

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004877.D
 Acq On : 01 Oct 2018 18:09
 Operator : JC/MD
 Sample : J5135-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-2327

Quant Time: Oct 11 13:45:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

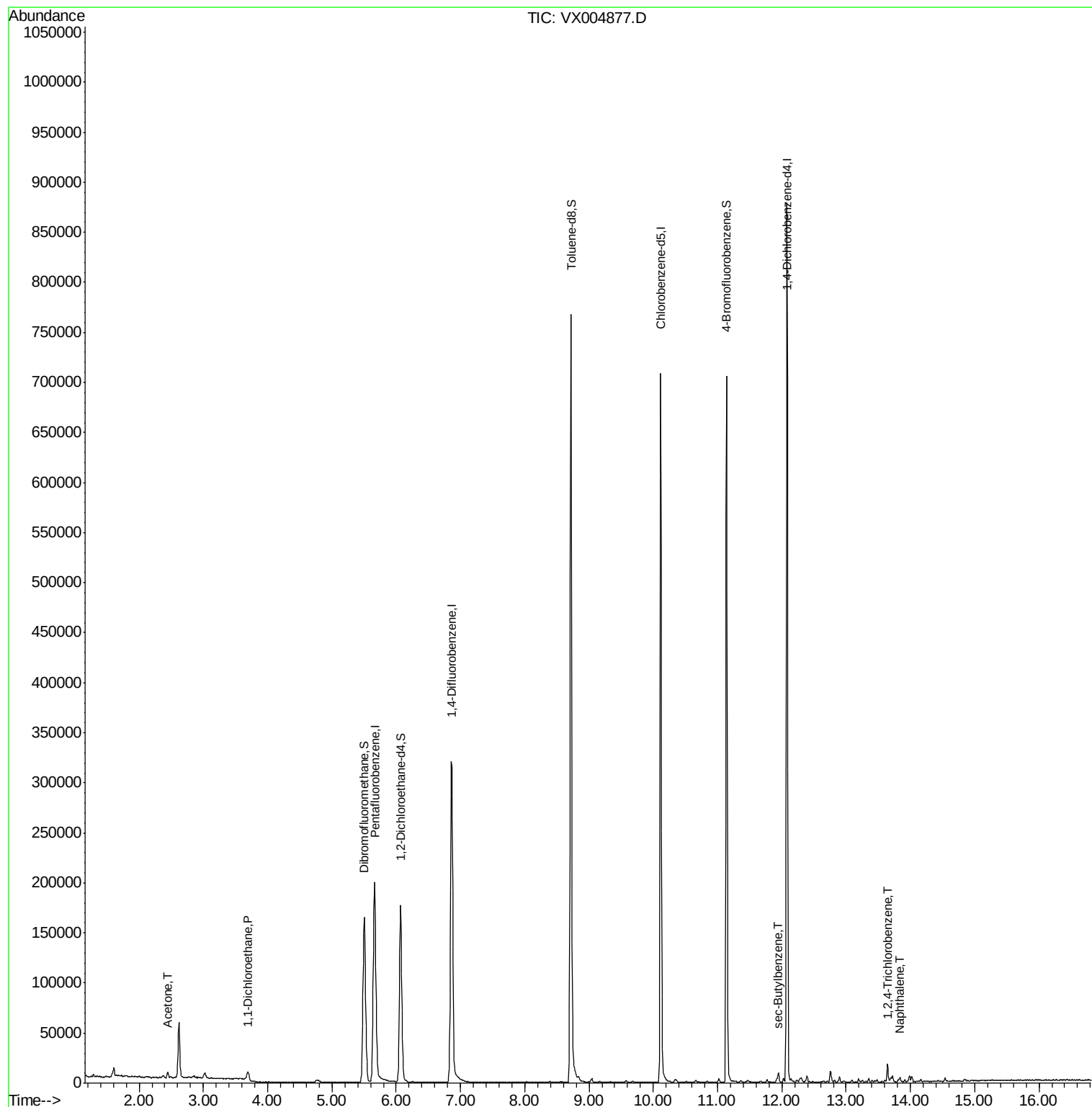
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167180	56.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.64%	
35) Dibromofluoromethane	5.50	113	140889	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.72	98	501799	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.14	95	174765	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
16) Acetone	2.45	43	5270	3.041	ug/l	92
24) 1,1-Dichloroethane	3.70	63	10513	2.131	ug/l	97
85) sec-Butylbenzene	11.95	105	4654	0.407	ug/l	84
93) 1,2,4-Trichlorobenzene	13.65	180	3882	0.856	ug/l	95
95) Naphthalene	13.83	128	2574	0.888	ug/l #	84

