

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002722.D
 Acq On : 19 Jun 2018 19:24
 Operator : JC/MD
 Sample : J3467-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 01:04:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	157518	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	143242	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
35) Dibromofluoromethane	5.51	113	111714	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	8.72	98	427541	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.14	95	147196	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	

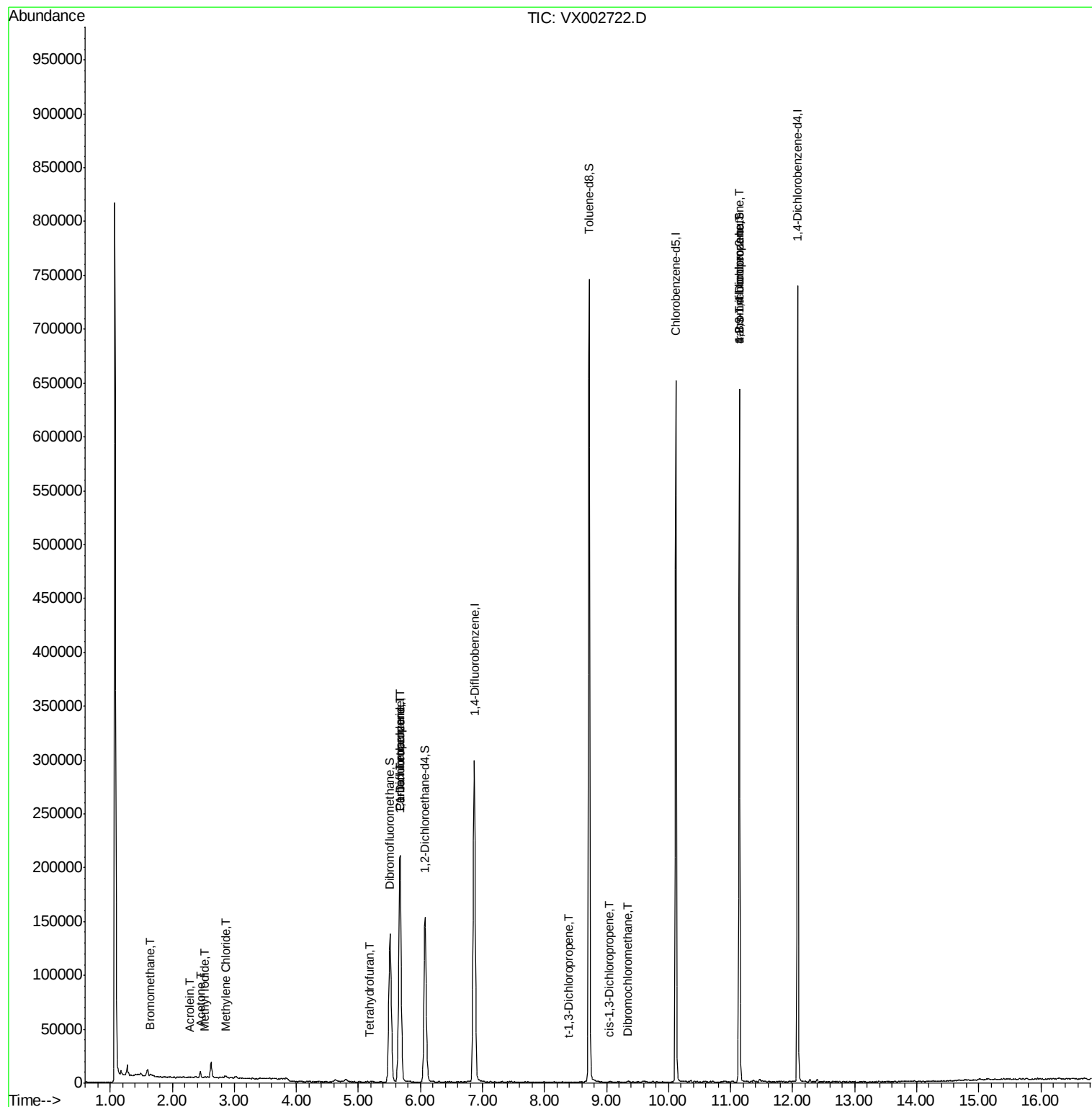
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1410	0.85	ug/l	88
10) Methyl Iodide	2.52	142	1105	5.47	ug/l #	71
13) Acrolein	2.28	56	249	7.64	ug/l #	34
16) Acetone	2.45	43	6013	4.25	ug/l	99
20) Methylene Chloride	2.86	84	786	0.27	ug/l #	91
29) Tetrahydrofuran	5.18	42	263	0.22	ug/l #	62
36) 1,1-Dichloropropene	5.66	75	14614	4.60	ug/l #	51
38) Carbon Tetrachloride	5.67	117	19531	6.18	ug/l #	15
53) t-1,3-Dichloropropene	8.38	75	24	2.40	ug/l #	43
54) cis-1,3-Dichloropropene	9.03	75	68	3.23	ug/l #	1
60) Dibromochloromethane	9.34	129	62	3.78	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	78435	26.39	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	78435	81.55	ug/l #	6

