

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002686.D
 Acq On : 18 Jun 2018 18:21
 Operator : JC/MD
 Sample : J3559-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2-AVE-14

Quant Time: Jun 19 10:50:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	41613	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	229444	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	205950	30.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane-d4		6.07	65	97547	30.70	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.33%	
60) 4-Bromofluorobenzene		11.14	95	92600	27.22	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.73%	
63) Toluene-d8		8.72	98	270236	30.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.13%	

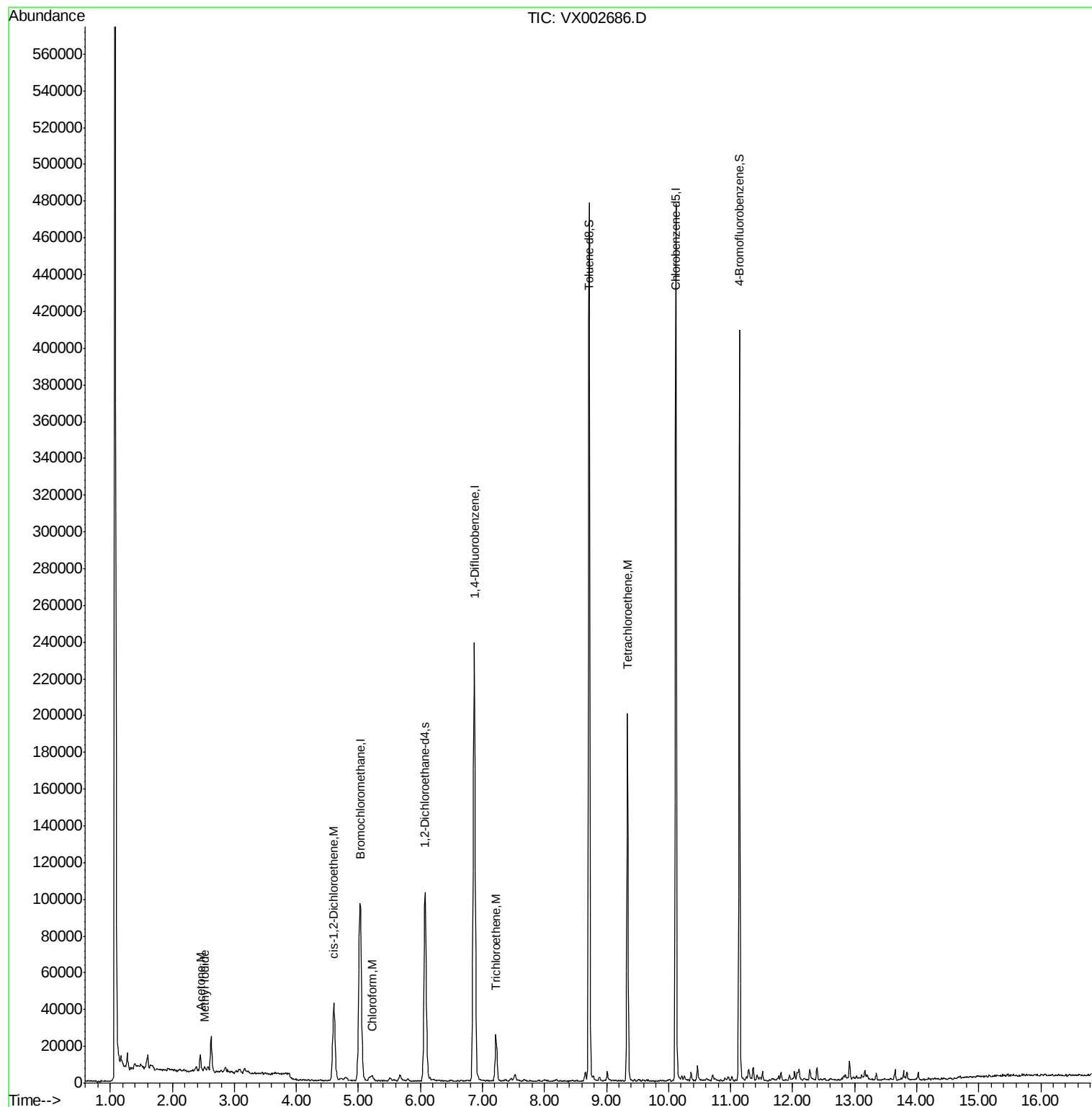
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) Methyl Iodide	2.52	142	3221	1.30	ug/l	96
15) Acetone	2.45	58	2720	7.45	ug/l	96
22) cis-1,2-Dichloroethene	4.60	96	24991	10.08	ug/l #	73
25) Chloroform	5.22	83	2547	0.59	ug/l #	78
37) Trichloroethene	7.21	130	9371	3.49	ug/l	95
61) Tetrachloroethene	9.34	164	39647	14.03	ug/l	97

