

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003177.D
 Acq On : 05 Jul 2018 17:26
 Operator : JC/MD
 Sample : J3842-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0151

Quant Time: Jul 06 01:11:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187293	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	167258	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
35) Dibromofluoromethane	5.51	113	139644	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	8.72	98	504357	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.14	95	178537	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	

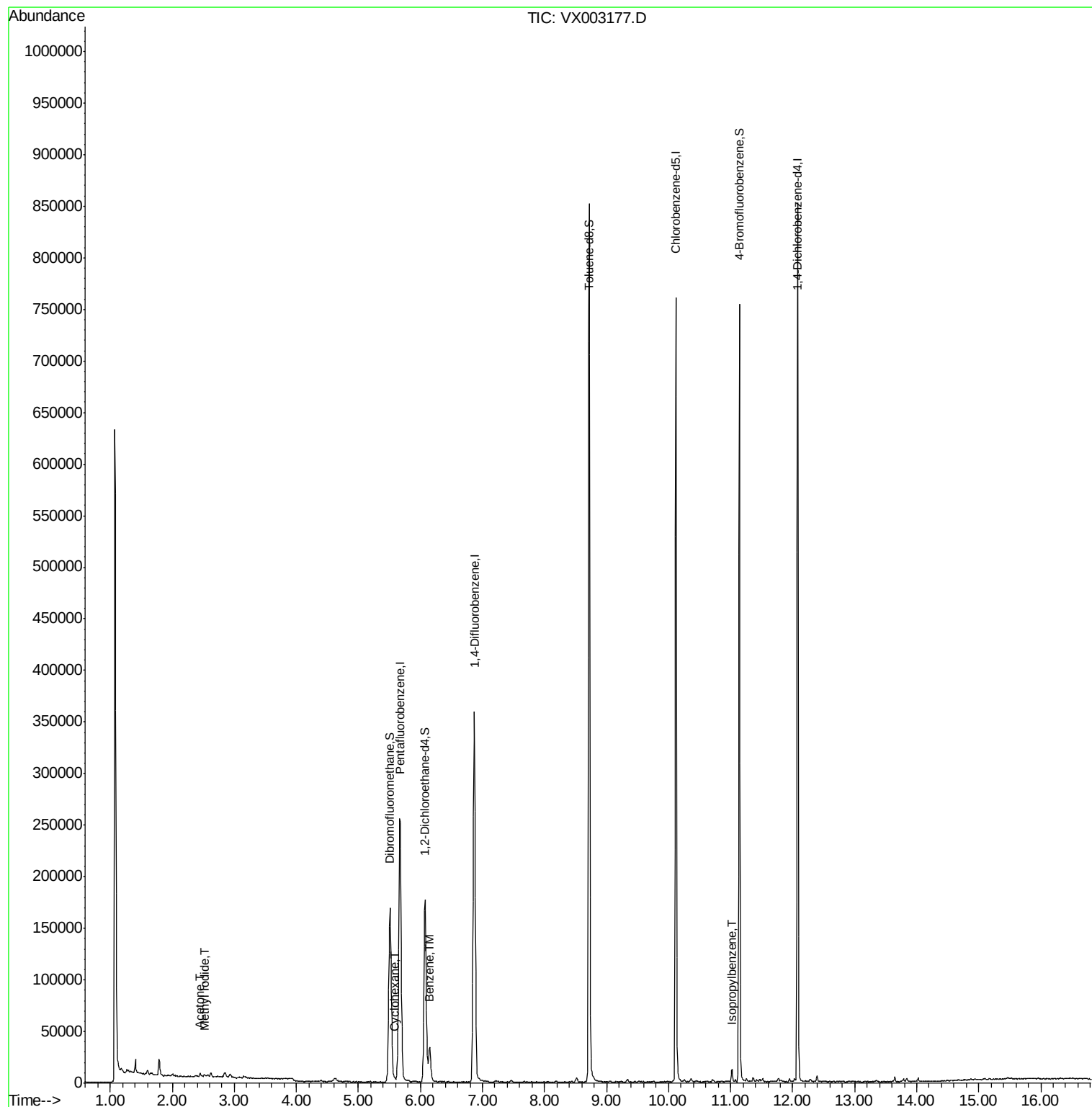
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2992	7.11	ug/l #	92
16) Acetone	2.45	43	3513	2.33	ug/l	96
31) Cyclohexane	5.58	56	2195	0.48	ug/l #	82
40) Benzene	6.15	78	37959	3.26	ug/l	99
73) Isopropylbenzene	11.02	105	5972	0.47	ug/l	93