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
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Quant Time: Jun 20 01:04:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002722.D

Acq: 19 Jun 2018 19:24

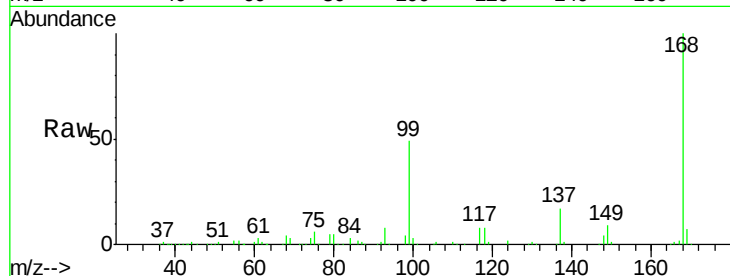
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 210892

Ion Ratio Lower Upper

168 100

99 49.2 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

80000

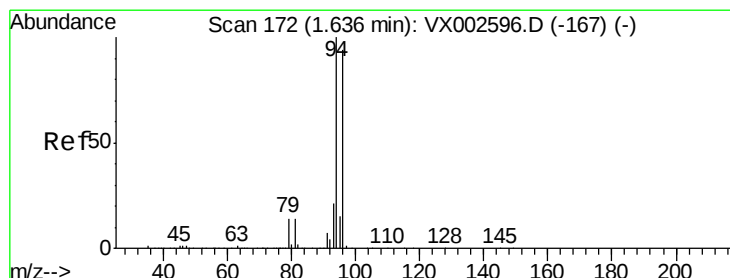
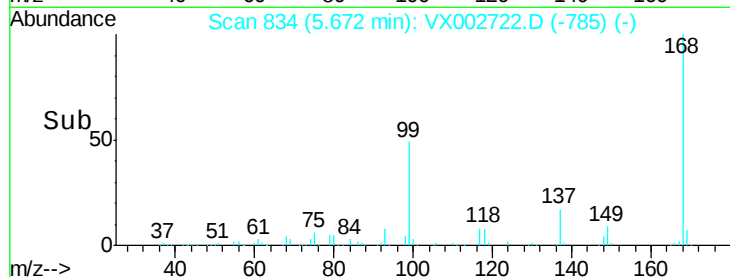
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.85 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002722.D