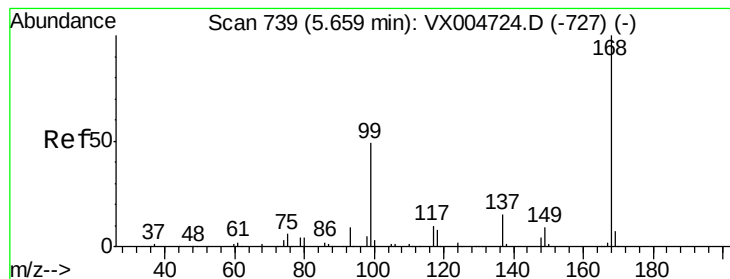
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 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: VX004877.D

Acq: 01 Oct 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

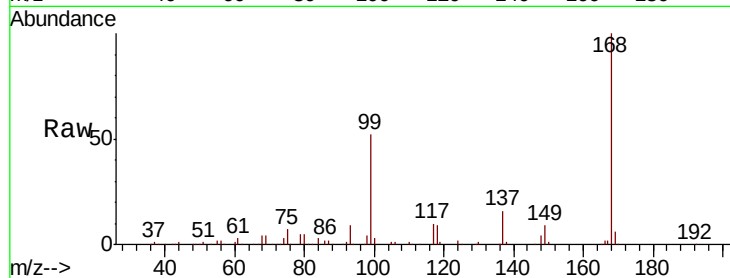
SA-TW508-2327

Tot Ion:168 Resp: 207781

Ion Ratio Lower Upper

168 100

99 51.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

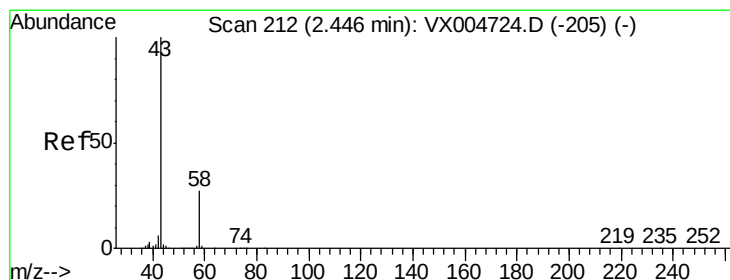
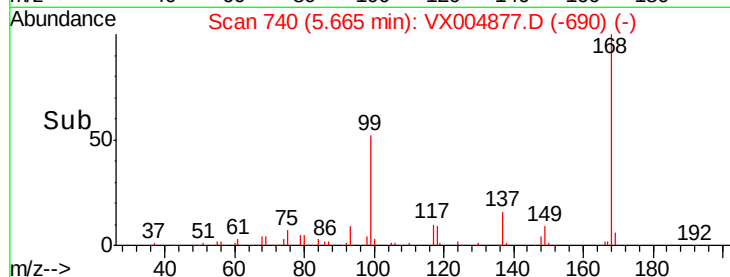
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.041 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004877.D

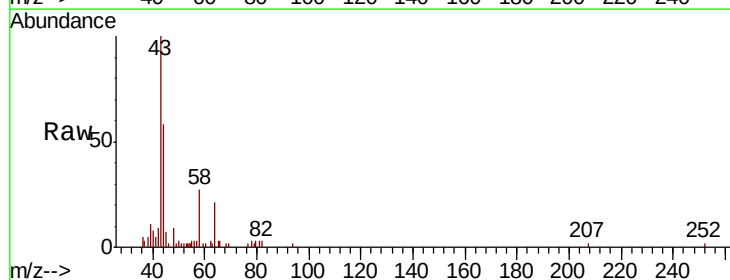
Acq: 01 Oct 2018 18:09

Tgt Ion: 43 Resp: 5270

Ion Ratio Lower Upper

43 100

58 28.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

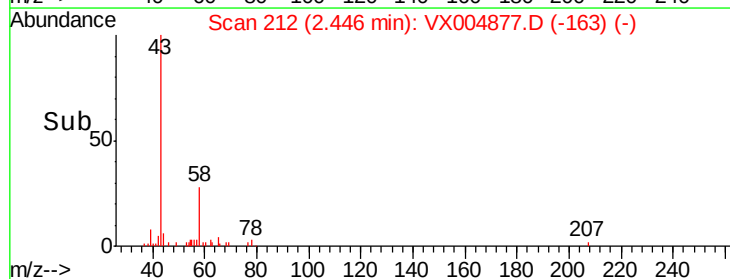
3000

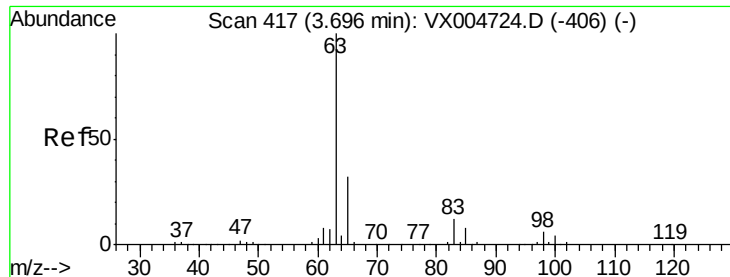
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 2.131 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004877.D