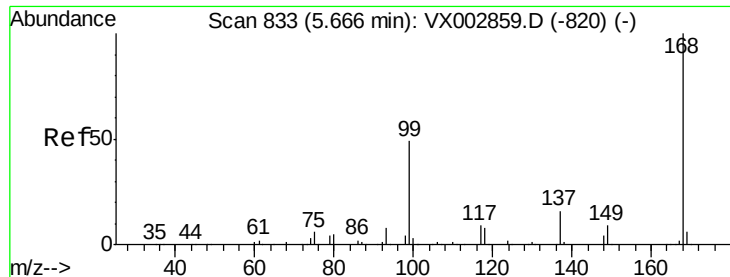
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003177.D

Acq: 05 Jul 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

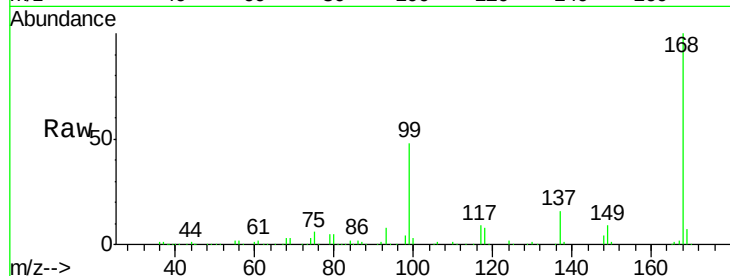
S10-0151

Tot Ion:168 Resp: 263888

Ion Ratio Lower Upper

168 100

99 48.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

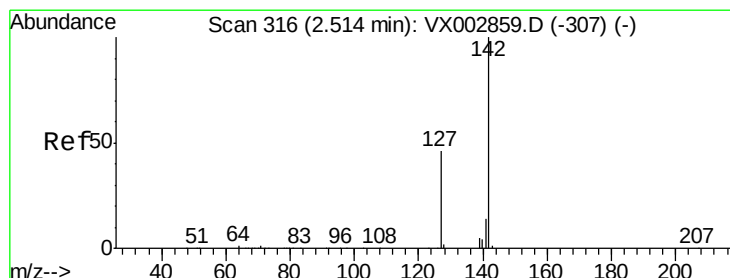
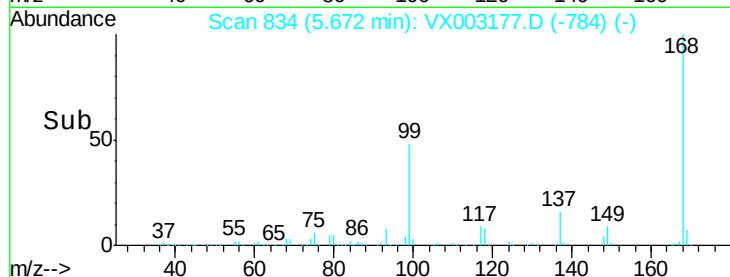
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 7.11 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003177.D

Acq: 05 Jul 2018 17:26

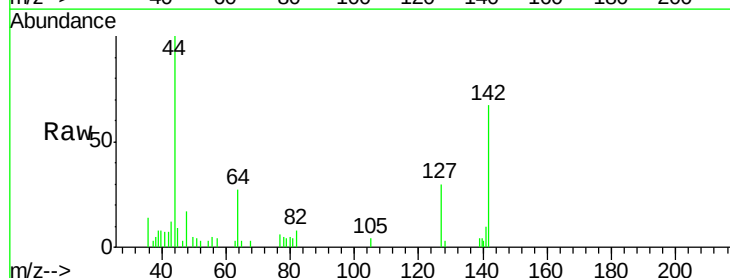
Tgt Ion:142 Resp: 2992

Ion Ratio Lower Upper

142 100

127 51.0 36.6 55.0

141 17.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

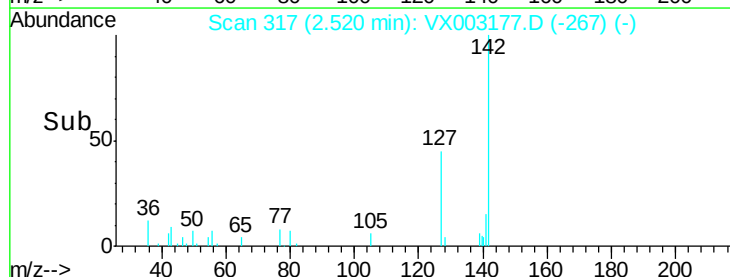
1500

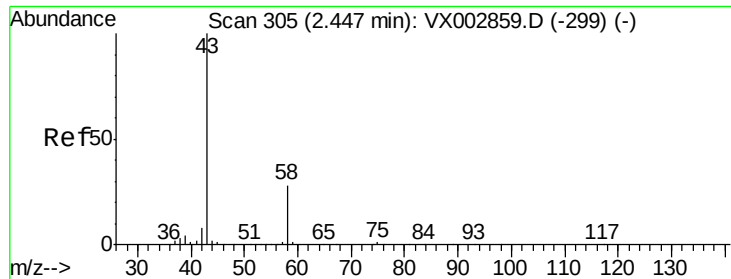
1000

500

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 2.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003177.D

