

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005778.D
 Acq On : 05 Nov 2018 15:11
 Operator : JC/MD
 Sample : J5794-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12B-S

Quant Time: Nov 06 01:33:18 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

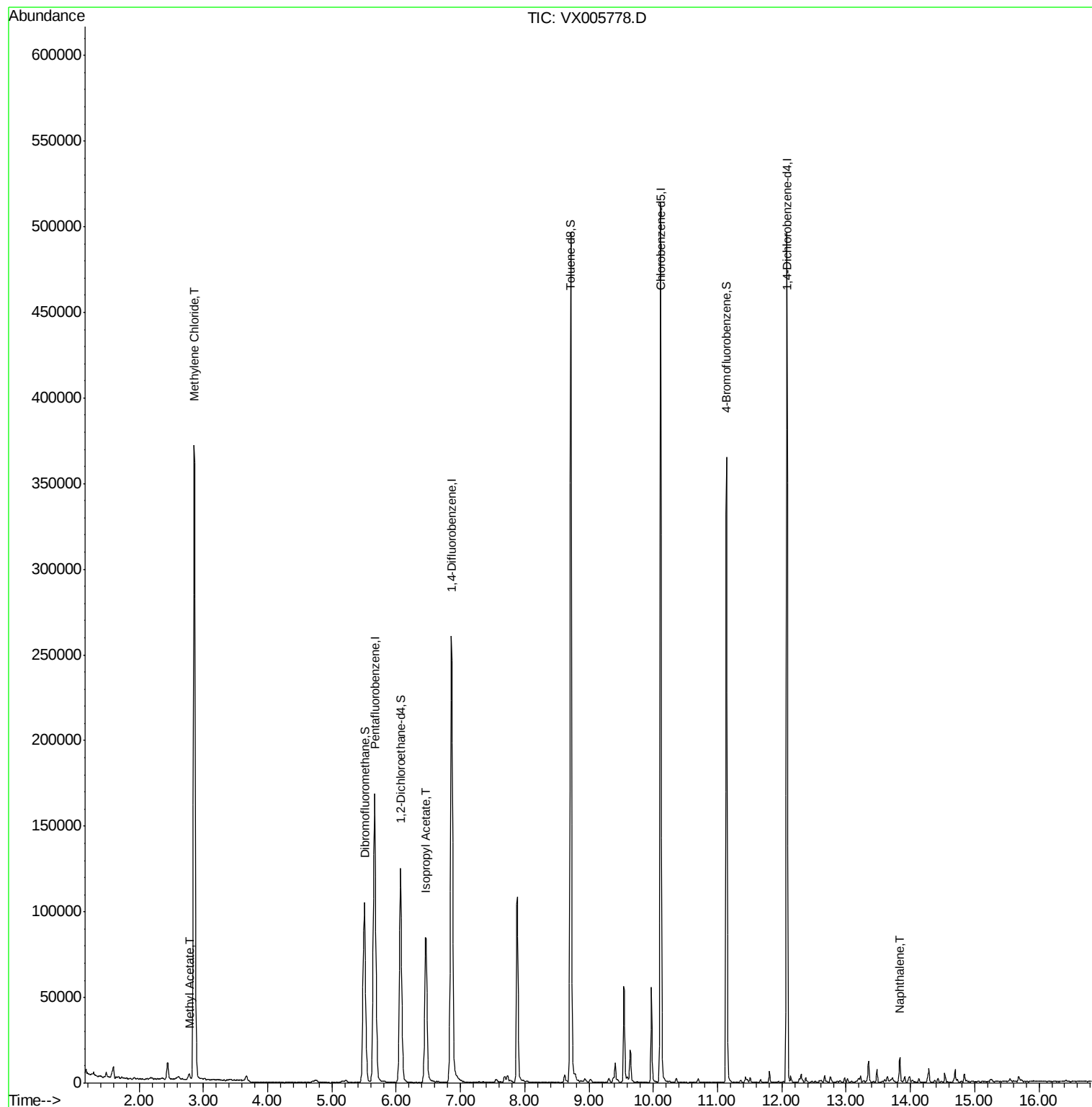
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	149752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	112650	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	87240	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	8.71	98	300312	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	93385	41.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.18%	
Target Compounds						
18) Methyl Acetate	2.78	43	3905	1.243	ug/l	95
20) Methylene Chloride	2.86	84	169763	89.916	ug/l	92
43) Isopropyl Acetate	6.46	43	113619	22.712	ug/l	98
95) Naphthalene	13.83	128	8409	1.295	ug/l	99

