

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005779.D
 Acq On : 05 Nov 2018 15:37
 Operator : JC/MD
 Sample : J5794-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11-S

Quant Time: Nov 06 01:37:38 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

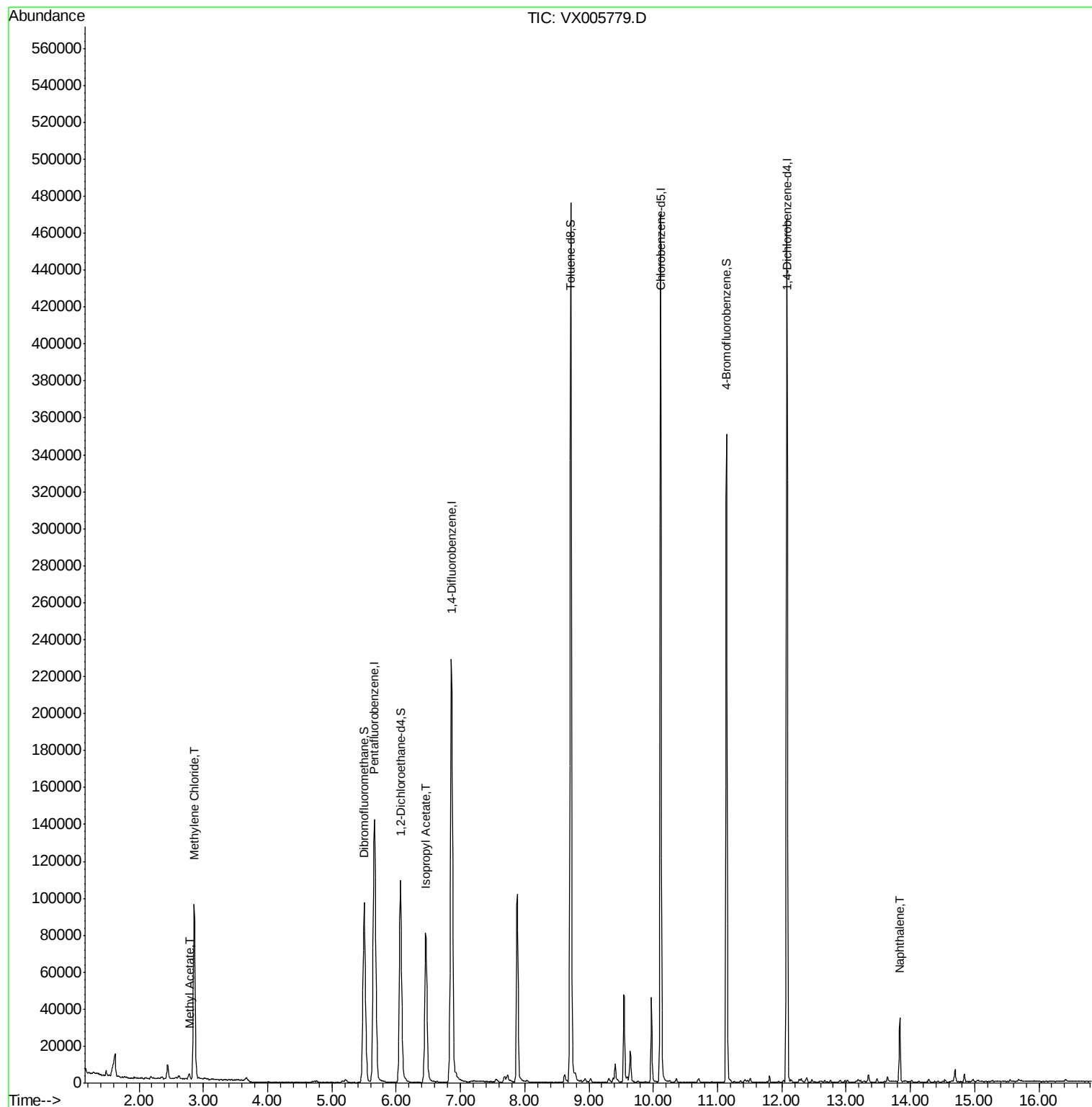
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	137153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	228376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	103970	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	5.50	113	79981	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	286947	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	90609	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
Target Compounds						
18) Methyl Acetate	2.78	43	3568	1.240	ug/l	92
20) Methylene Chloride	2.85	84	42171	24.388	ug/l	98
43) Isopropyl Acetate	6.46	43	104757	23.251	ug/l	99
95) Naphthalene	13.83	128	20686	3.295	ug/l	99