Acq: 05 Jul 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

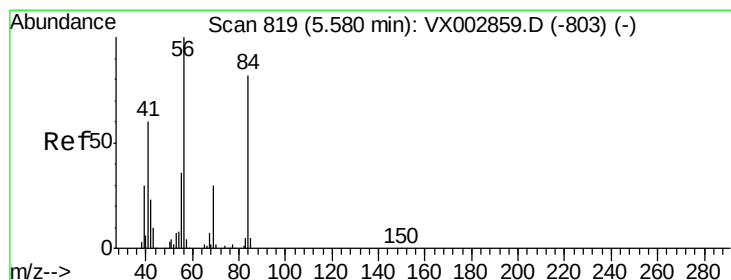
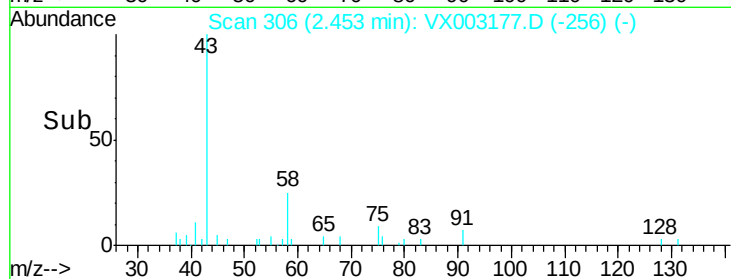
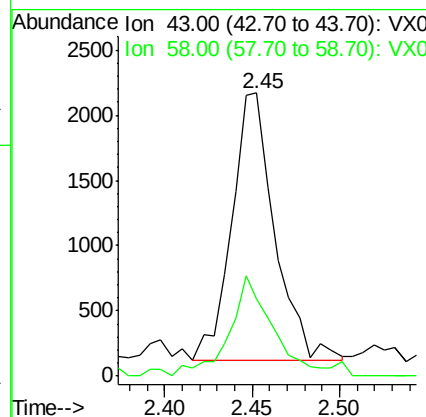
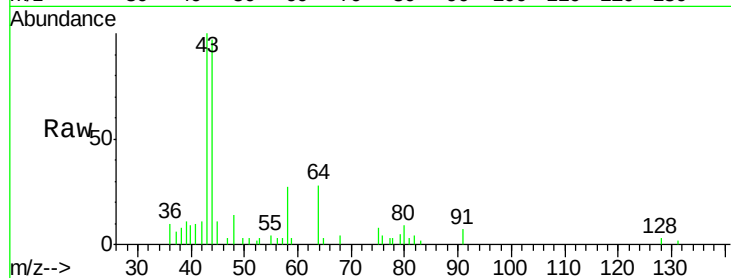
S10-0151

Tot Ion: 43 Resp: 3513

Ion Ratio Lower Upper

43 100

58 25.6 22.1 33.1



#31

Cyclohexane

Concen: 0.48 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003177.D

Acq: 05 Jul 2018 17:26

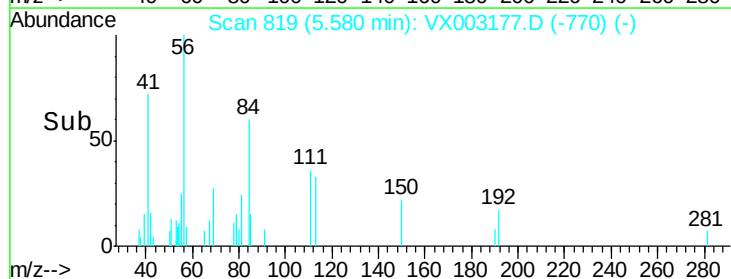
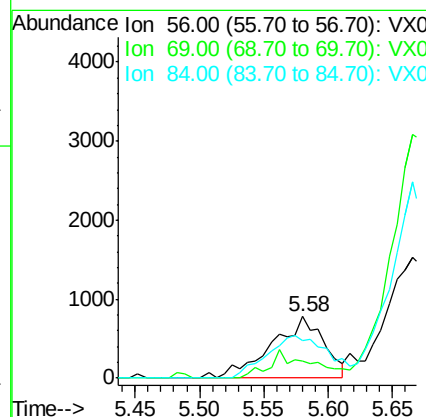
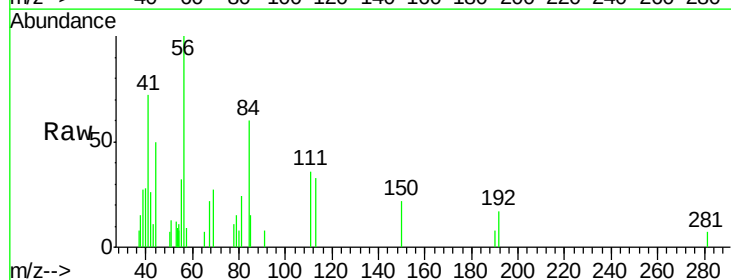
Tgt Ion: 56 Resp: 2195