Acq: 01 Oct 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-2327

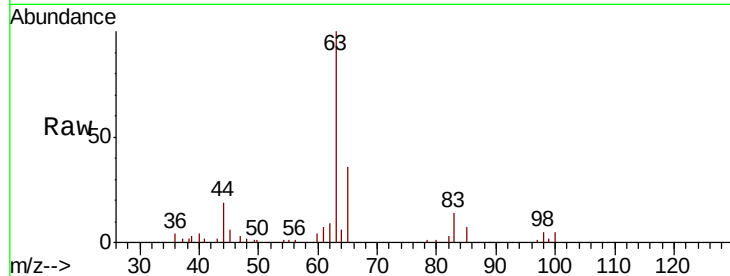
Tot Ion: 63 Resp: 10513

Ion Ratio Lower Upper

63 100

98 5.4 3.5 10.4

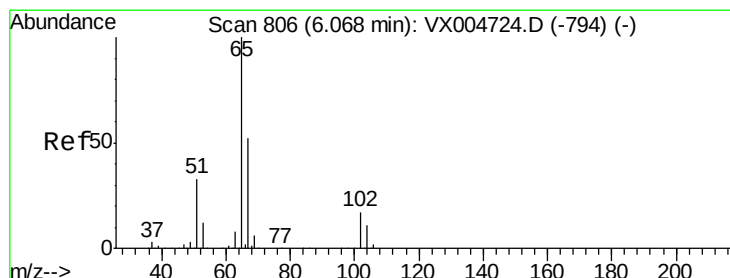
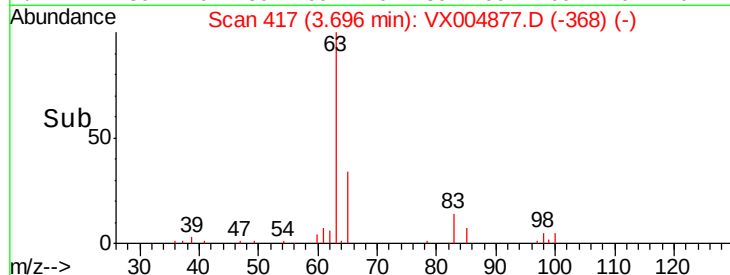
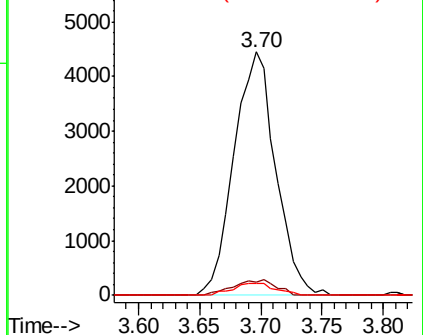
100 5.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.325 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004877.D

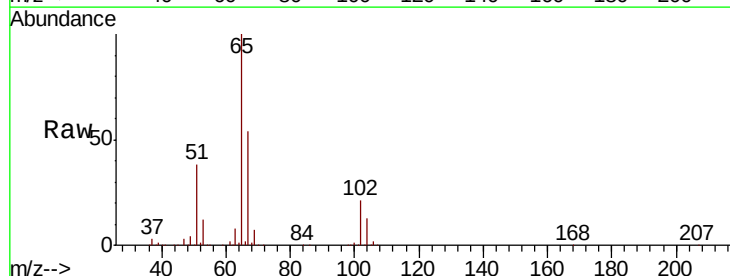
Acq: 01 Oct 2018 18:09

Tgt Ion: 65 Resp: 167180

Ion Ratio Lower Upper

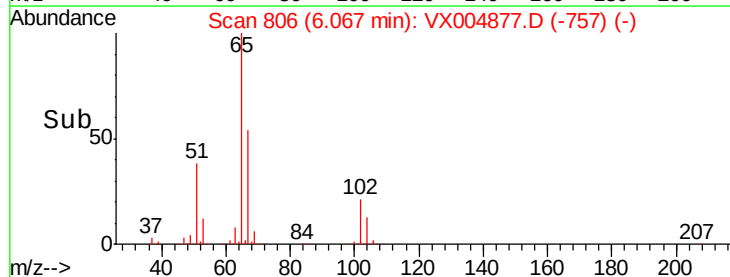
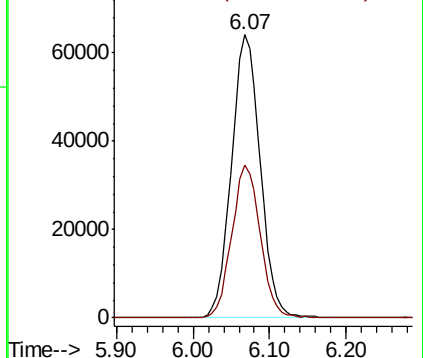
65 100