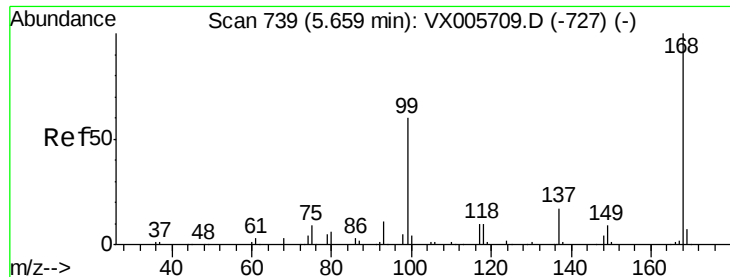
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005778.D

Acq: 05 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

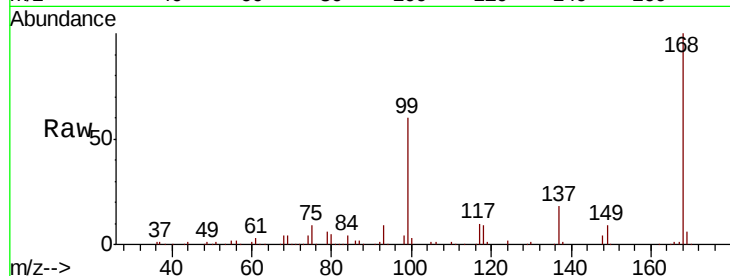
TP-12B-S

Tot Ion:168 Resp: 149752

Ion Ratio Lower Upper

168 100

99 60.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

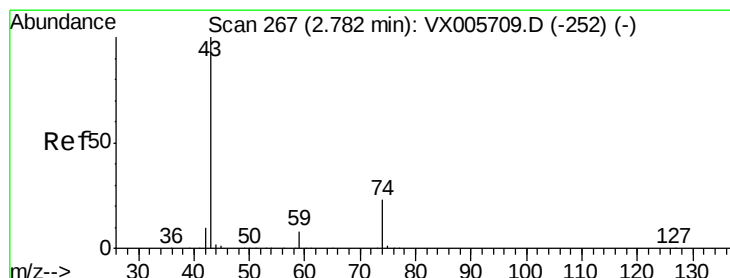
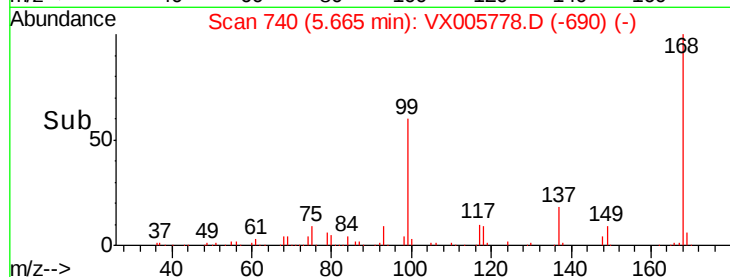
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.243 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005778.D