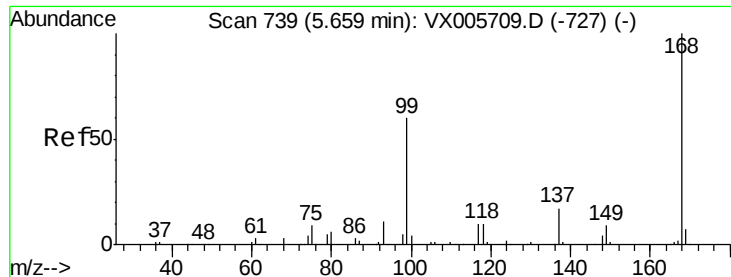
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005779.D

Acq: 05 Nov 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

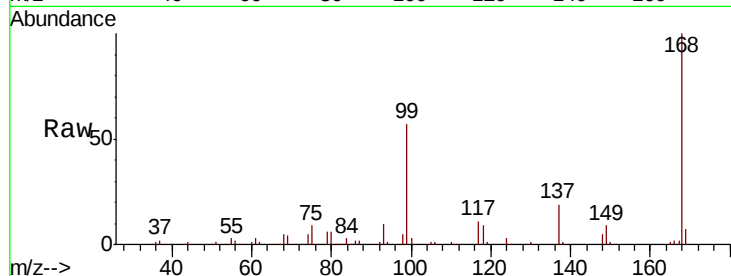
TP-11-S

Tot Ion:168 Resp: 137153

Ion Ratio Lower Upper

168 100

99 57.2 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

40000

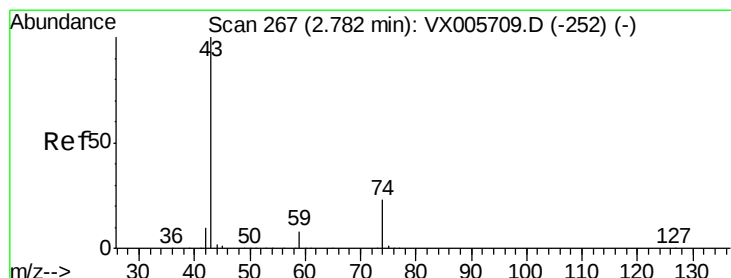
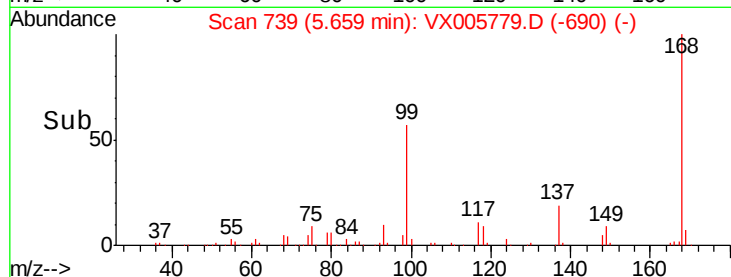
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.240 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005779.D