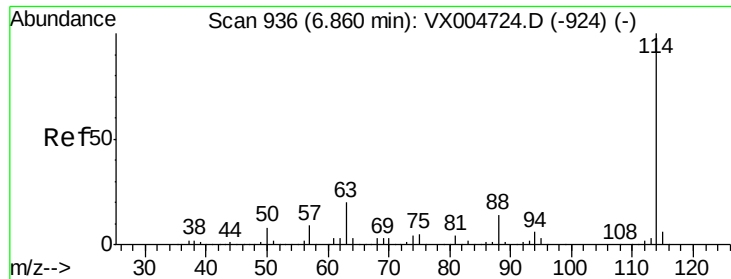
67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

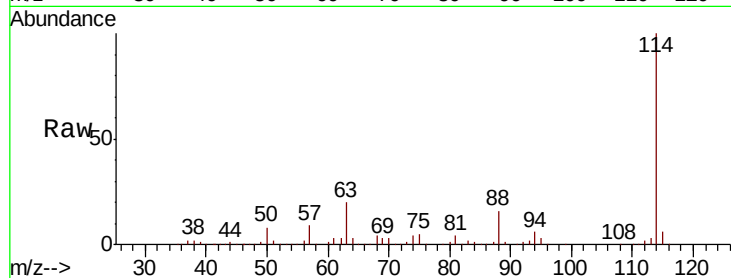




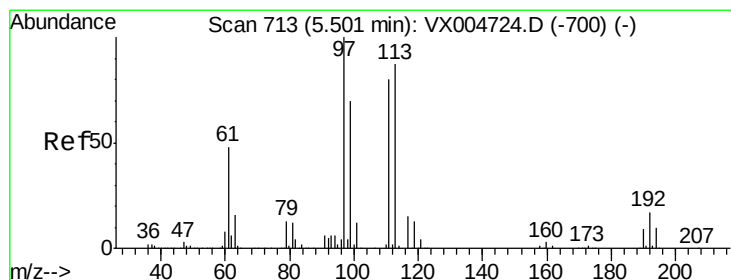
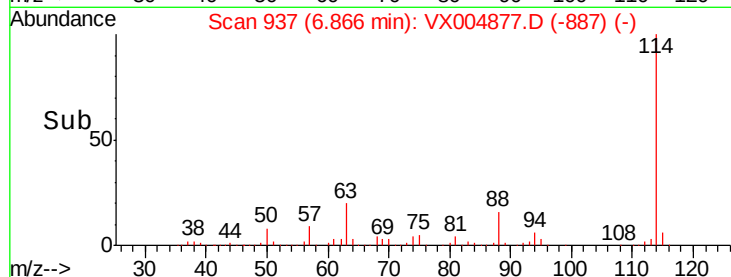
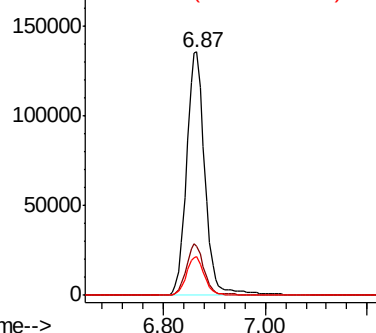
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004877.D
Acq: 01 Oct 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-2327

Tot Ion:114 Resp: 341008
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.0
88 15.9 0.0 30.4