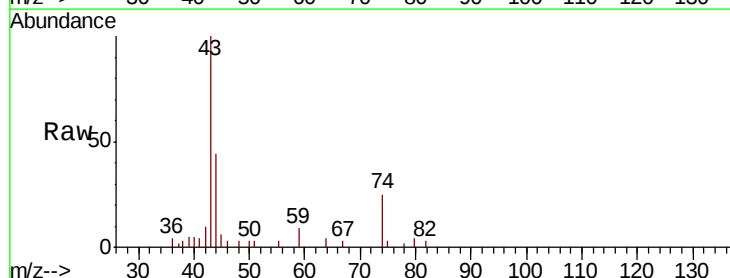
Acq: 05 Nov 2018 15:11

Tgt Ion: 43 Resp: 3905

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

2500

2000

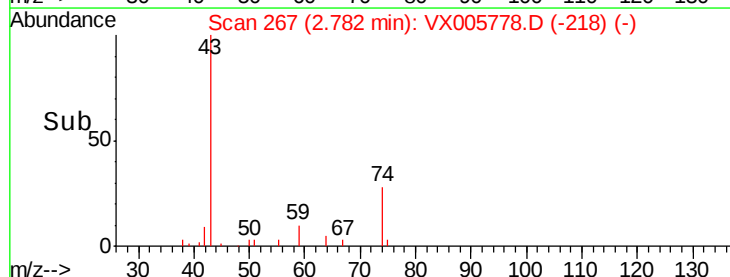
1500

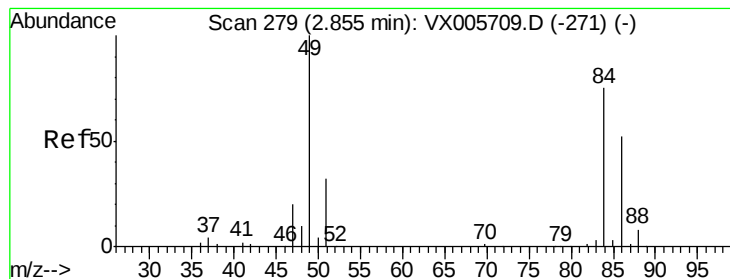
1000

500

0

Time--> 2.70 2.75 2.80 2.85





#20

Methylene Chloride

Concen: 89.916 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005778.D

Acq: 05 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

TP-12B-S

Tot Ion: 84 Resp: 169763

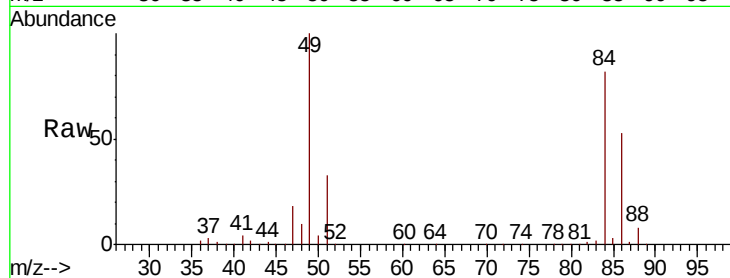
Ion Ratio Lower Upper

84 100

49 121.8 109.5 164.3

51 40.3 33.3 49.9

86 64.2 52.7 79.1



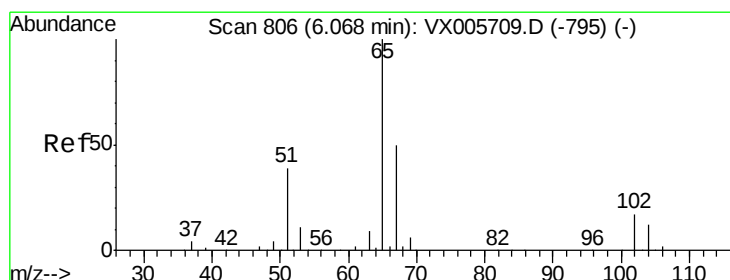
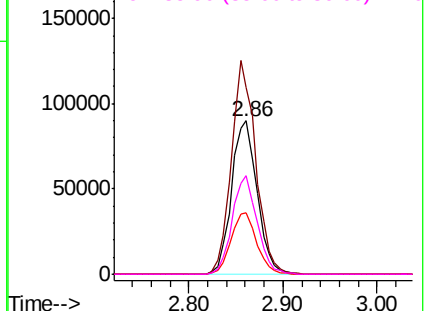
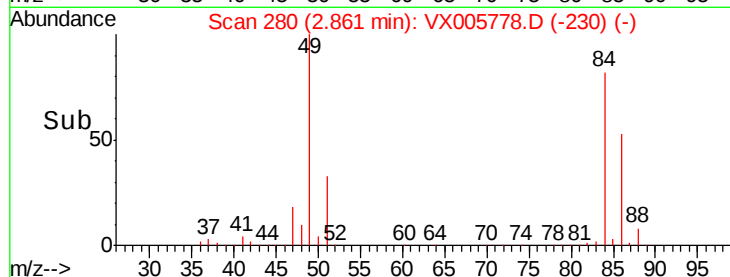
Abundance

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: 51.452 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005778.D