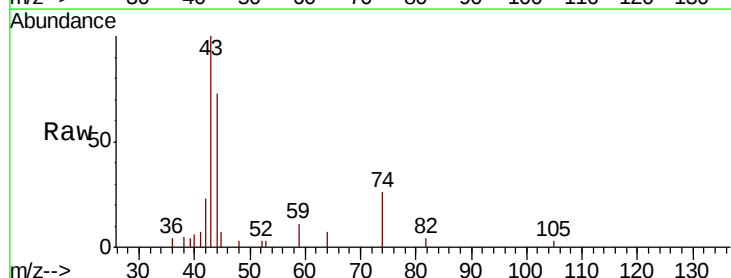
Acq: 05 Nov 2018 15:37

Tgt Ion: 43 Resp: 3568

Ion Ratio Lower Upper

43 100

74 24.7 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

2000

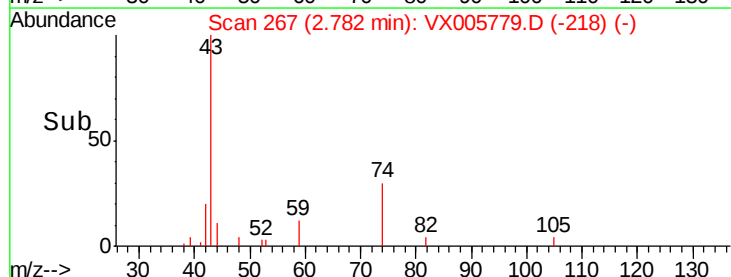
1500

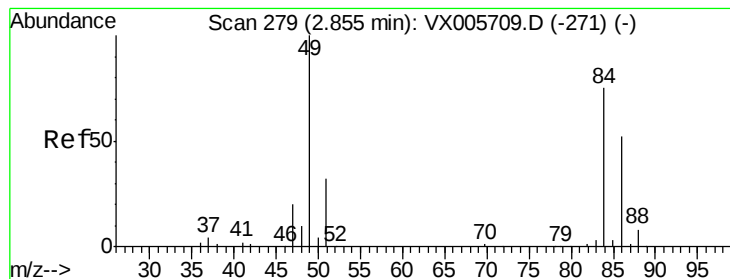
1000

500

0

Time--> 2.70 2.75 2.80 2.85





#20

Methylene Chloride

Concen: 24.388 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005779.D

Acq: 05 Nov 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

TP-11-S

Tot Ion: 84 Resp: 42171

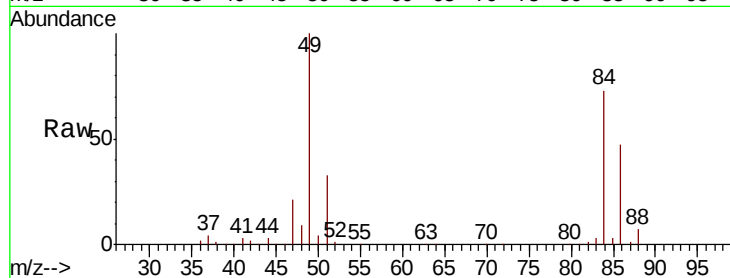
Ion Ratio Lower Upper

84 100

49 137.9 109.5 164.3

51 45.1 33.3 49.9

86 64.3 52.7 79.1

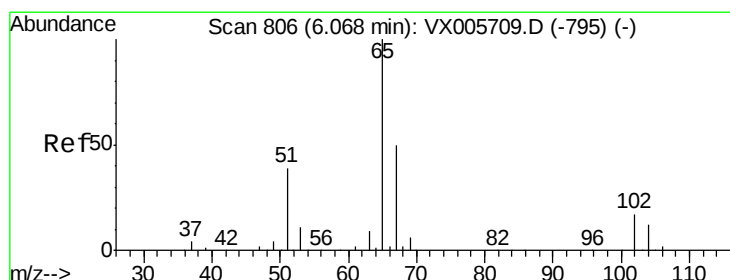
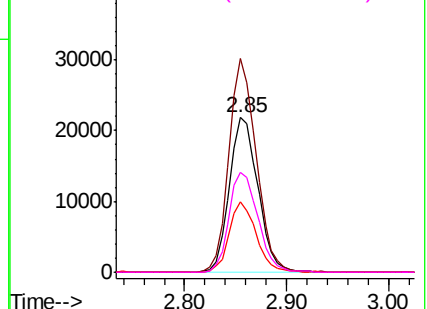
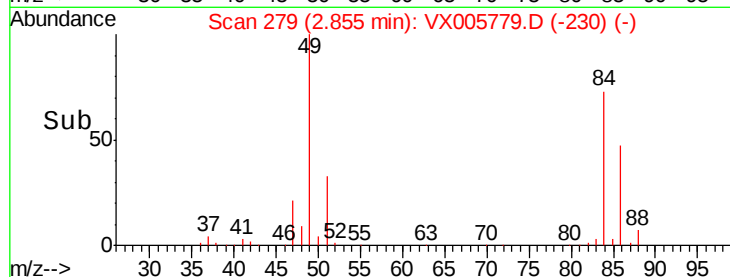


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 51.850 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005779.D