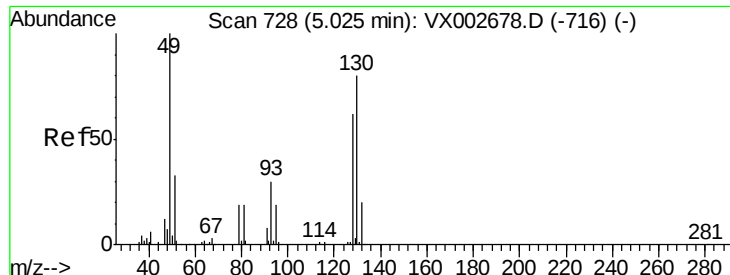
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2-AVE-14

Quant Time: Jun 19 10:50:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002686.D

Acq: 18 Jun 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

2-AVE-14

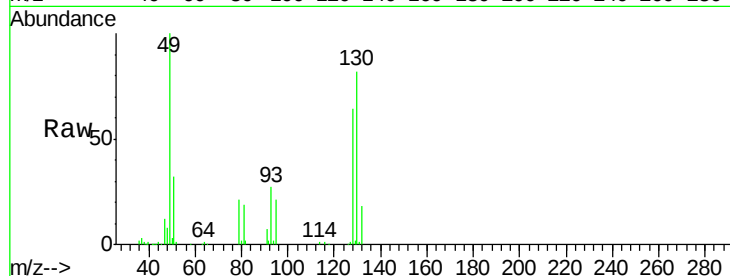
Tot Ion:128 Resp: 41613

Ion Ratio Lower Upper

128 100

49 156.7 0.0 423.0

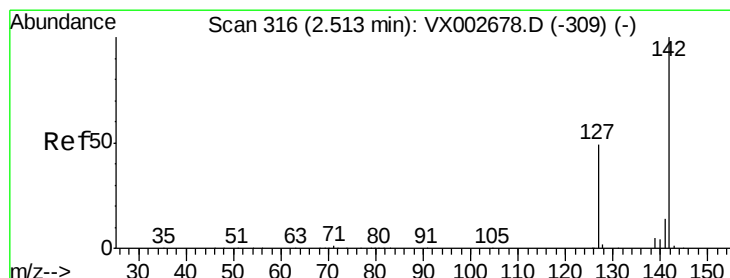
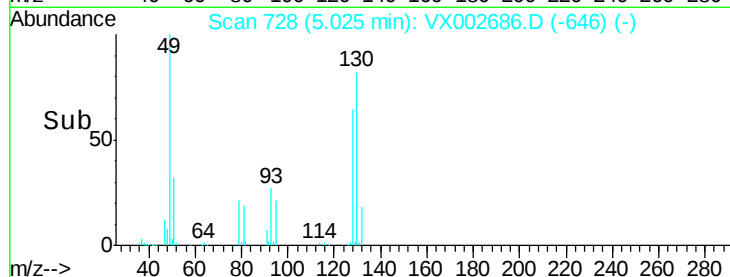
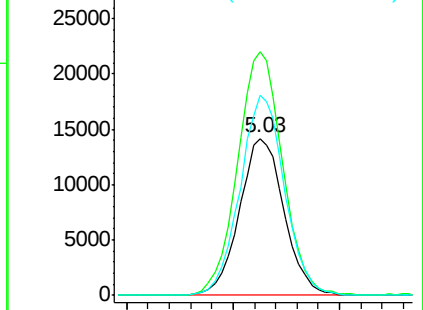
130 127.1 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#11