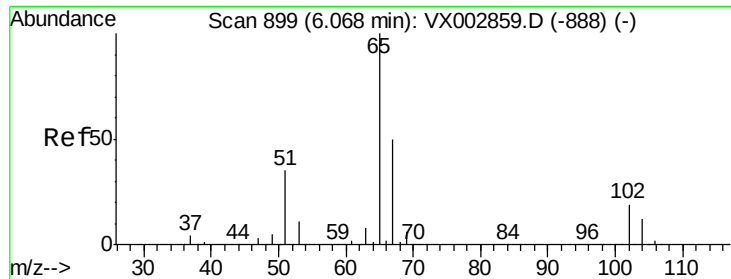
Ion Ratio Lower Upper

56 100

69 27.0 23.7 35.5

84 60.2 64.1 96.1#

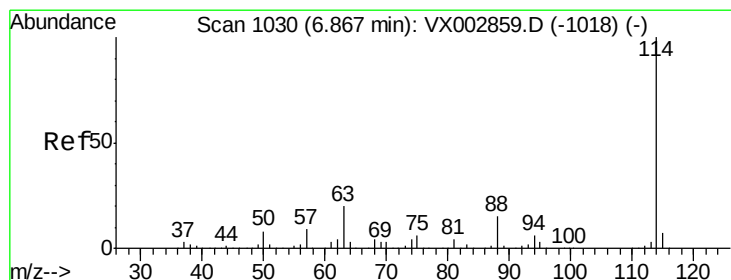
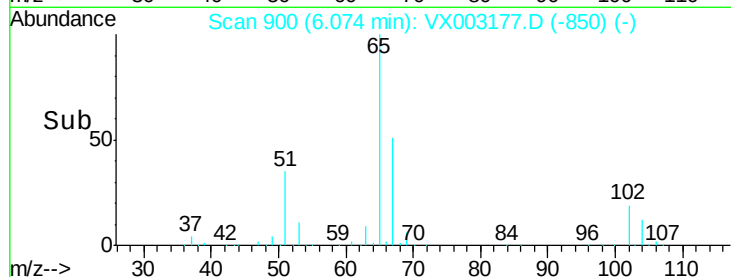
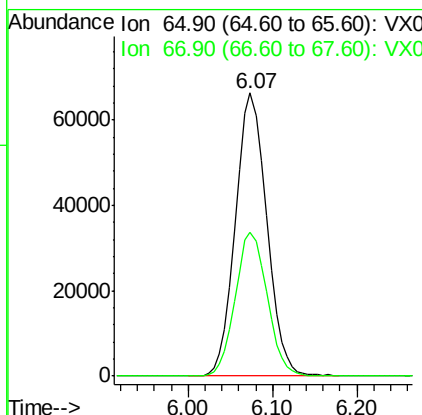
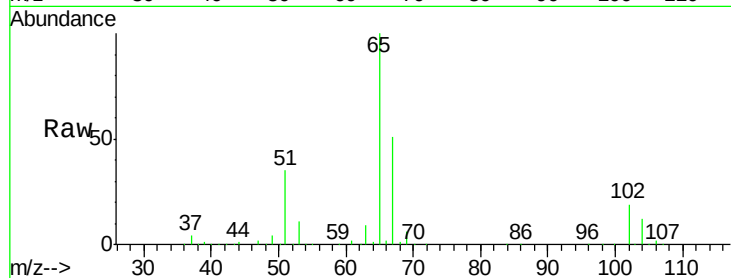




#33
 1,2-Dichloroethane-d4
 Concen: 45.86 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003177.D
 Acq: 05 Jul 2018 17:26