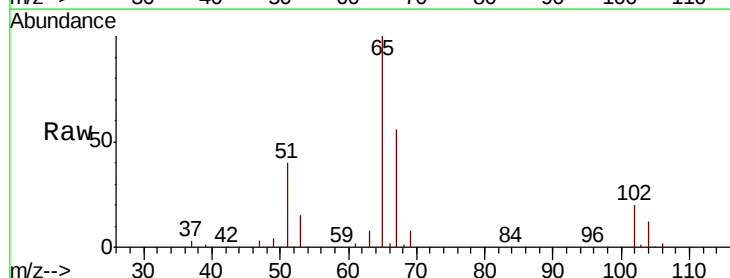
Acq: 05 Nov 2018 15:37

Tgt Ion: 65 Resp: 103970

Ion Ratio Lower Upper

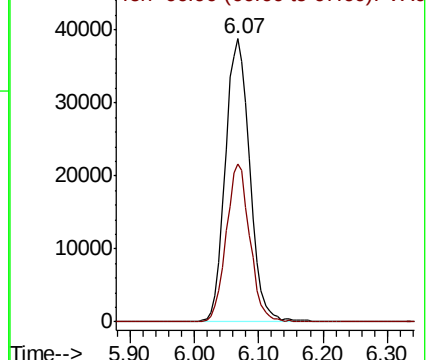
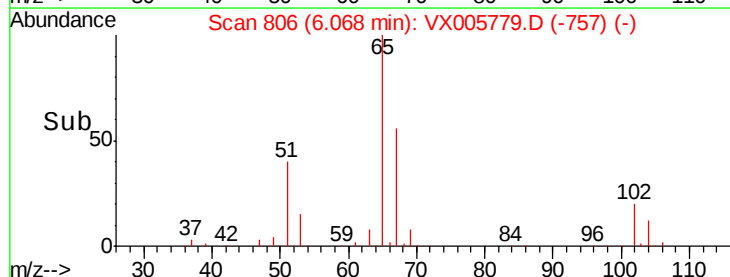
65 100

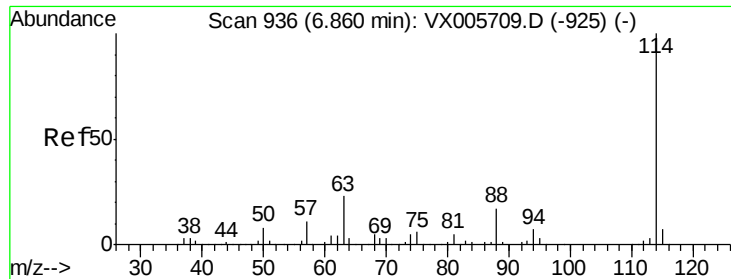
67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

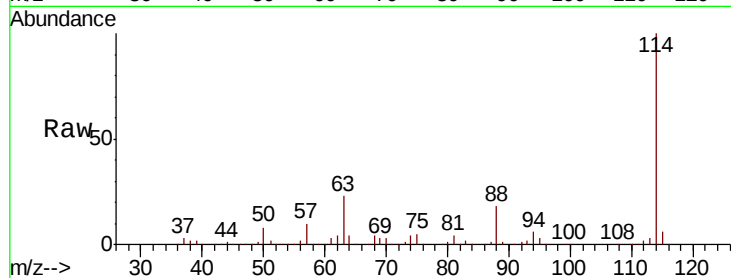




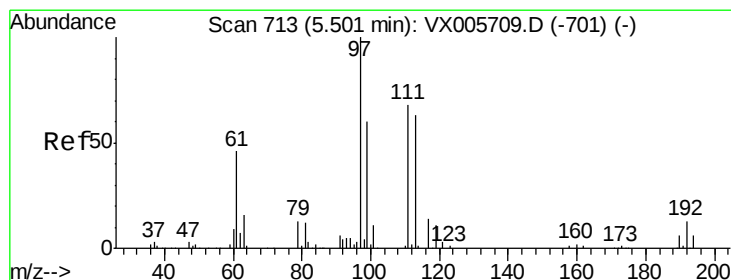
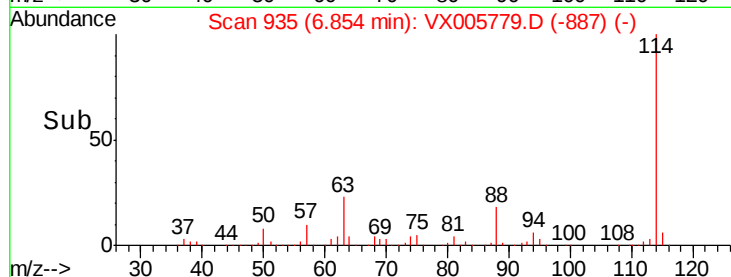
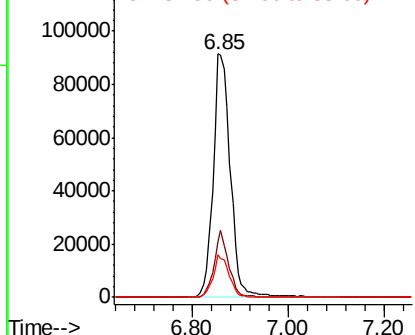
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005779.D
 Acq: 05 Nov 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11-S

Tot Ion:114 Resp: 228376
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.8
 88 17.6 0.0 31.2