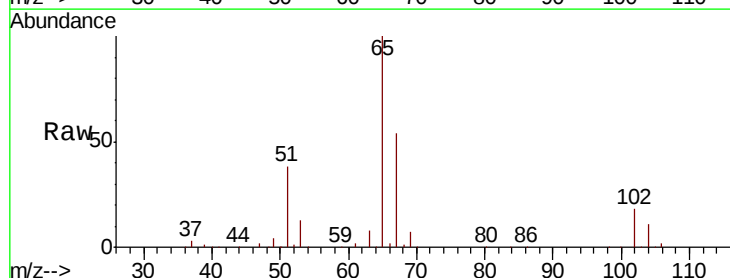
Acq: 05 Nov 2018 15:11

Tgt Ion: 65 Resp: 112650

Ion Ratio Lower Upper

65 100

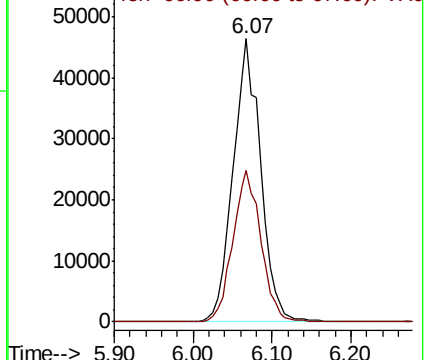
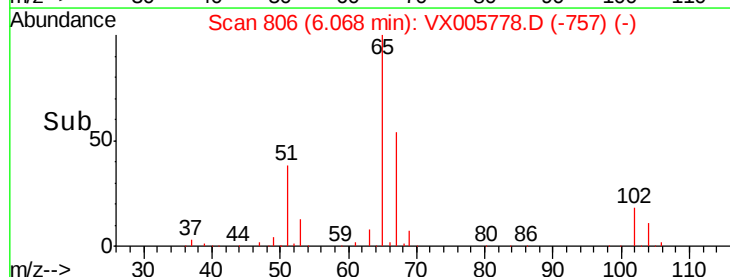
67 54.5 0.0 105.0

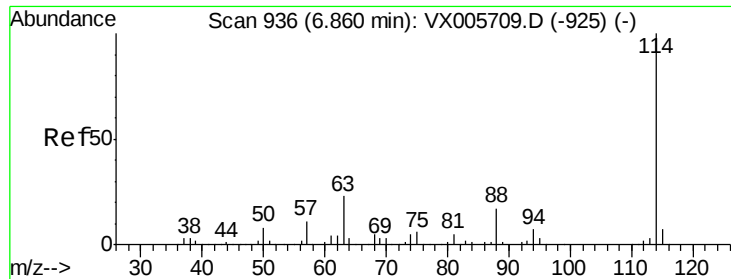


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

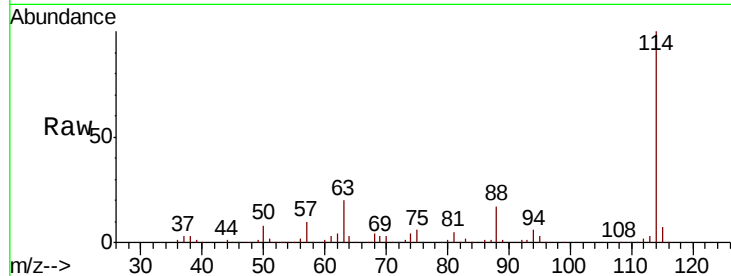




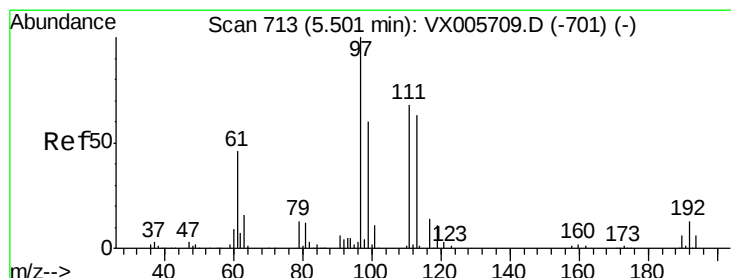
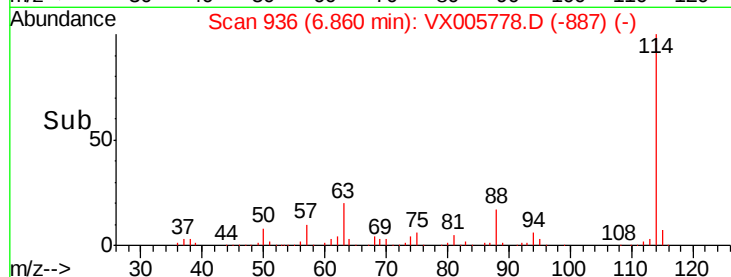
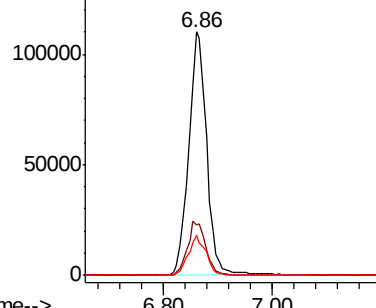
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005778.D
 Acq: 05 Nov 2018 15:11