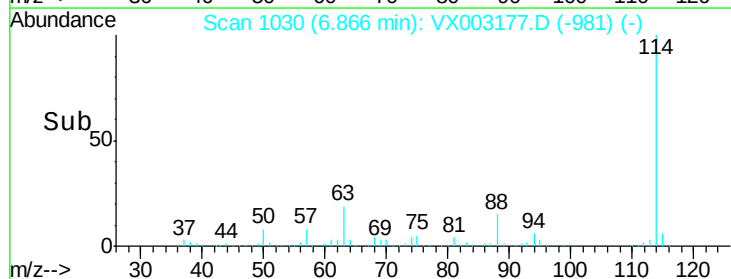
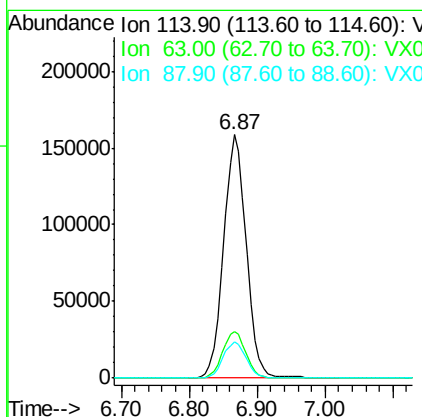
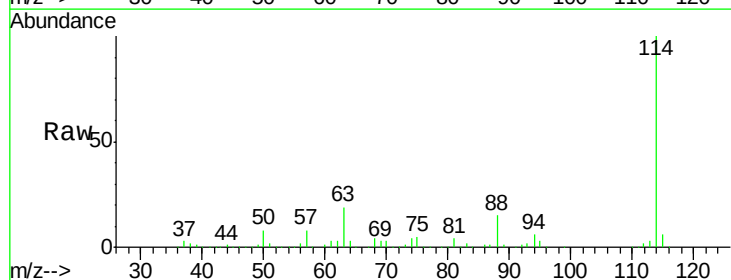
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0151

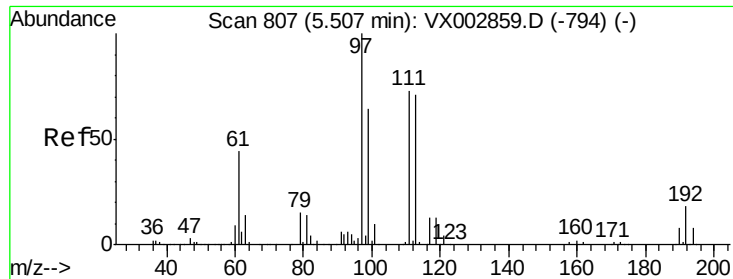
Tot Ion: 65 Resp: 167258
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003177.D
 Acq: 05 Jul 2018 17:26

Tgt Ion: 114 Resp: 365755
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 14.9 0.0 30.0

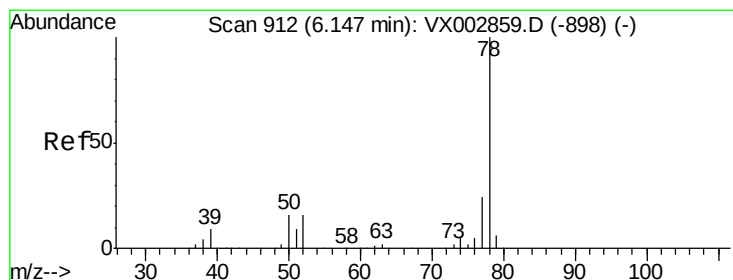
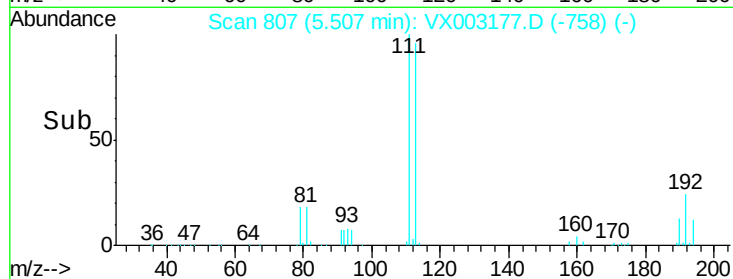
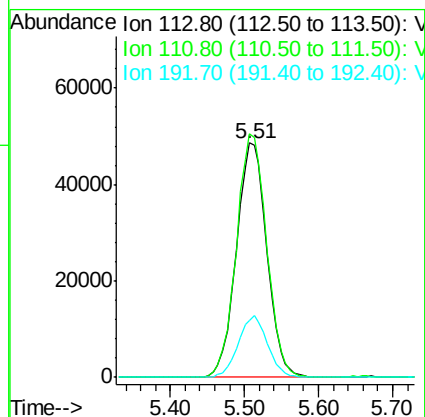
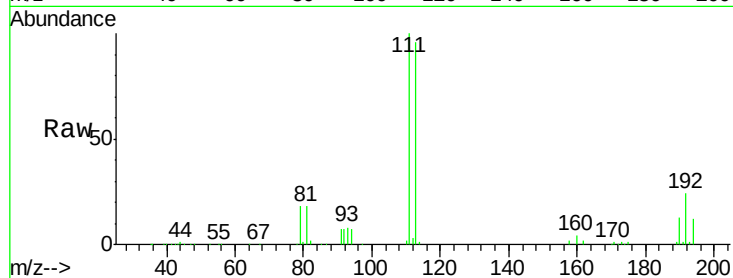