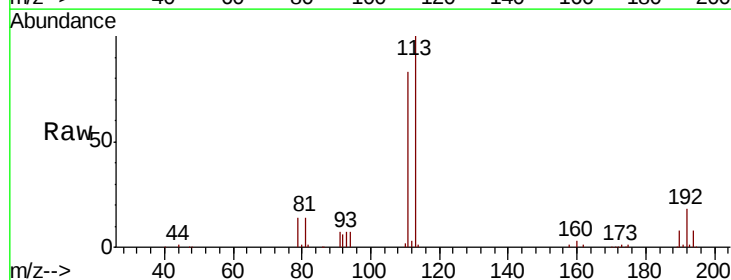


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

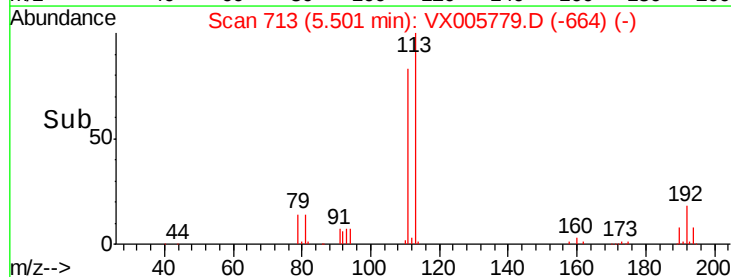
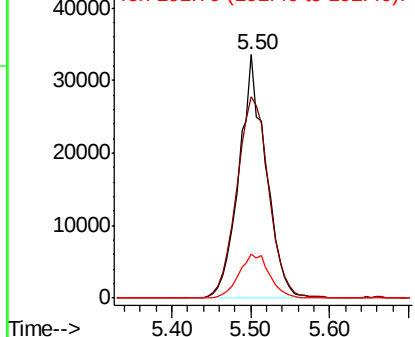


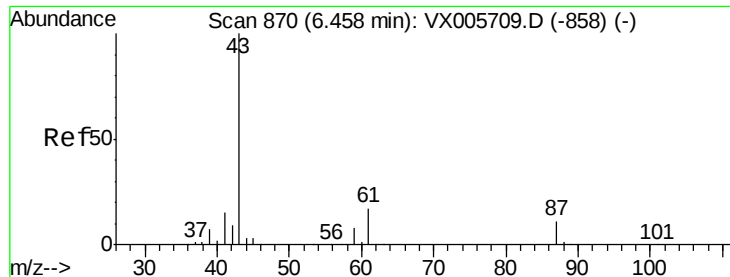
#35
 Dibromofluoromethane
 Concen: 50.579 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005779.D
 Acq: 05 Nov 2018 15:37

Tgt Ion:113 Resp: 79981
 Ion Ratio Lower Upper
 113 100
 111 98.5 82.3 123.5
 192 20.5 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



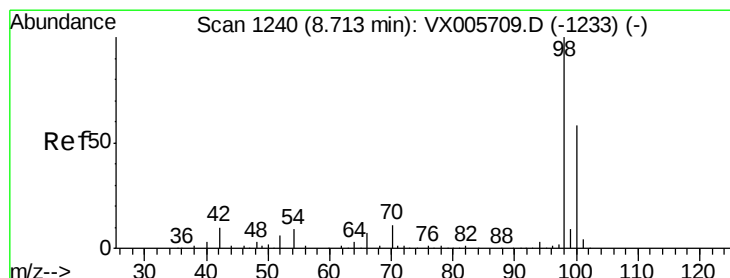
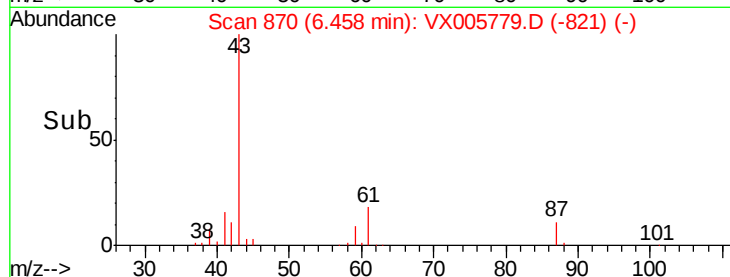
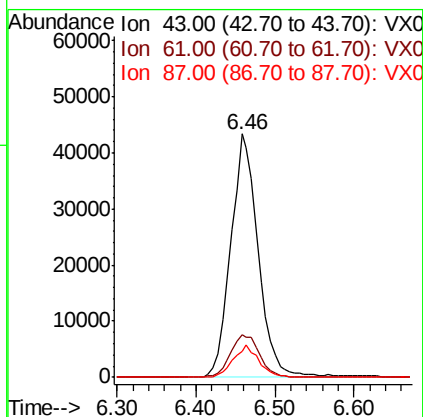
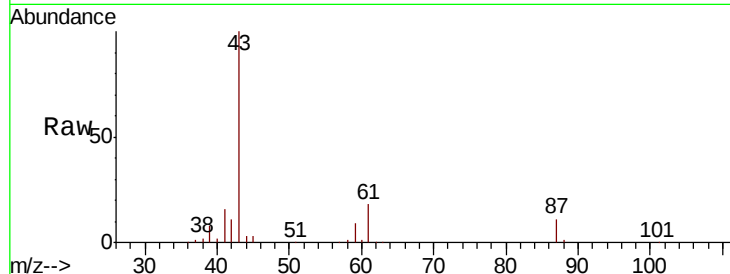