Methyl Iodide

Concen: 1.30 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002686.D

Acq: 18 Jun 2018 18:21

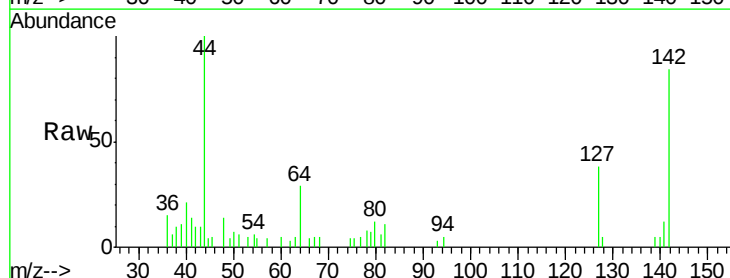
Tgt Ion:142 Resp: 3221

Ion Ratio Lower Upper

142 100

127 43.2 23.2 69.6

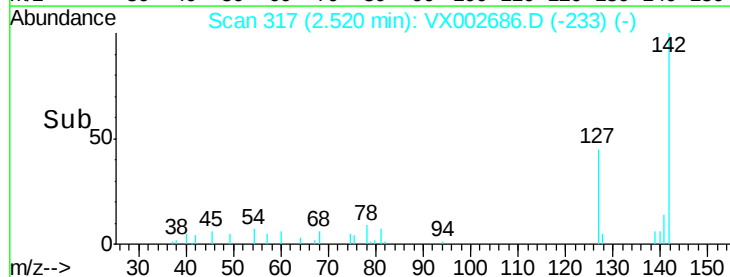
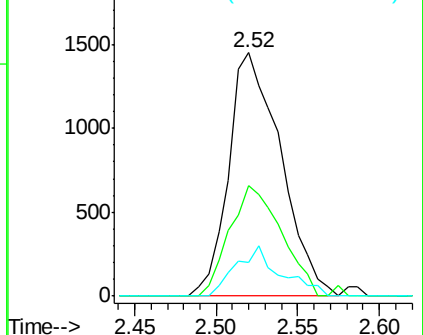
141 13.9 7.4 22.2

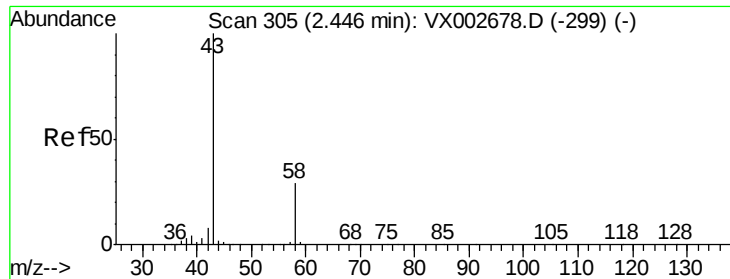


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#15

Acetone

Concen: 7.45 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX002686.D

Acq: 18 Jun 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

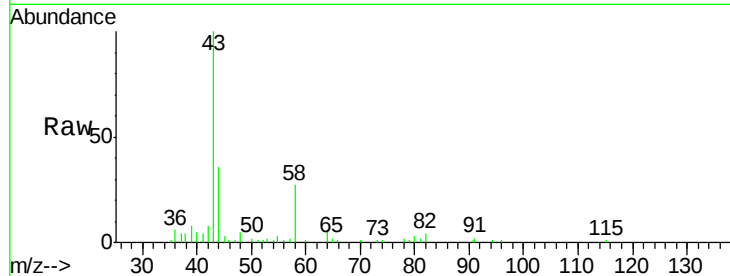
2-AVE-14

Tot Ion: 58 Resp: 2720

Ion Ratio Lower Upper

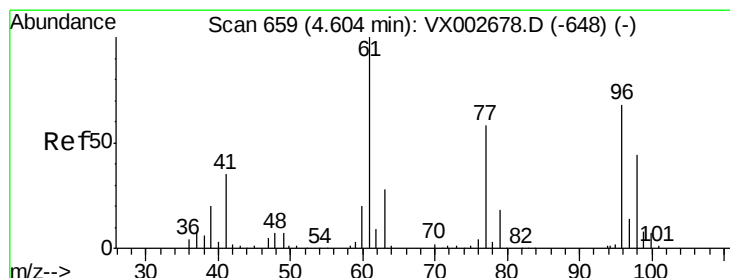
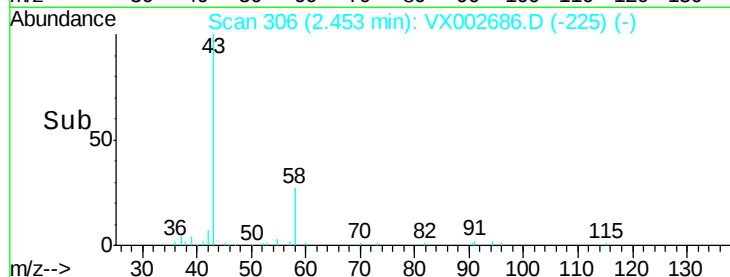
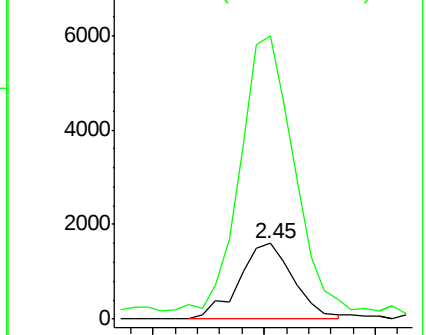
58 100

43 356.2 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 10.08 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002686.D