#35
 Dibromofluoromethane
 Concen: 48.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003177.D
 Acq: 05 Jul 2018 17:26

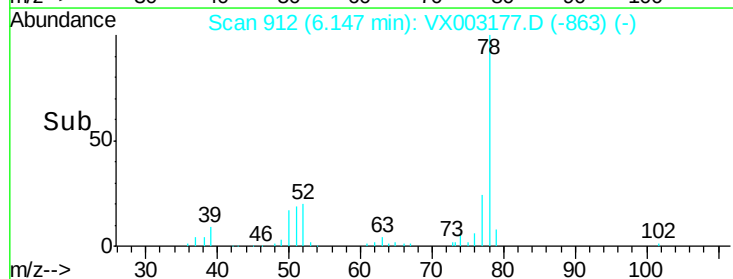
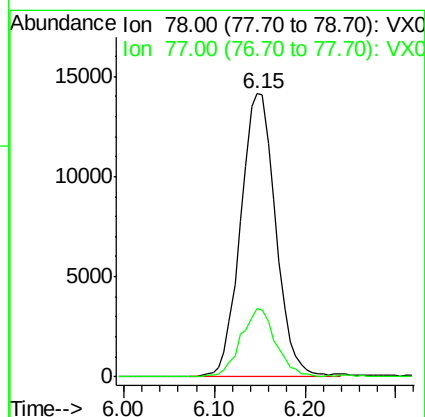
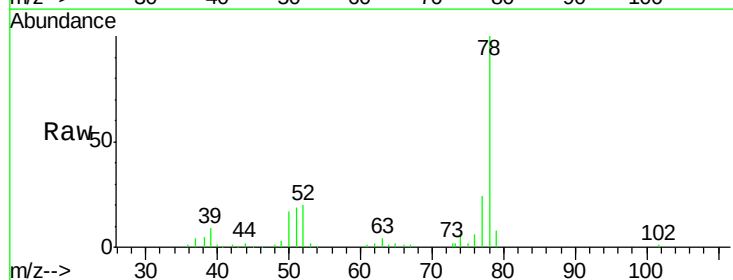
Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0151

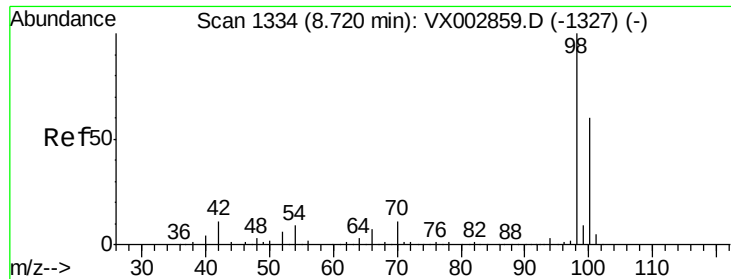
Tot Ion:113 Resp: 139644
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.0
 192 25.3 19.1 28.7



#40
 Benzene
 Concen: 3.26 ug/l
 RT: 6.15 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: VX003177.D
 Acq: 05 Jul 2018 17:26

Tgt Ion: 78 Resp: 37959
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.1 28.7

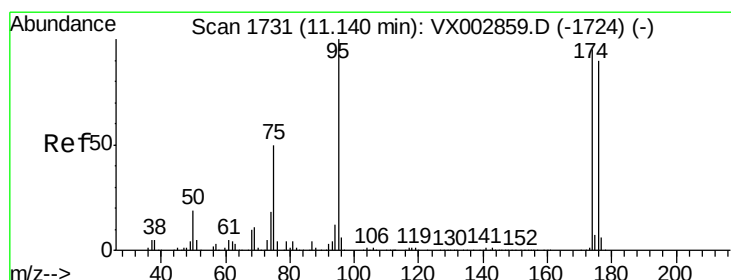
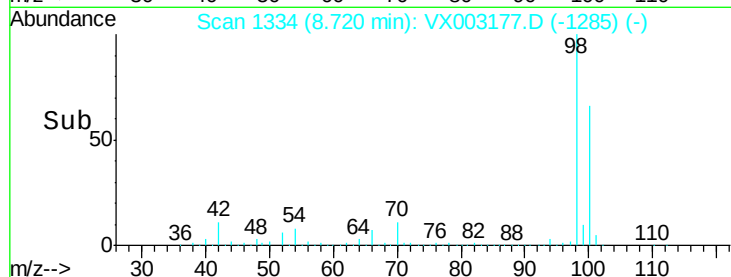
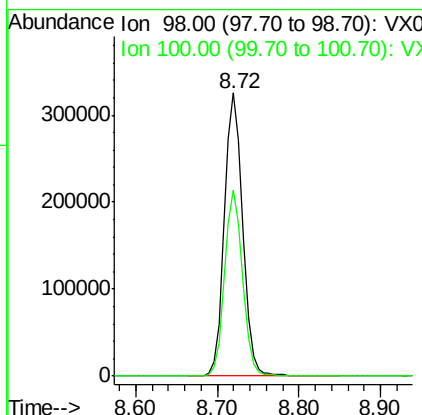
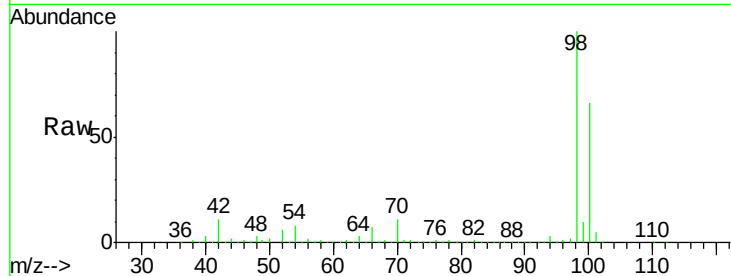




