Ion Ratio Lower Upper

117 100

82 57.6 44.1 66.1

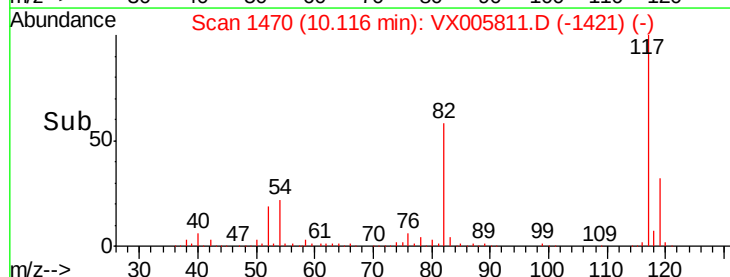
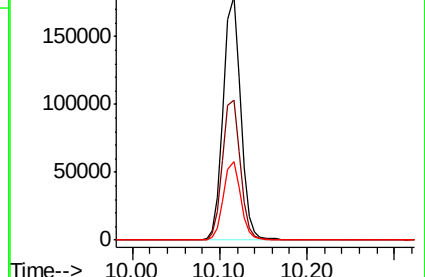
119 32.2 26.2 39.2

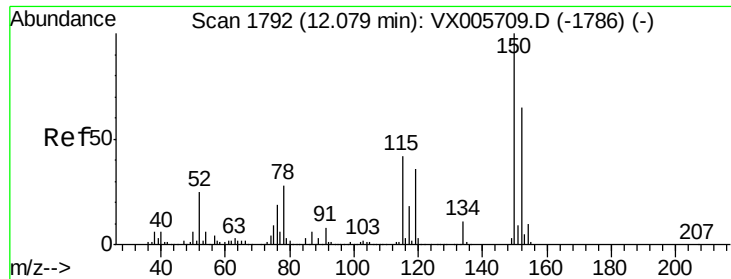


Abundance Ion 116.90 (116.60 to 117.60): VX005709.D (-1462) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005811.D

Acq: 06 Nov 2018 16:11

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#06

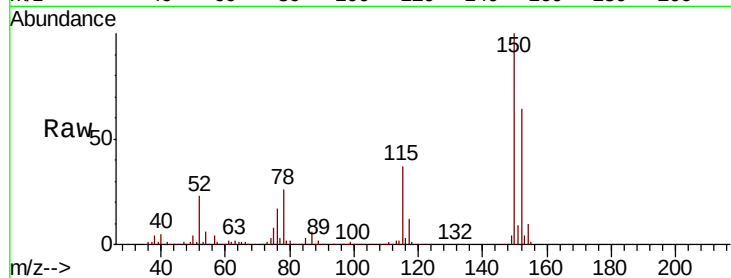
Tot Ion:152 Resp: 108537

Ion Ratio Lower Upper

152 100

115 59.6 39.4 118.1

150 157.6 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