Instrument :
 MSVOA_X
 ClientSampled :
 TP-12B-S

Tot Ion:114 Resp: 253572
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.8
 88 16.5 0.0 31.2

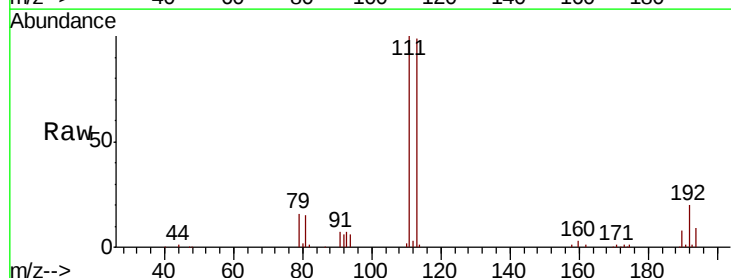


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

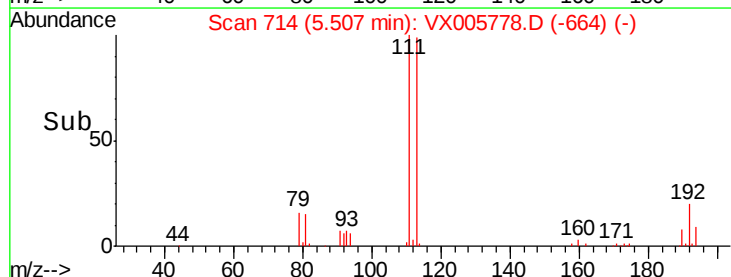
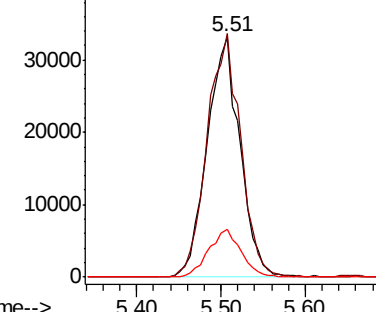


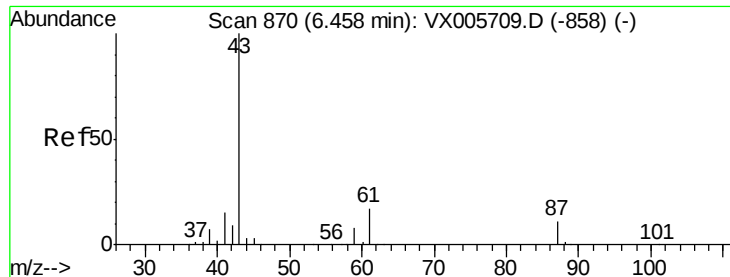
#35
 Dibromofluoromethane
 Concen: 49.688 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005778.D
 Acq: 05 Nov 2018 15:11

Tgt Ion:113 Resp: 87240
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.3 123.5
 192 19.6 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: 22.712 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX005778.D