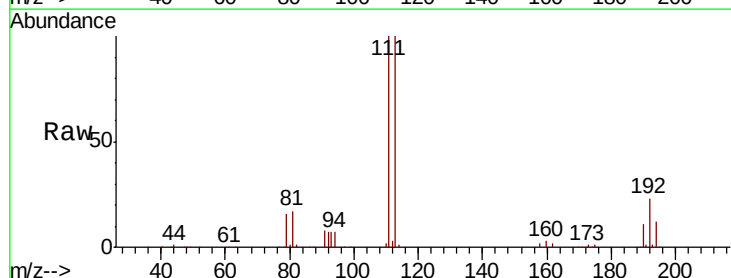


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

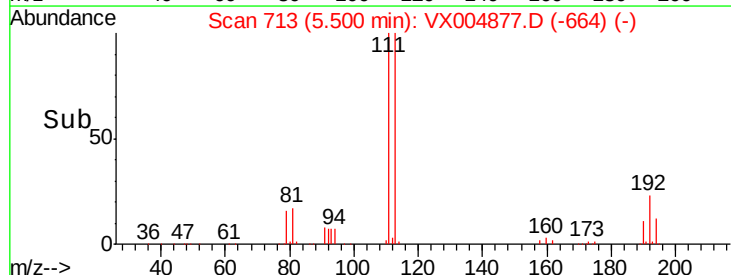
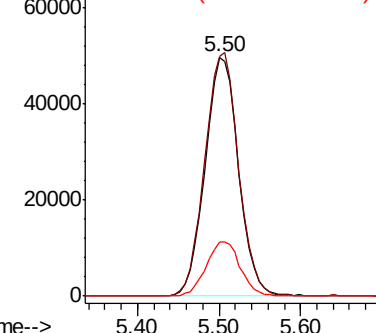


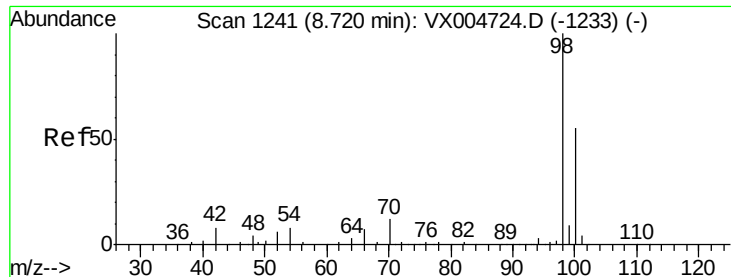
#35
Dibromofluoromethane
Concen: 48.749 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004877.D
Acq: 01 Oct 2018 18:09

Tgt Ion:113 Resp: 140889
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 23.3 19.4 29.2



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

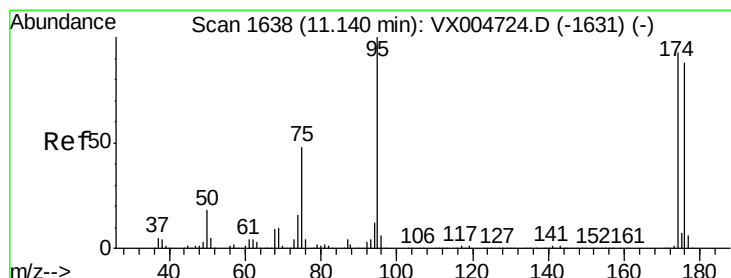
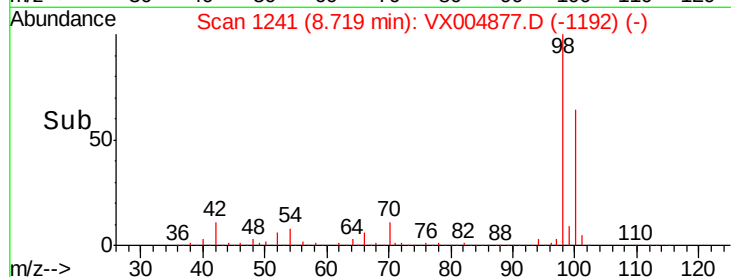
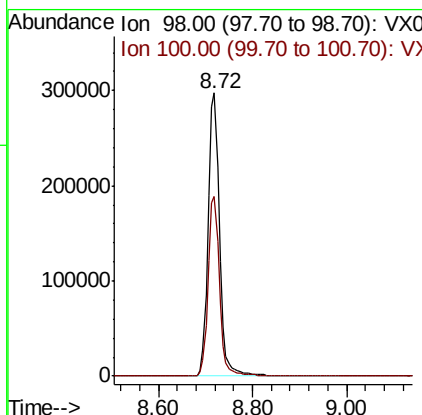
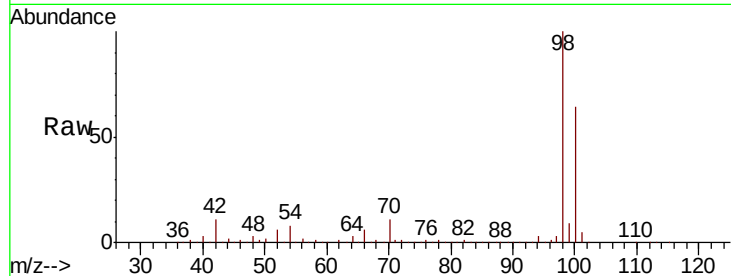




#50
Toluene-d8
Concen: 52.227 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004877.D
Acq: 01 Oct 2018 18:09