#50
Toluene-d8
Concen: 47.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

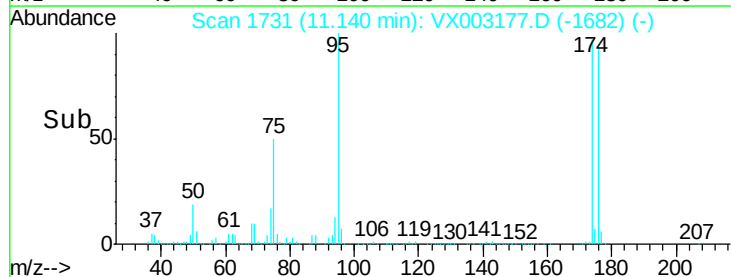
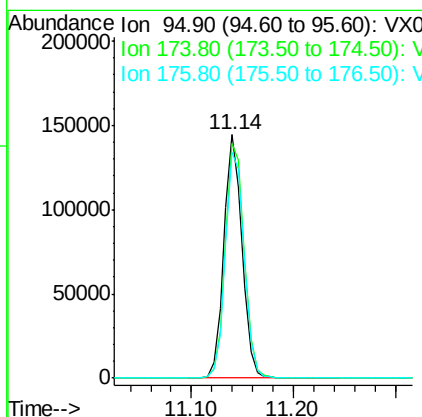
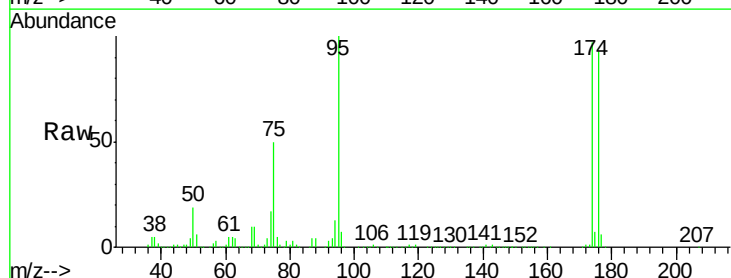
Instrument :
MSVOA_X
ClientSampleId :
S10-0151

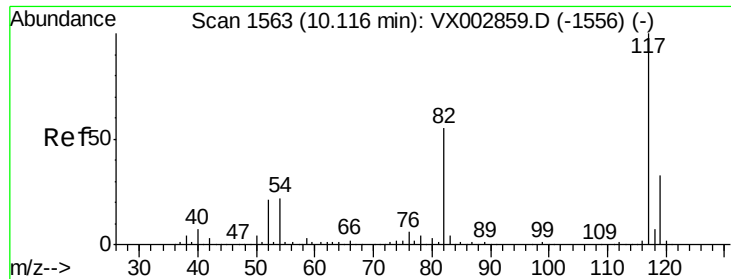
Tot Ion: 98 Resp: 504357
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003177.D
Acq: 05 Jul 2018 17:26

Tgt Ion: 95 Resp: 178537
Ion Ratio Lower Upper
95 100
174 100.1 0.0 187.4
176 95.9 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003177.D