Acq: 18 Jun 2018 18:21

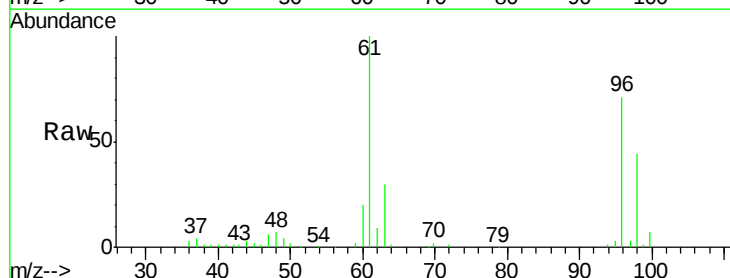
Tgt Ion: 96 Resp: 24991

Ion Ratio Lower Upper

96 100

61 147.2 160.2 240.2#

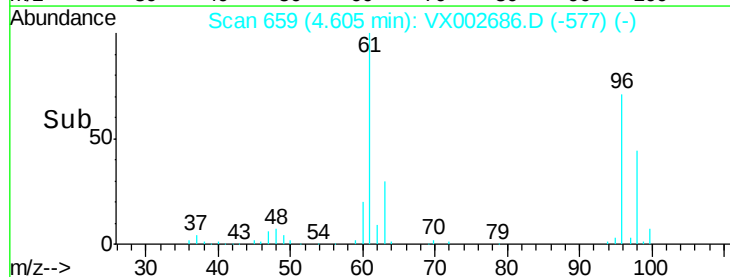
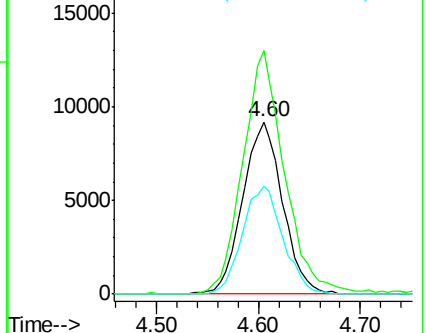
98 63.4 54.1 81.1

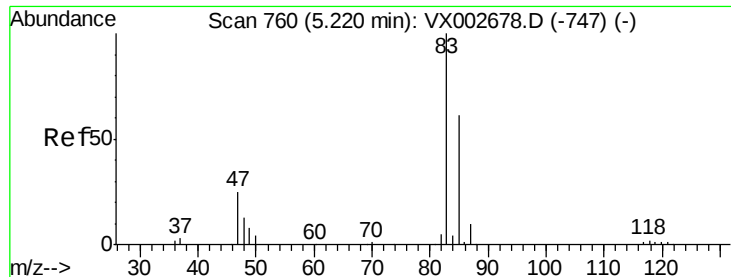


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

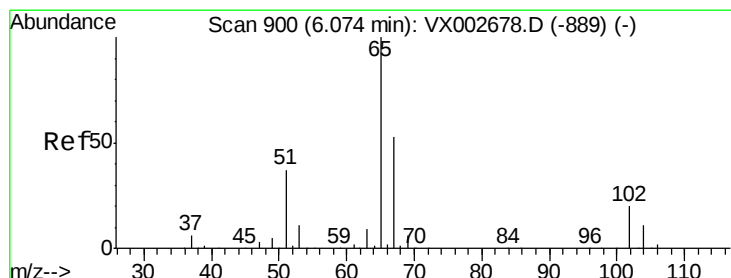
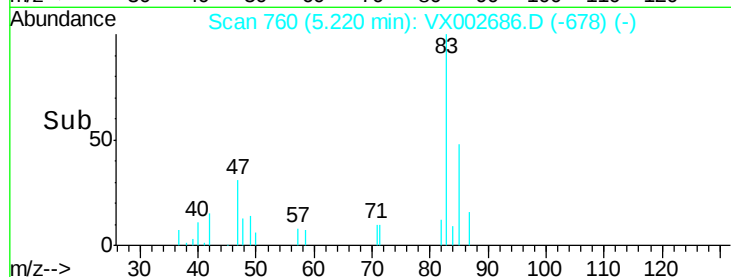
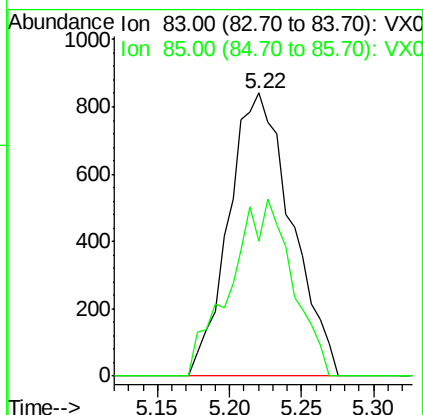
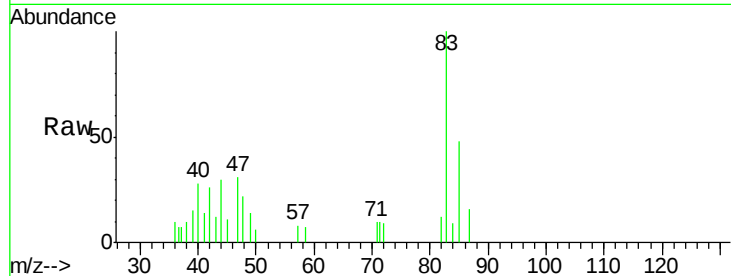