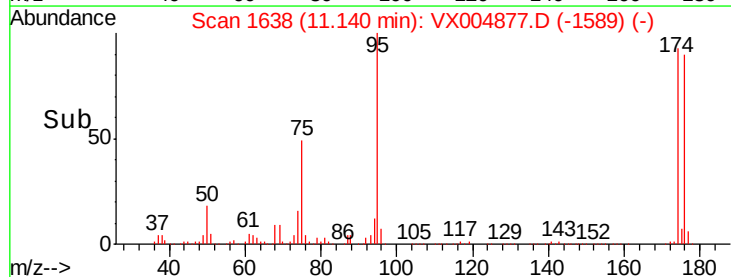
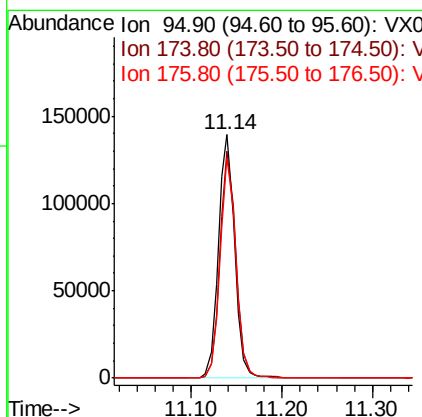
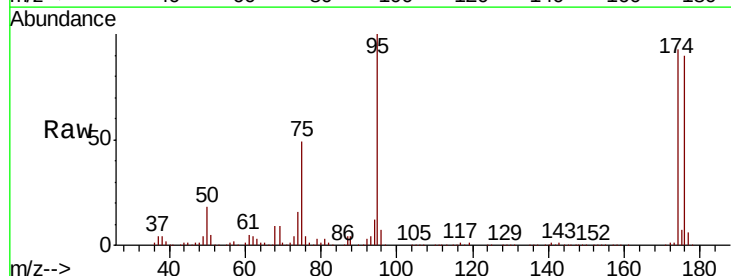
Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-2327

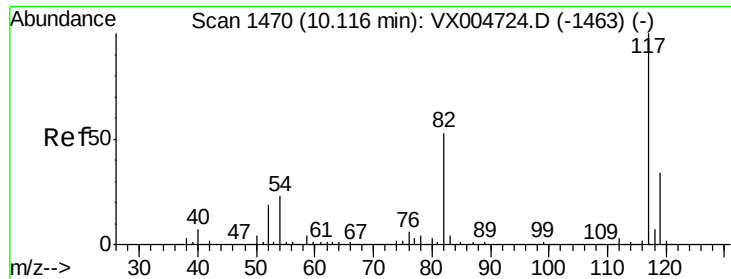
Tot Ion: 98 Resp: 501799
Ion Ratio Lower Upper
98 100
100 63.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 50.490 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004877.D
Acq: 01 Oct 2018 18:09

Tgt Ion: 95 Resp: 174765
Ion Ratio Lower Upper
95 100
174 92.1 0.0 185.2
176 88.1 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004877.D

Acq: 01 Oct 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-2327

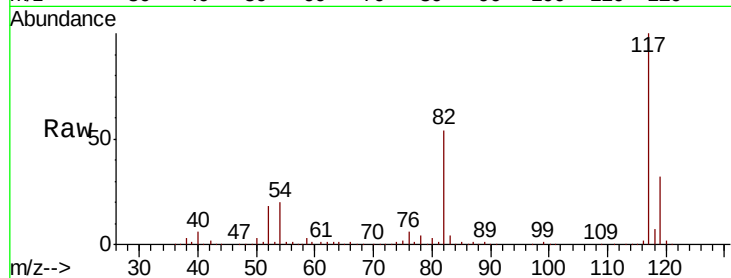
Tot Ion:117 Resp: 334666

Ion Ratio Lower Upper

117 100

82 54.0 47.8 71.6

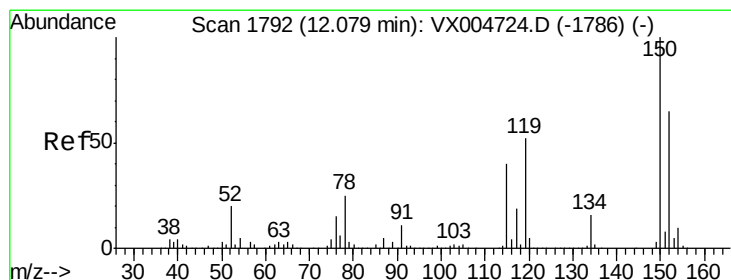
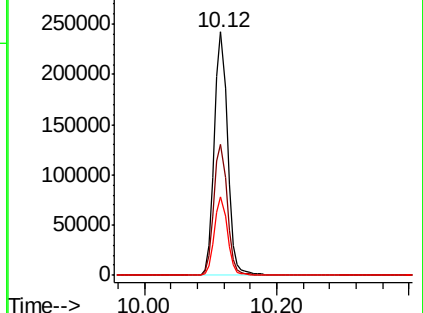
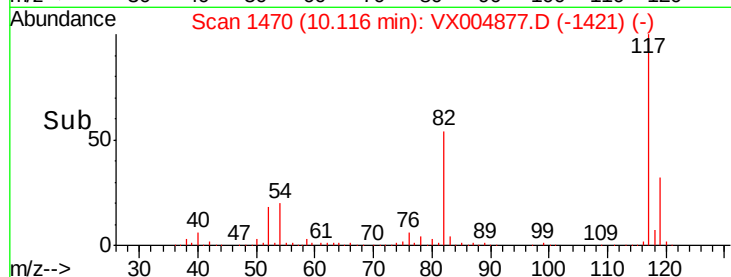
119 32.4 29.3 43.9