Acq: 05 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

TP-12B-S

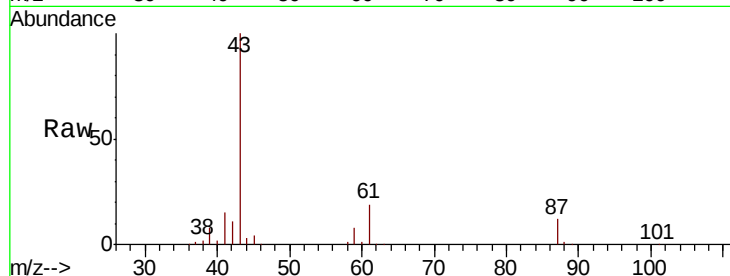
Tot Ion: 43 Resp: 113619

Ion Ratio Lower Upper

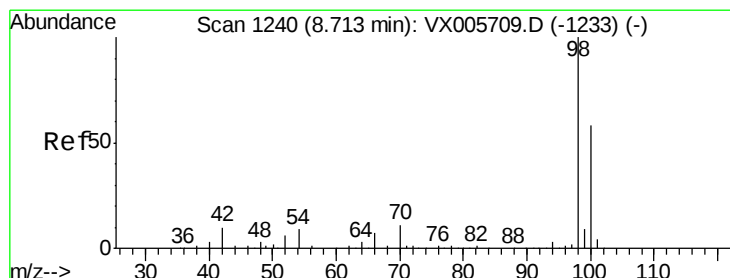
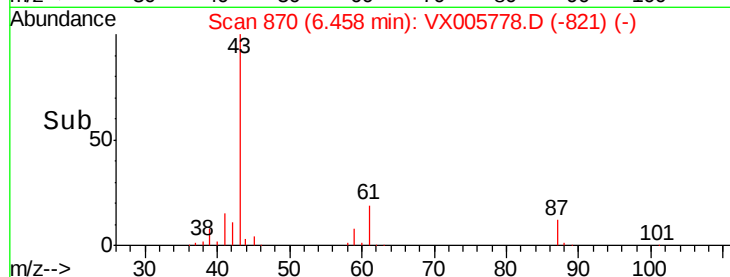
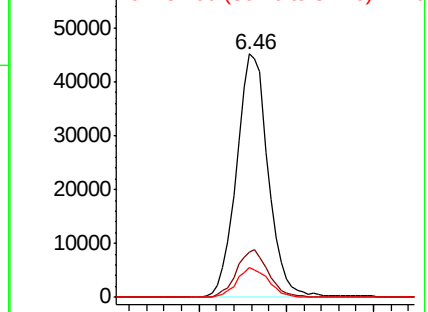
43 100

61 19.8 14.6 22.0

87 12.4 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: 48.768 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005778.D

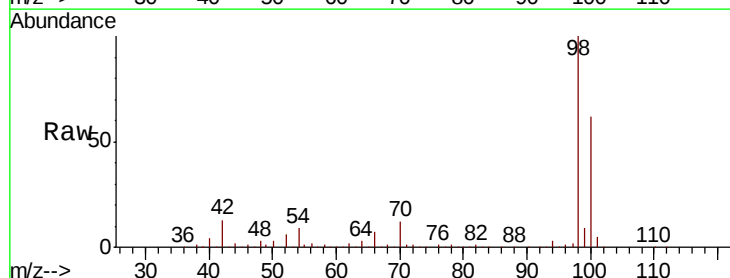
Acq: 05 Nov 2018 15:11

Tgt Ion: 98 Resp: 300312

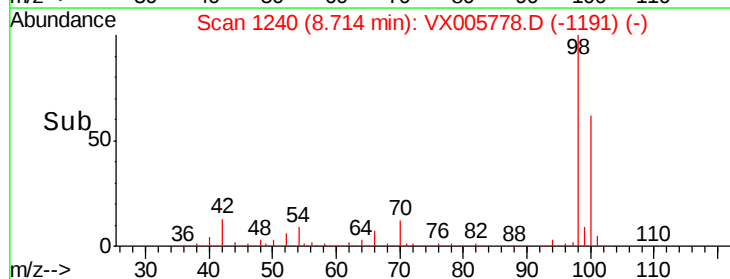
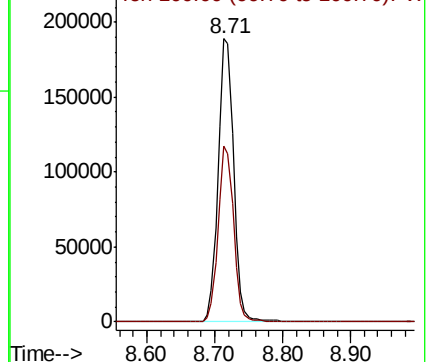
Ion Ratio Lower Upper

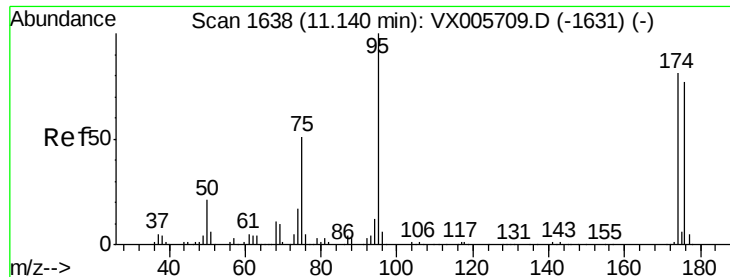
98 100

100 61.8 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: 41.089 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005778.D