#25
Chloroform
Concen: 0.59 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002686.D
Acq: 18 Jun 2018 18:21

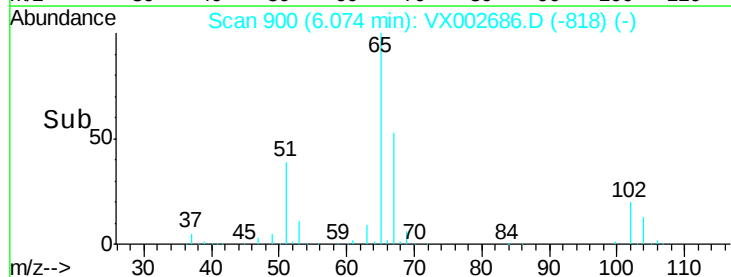
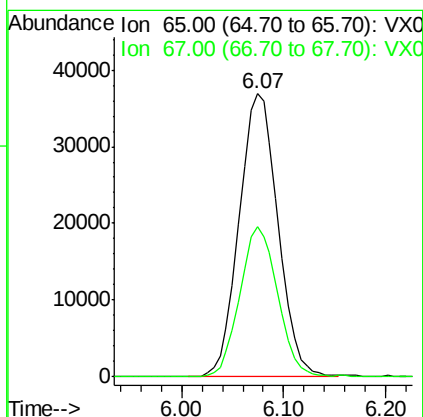
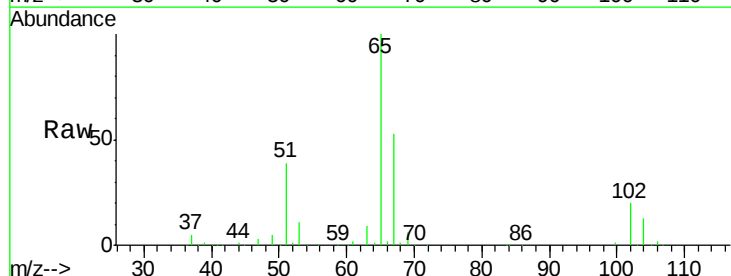
Instrument :
MSVOA_X
ClientSampleId :
2-AVE-14

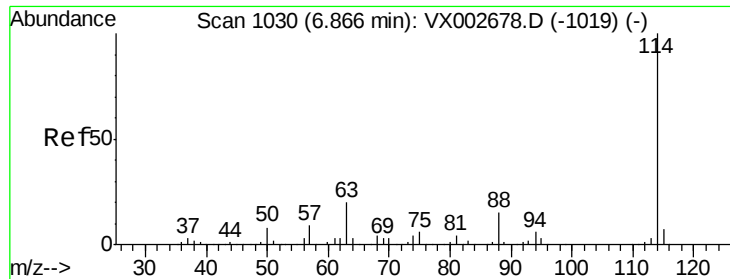
Tot Ion: 83 Resp: 2547
Ion Ratio Lower Upper
83 100
85 47.7 51.9 77.9#



#27
1,2-Dichloroethane-d4
Concen: 30.70 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002686.D
Acq: 18 Jun 2018 18:21