#43

Isopropyl Acetate
 Concen: 23.251 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005779.D
 Acq: 05 Nov 2018 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11-S

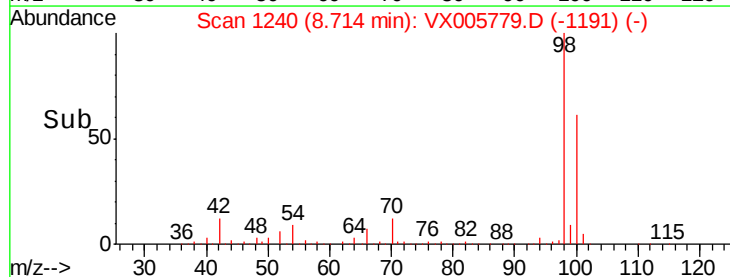
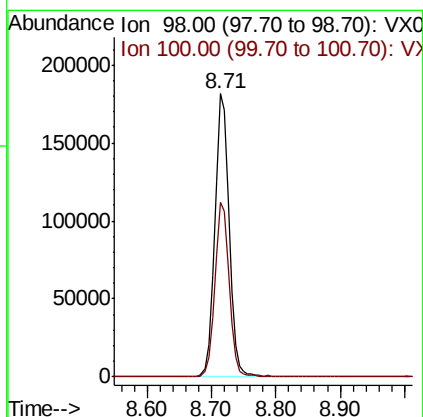
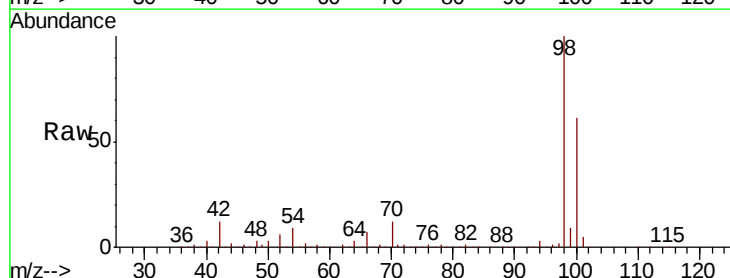
Tot Ion	43	61	87
Resp	104757		
Ratio	100	18.7	12.3
Lower		14.6	9.6
Upper		22.0	14.4

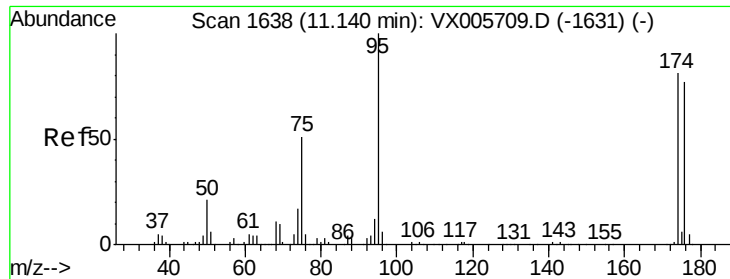


#50

Toluene-d8
 Concen: 51.738 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX005779.D
 Acq: 05 Nov 2018 15:37