Acq: 05 Nov 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

TP-12B-S

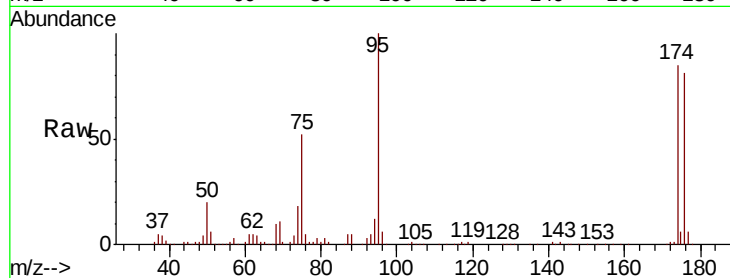
Tot Ion: 95 Resp: 93385

Ion Ratio Lower Upper

95 100

174 81.6 0.0 184.4

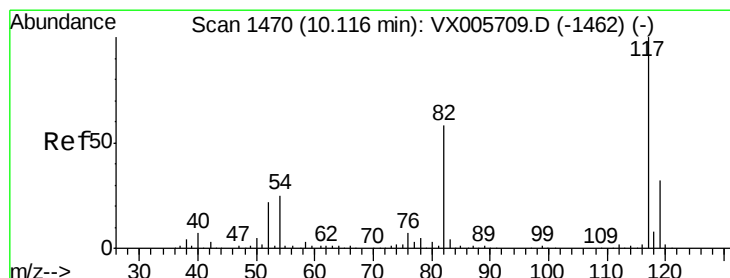
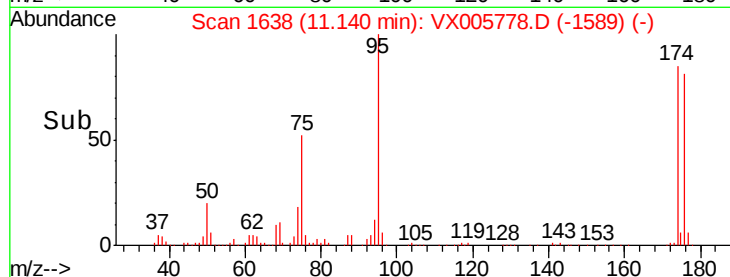
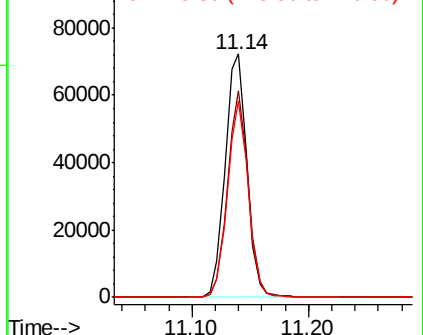
176 77.4 0.0 177.4



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: VX005778.D

Acq: 05 Nov 2018 15:11

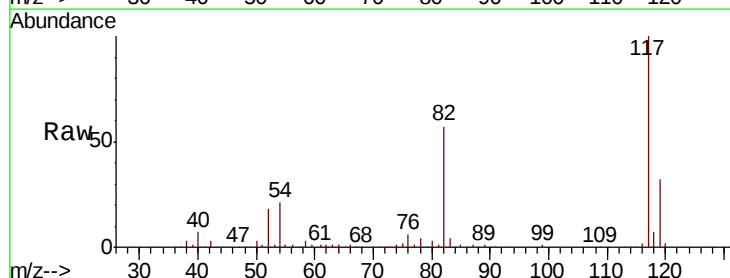
Tgt Ion: 117 Resp: 224956

Ion Ratio Lower Upper

117 100

82 57.3 44.1 66.1

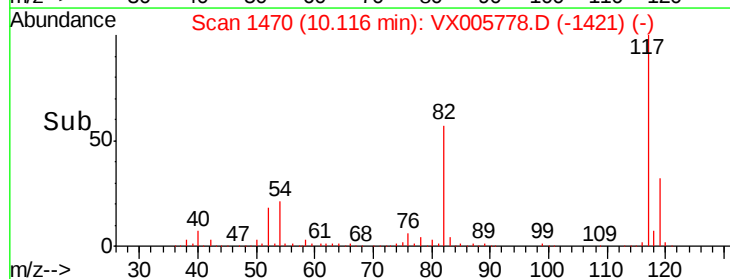
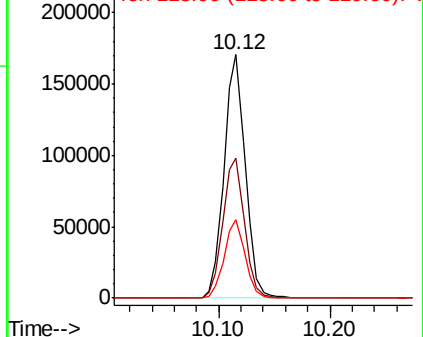
119 32.2 26.2 39.2