Tgt Ion: 65 Resp: 97547
Ion Ratio Lower Upper
65 100
67 51.8 40.9 61.3

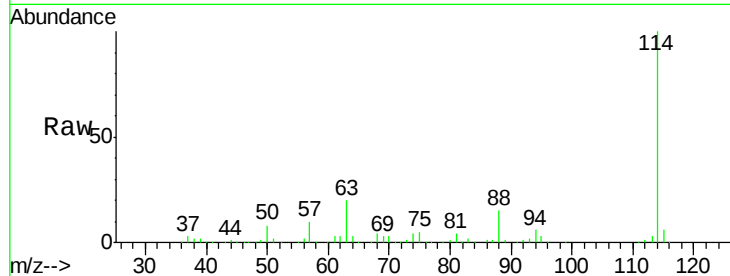




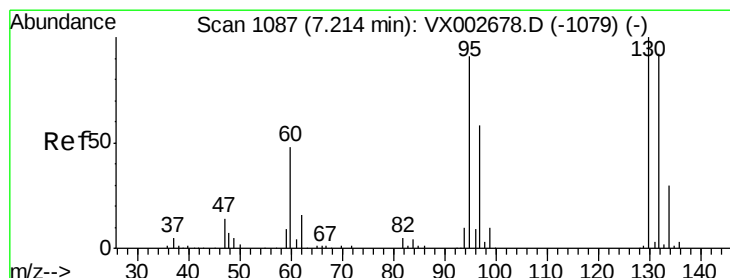
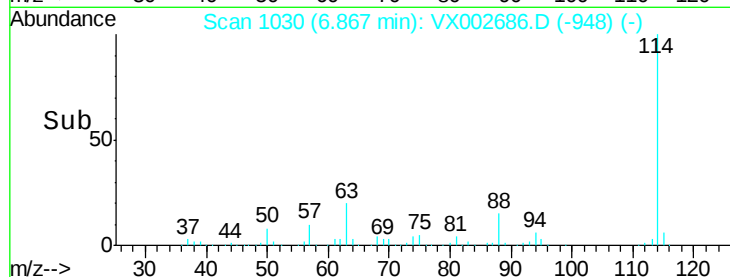
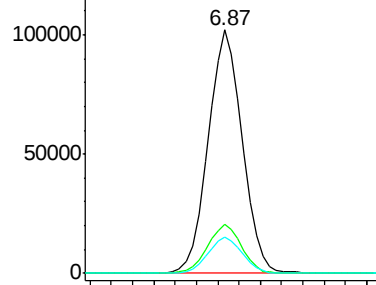
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002686.D
 Acq: 18 Jun 2018 18:21

Instrument :
 MSVOA_X
 ClientSampled :
 2-AVE-14

Tot Ion:114 Resp: 229444
 Ion Ratio Lower Upper
 114 100
 63 20.2 17.1 25.7
 88 15.1 12.6 19.0

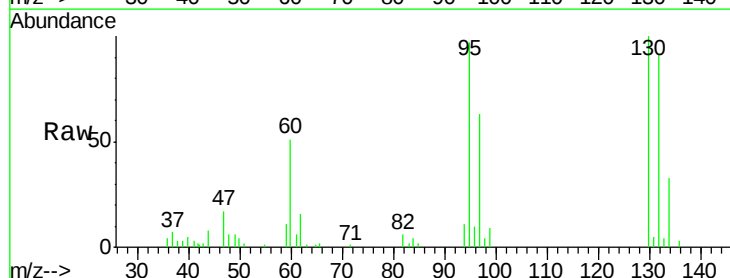


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

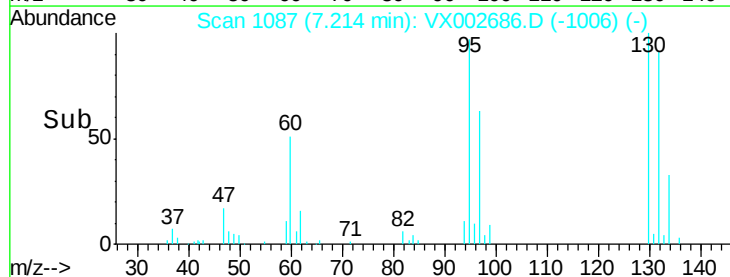
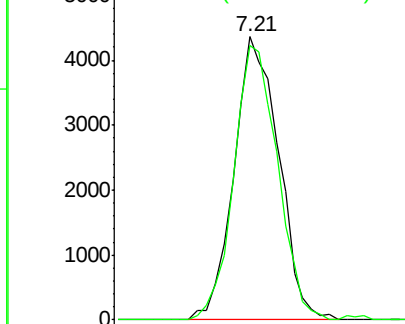


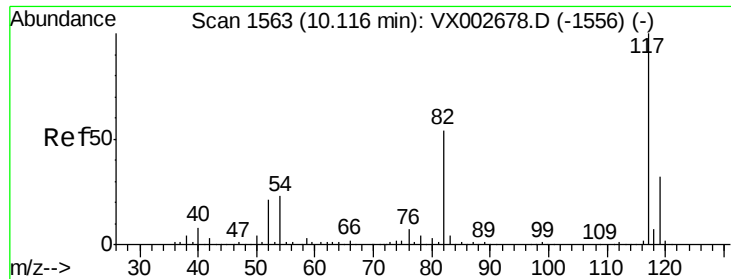
#37
 Trichloroethene
 Concen: 3.49 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002686.D
 Acq: 18 Jun 2018 18:21