Tgt Ion	98	100
Resp	286947	
Ratio	100	61.5
Lower		51.3
Upper		76.9

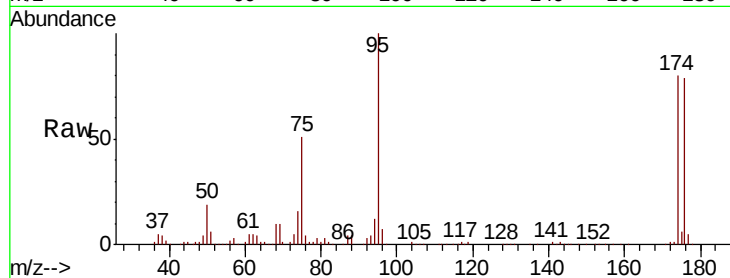




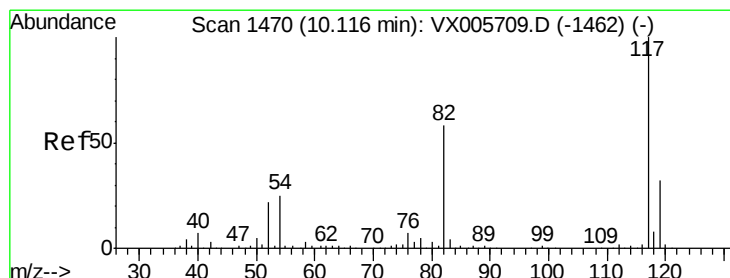
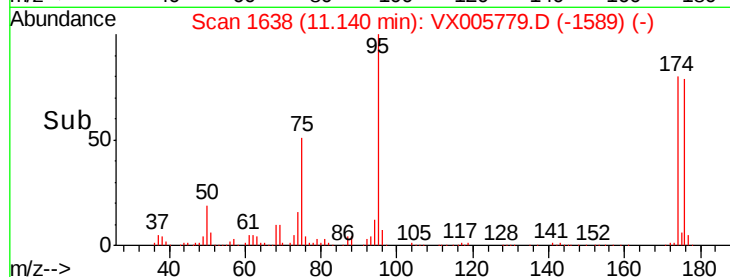
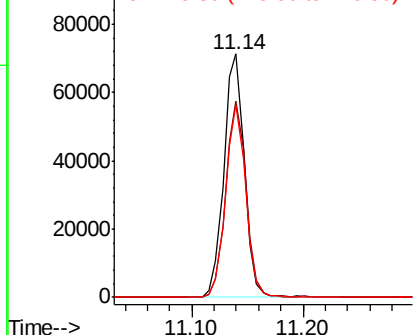
#62
4-Bromofluorobenzene
Concen: 44.266 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005779.D
Acq: 05 Nov 2018 15:37

Instrument :
MSVOA_X
ClientSampled :
TP-11-S

Tot Ion: 95 Resp: 90609
Ion Ratio Lower Upper
95 100
174 80.2 0.0 184.4
176 77.8 0.0 177.4

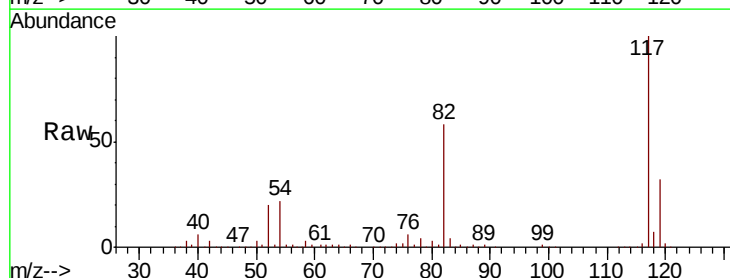


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

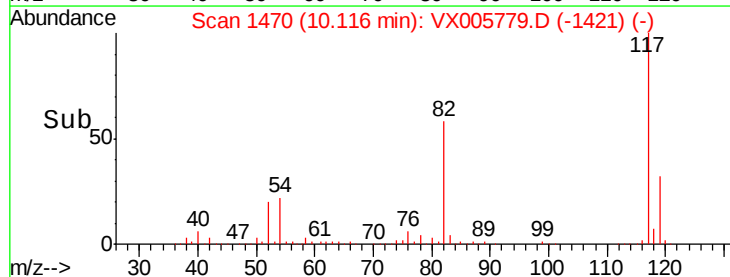
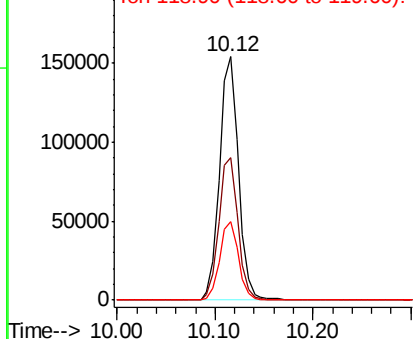