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: VX004877.D

Acq: 01 Oct 2018 18:09

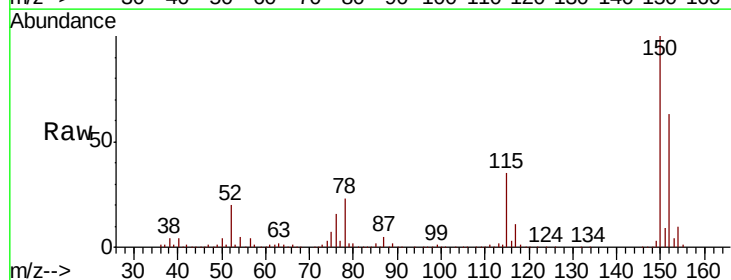
Tgt Ion:152 Resp: 181026

Ion Ratio Lower Upper

152 100

115 55.4 39.0 117.0

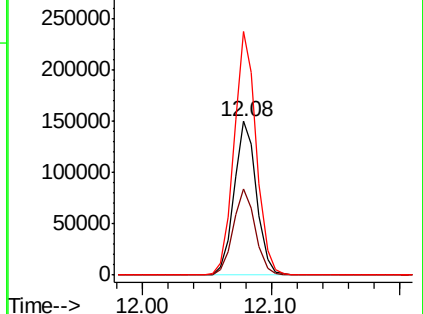
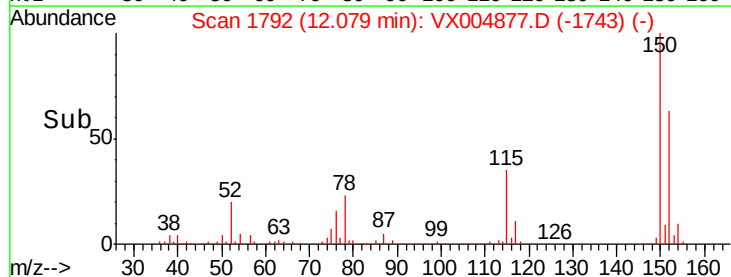
150 157.2 0.0 351.0

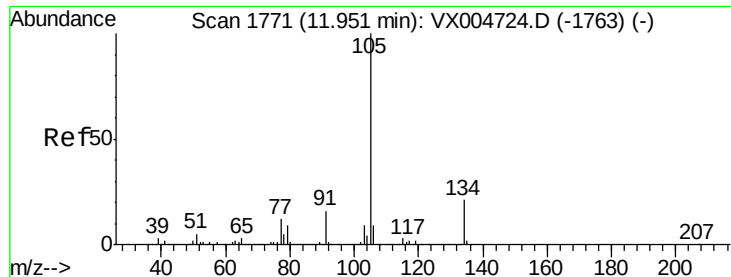


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 0.407 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004877.D