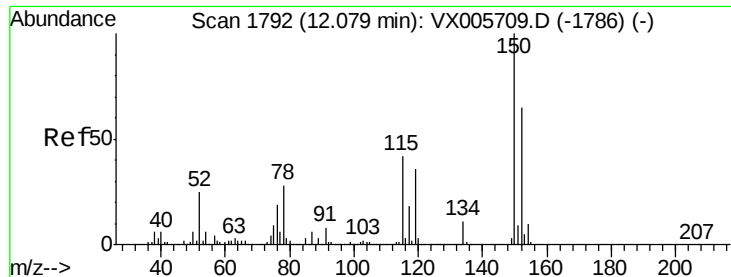


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



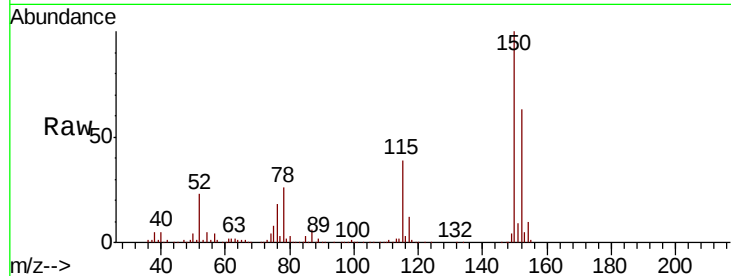


#72

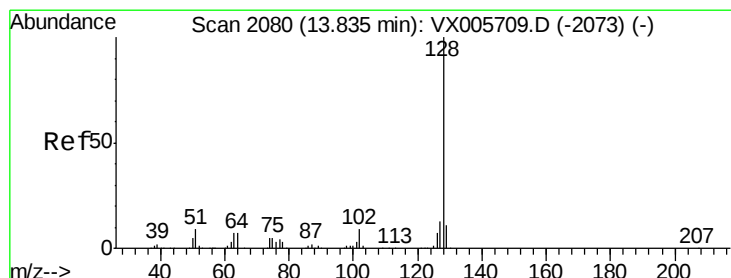
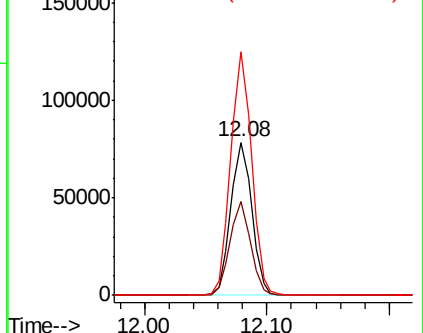
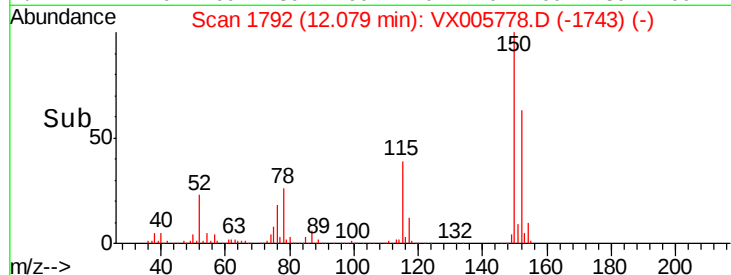
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005778.D
Acq: 05 Nov 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :
TP-12B-S

Tot Ion:152 Resp: 93145
Ion Ratio Lower Upper
152 100
115 60.2 39.4 118.1
150 158.3 0.0 346.4



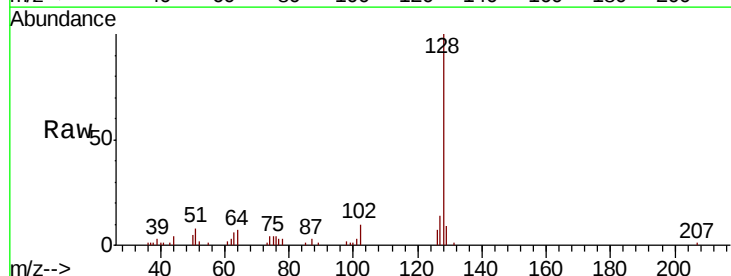
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.295 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005778.D
Acq: 05 Nov 2018 15:11

Tgt Ion:128 Resp: 8409
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