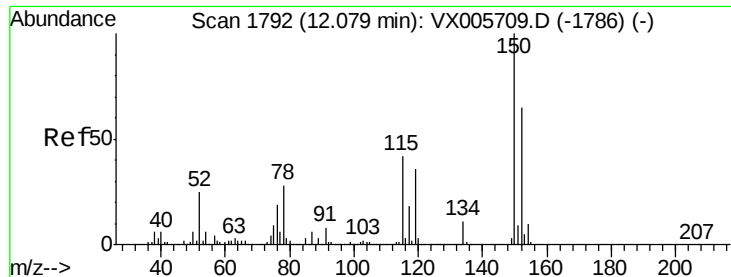
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005779.D
Acq: 05 Nov 2018 15:37

Tgt Ion: 117 Resp: 207648
Ion Ratio Lower Upper
117 100
82 58.5 44.1 66.1
119 32.1 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: VX005779.D

Acq: 05 Nov 2018 15:37

Instrument :

MSVOA_X

ClientSampleId :

TP-11-S

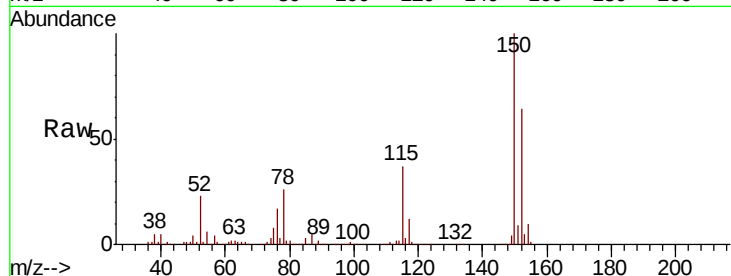
Tot Ion:152 Resp: 90020

Ion Ratio Lower Upper

152 100

115 59.5 39.4 118.1

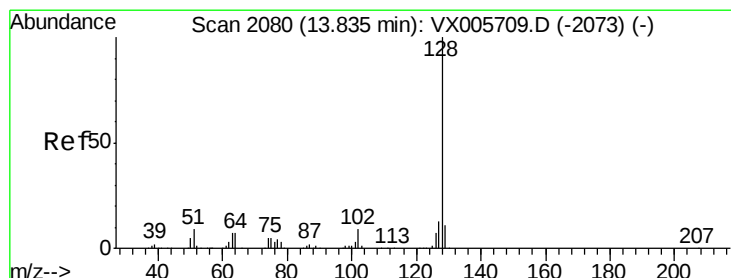
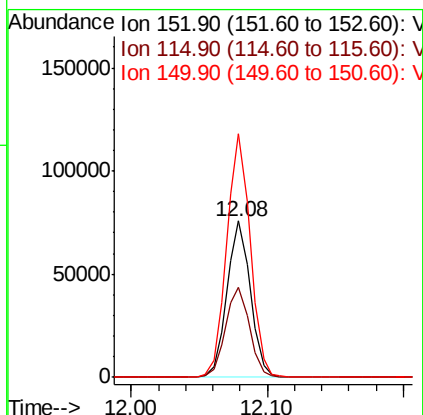
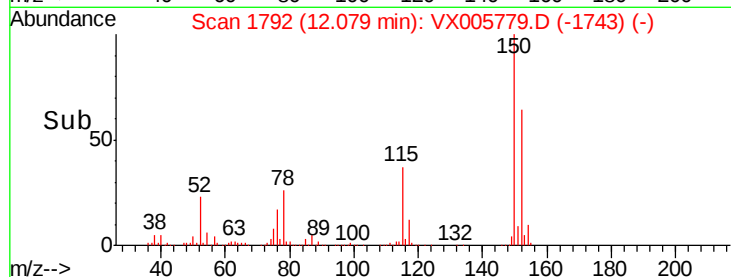
150 157.0 0.0 346.4



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: 3.295 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005779.D

Acq: 05 Nov 2018 15:37

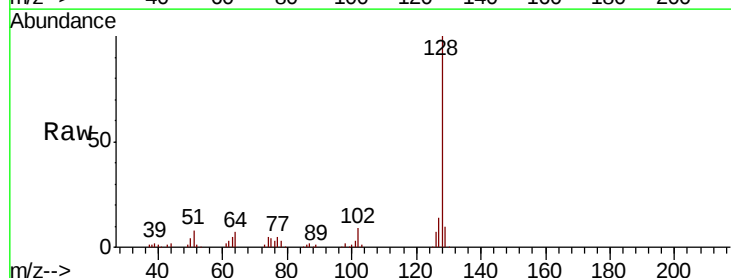
Tgt Ion:128 Resp: 20686

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 11.0 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