Acq: 05 Jul 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

S10-0151

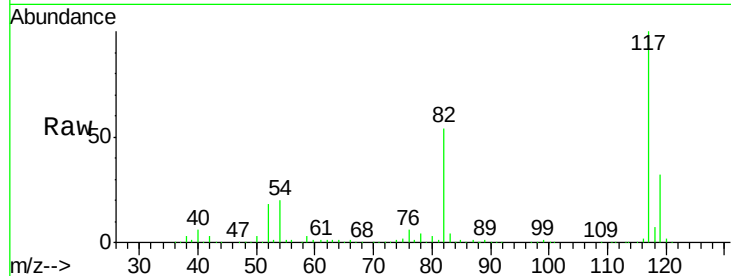
Tot Ion:117 Resp: 348785

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

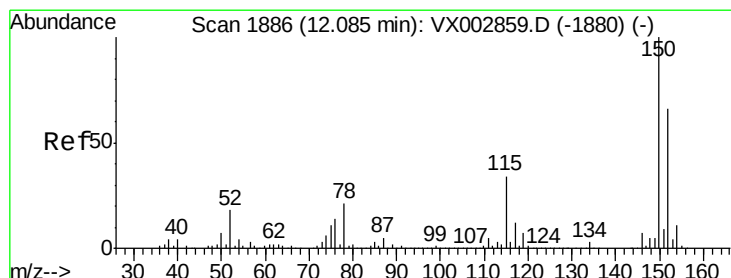
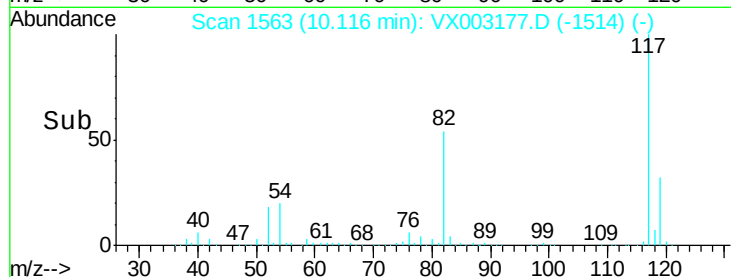
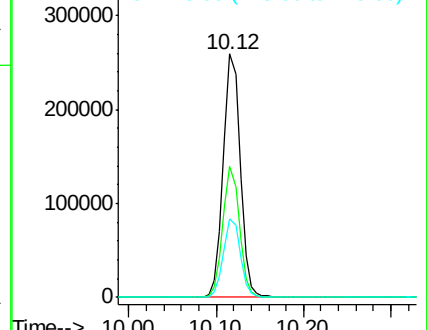
119 32.3 25.8 38.6



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003177.D

Acq: 05 Jul 2018 17:26

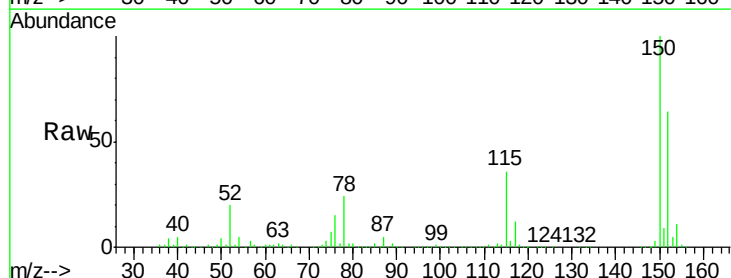
Tgt Ion:152 Resp: 187293

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

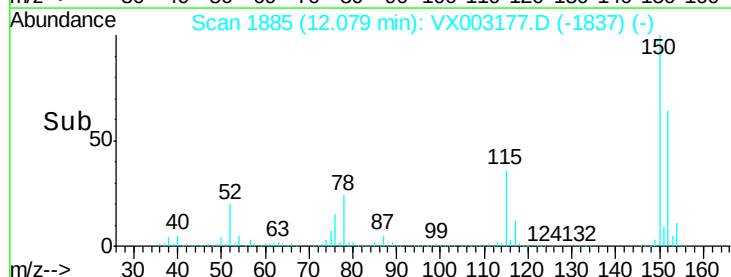
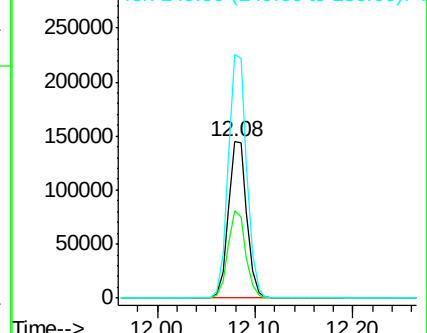
150 156.4 0.0 347.2

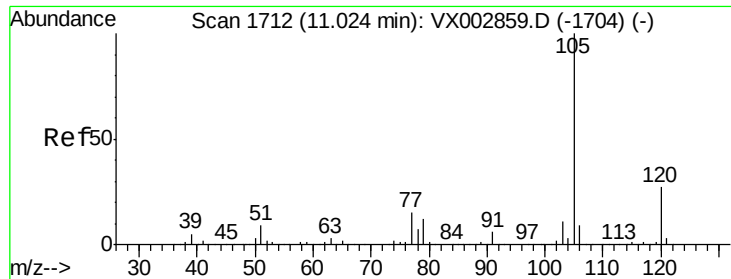


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.47 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003177.D

Acq: 05 Jul 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

S10-0151

Tot Ion:105 Resp: 5972

Ion Ratio Lower Upper

105 100

120 30.8 13.5 40.4