Tgt Ion:130 Resp: 9371
 Ion Ratio Lower Upper
 130 100
 95 96.8 81.5 122.3



Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

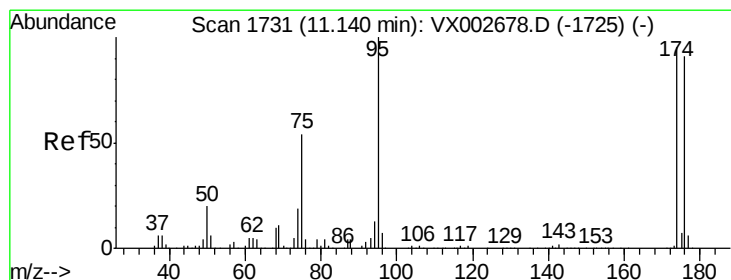
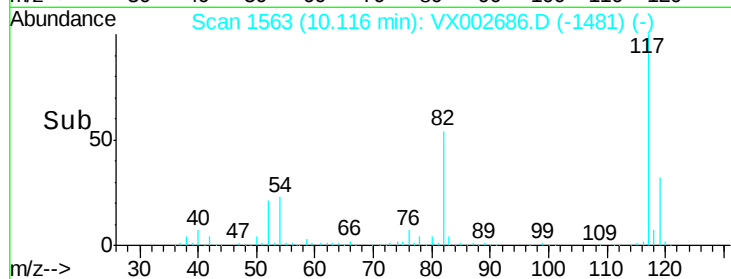
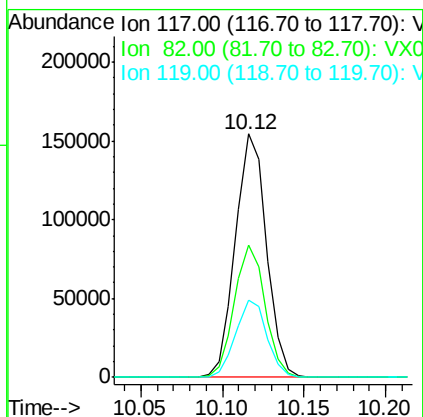
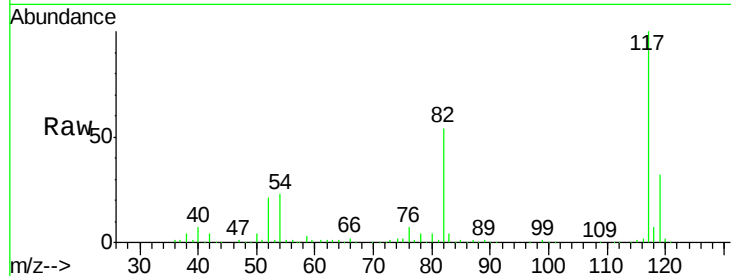




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002686.D
Acq: 18 Jun 2018 18:21

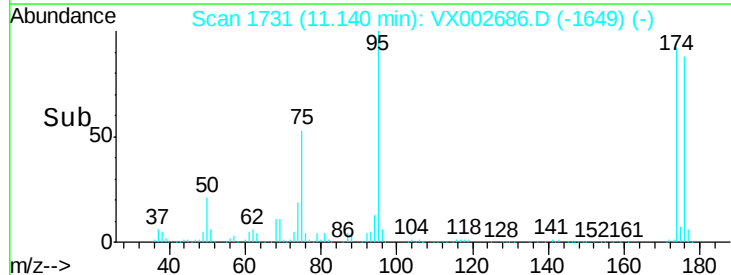
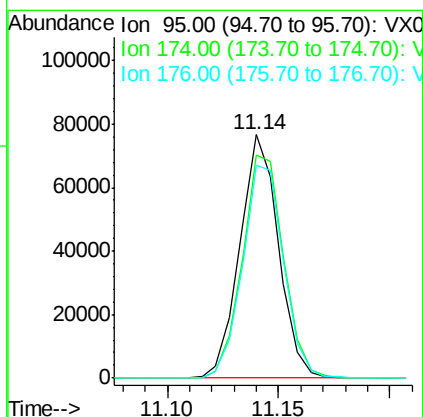
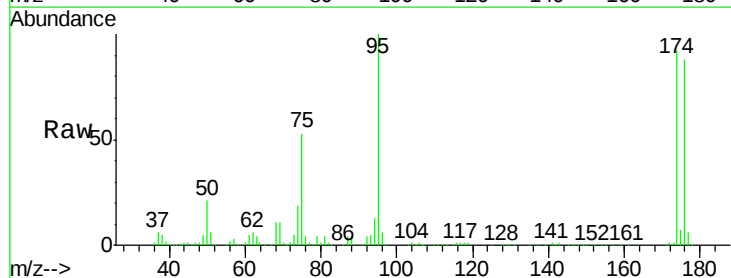
Instrument :
MSVOA_X
ClientSampled :
2-AVE-14