Acq: 01 Oct 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

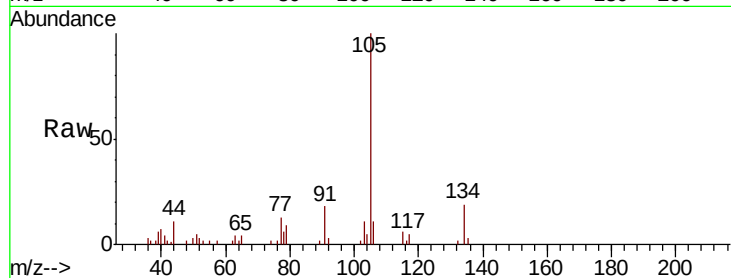
SA-TW508-2327

Tot Ion:105 Resp: 4654

Ion Ratio Lower Upper

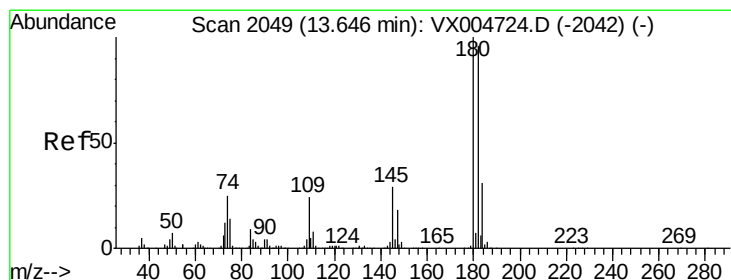
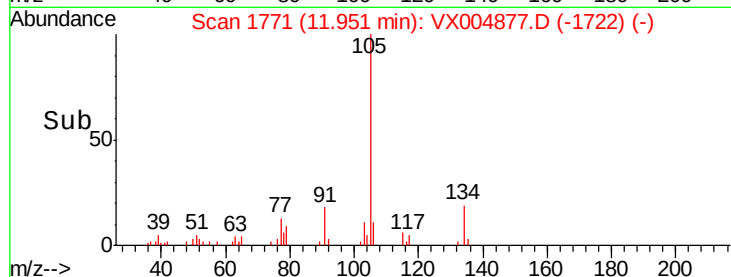
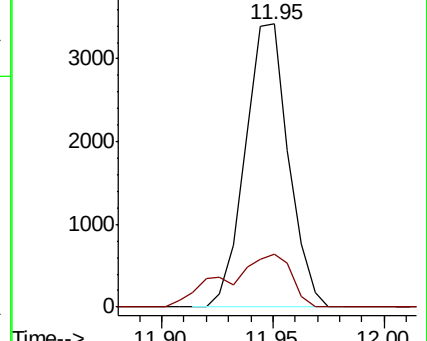
105 100

134 28.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 0.856 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004877.D

Acq: 01 Oct 2018 18:09

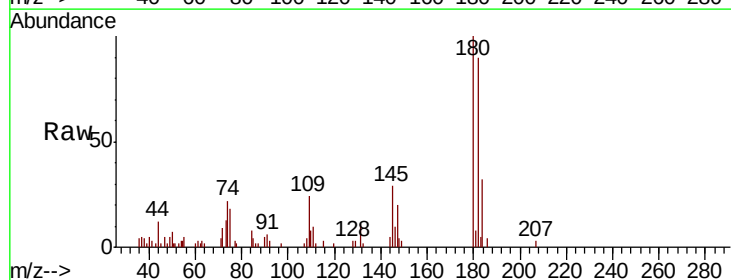
Tgt Ion:180 Resp: 3882

Ion Ratio Lower Upper

180 100

182 99.6 48.4 145.0

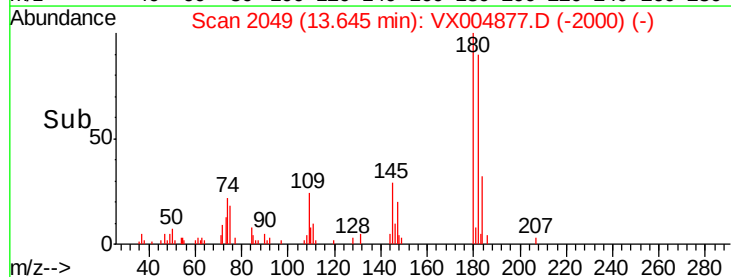
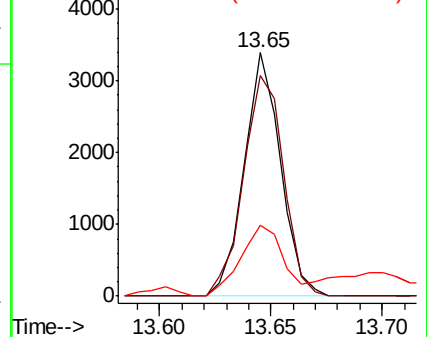
145 35.7 14.3 42.9

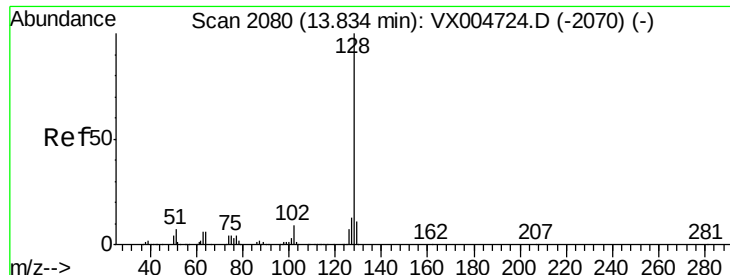


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95
Naphthalene
Concen: 0.888 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004877.D
Acq: 01 Oct 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :
SA-TW508-2327

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.2	15.2#
129	20.1	8.6	12.8#