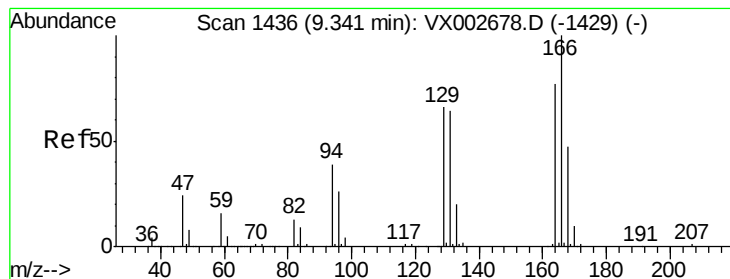
Tot Ion:117 Resp: 205950
Ion Ratio Lower Upper
117 100
82 53.8 44.3 66.5
119 32.0 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 27.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002686.D
Acq: 18 Jun 2018 18:21

Tgt Ion: 95 Resp: 92600
Ion Ratio Lower Upper
95 100
174 98.0 71.8 107.6
176 93.8 70.1 105.1





#61

Tetrachloroethene

Concen: 14.03 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002686.D

Acq: 18 Jun 2018 18:21

Instrument :
MSVOA_X
ClientSampled :
2-AVE-14

Tot Ion:164 Resp: 39647

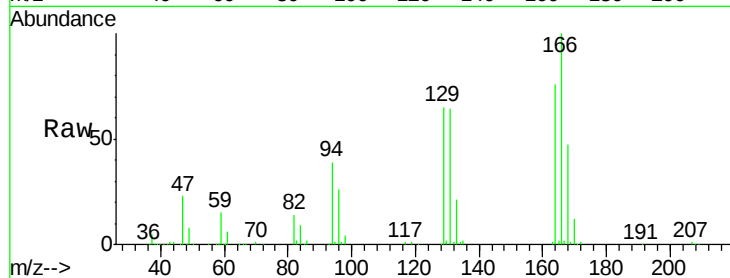
Ion Ratio Lower Upper

164 100

166 131.8 102.4 153.6

129 85.7 70.1 105.1

131 84.3 69.1 103.7

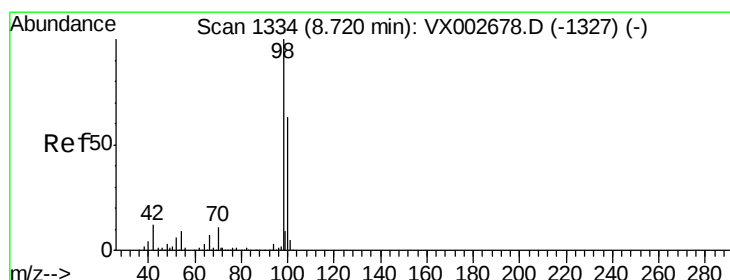
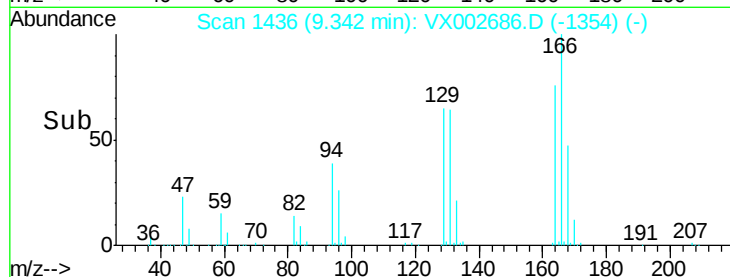
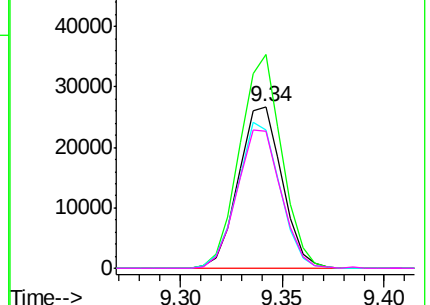


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#63

Toluene-d8

Concen: 30.04 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002686.D

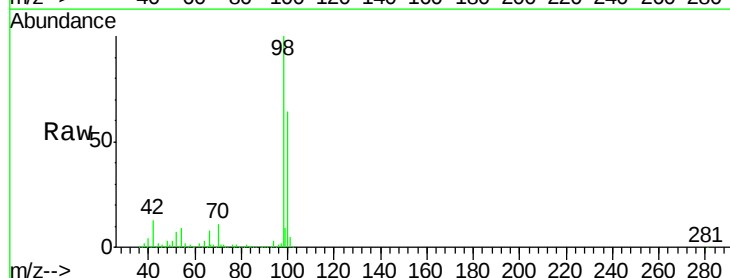
Acq: 18 Jun 2018 18:21

Tgt Ion: 98 Resp: 270236

Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