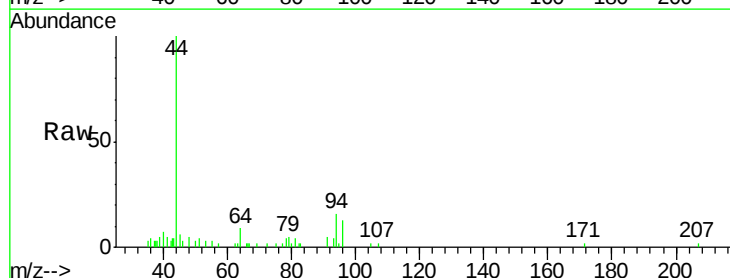
Acq: 19 Jun 2018 19:24

Tgt Ion: 94 Resp: 1410

Ion Ratio Lower Upper

94 100

96 82.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

500

400

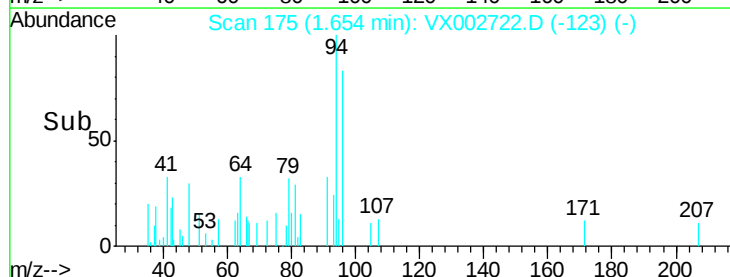
300

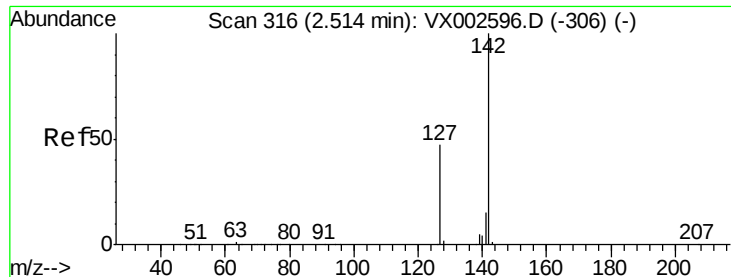
200

100

0

Time--> 1.60 1.65 1.70 1.75

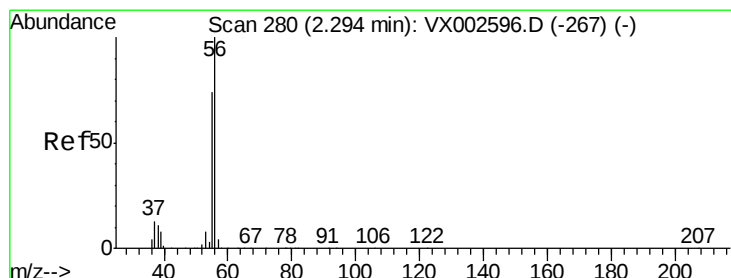
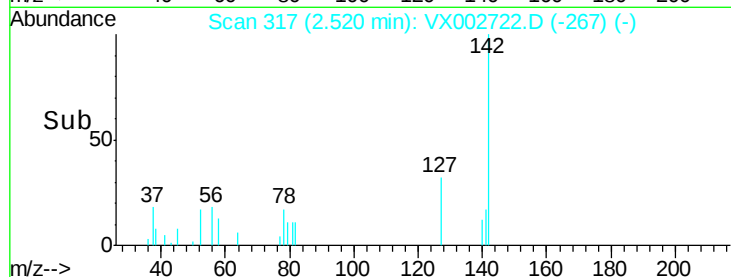
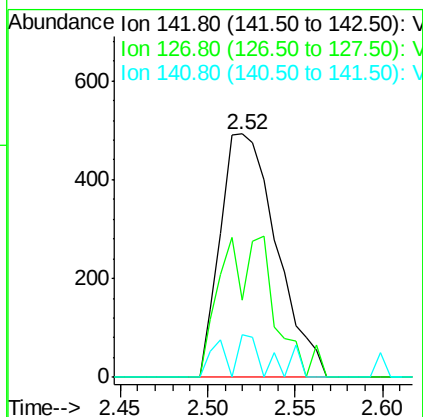
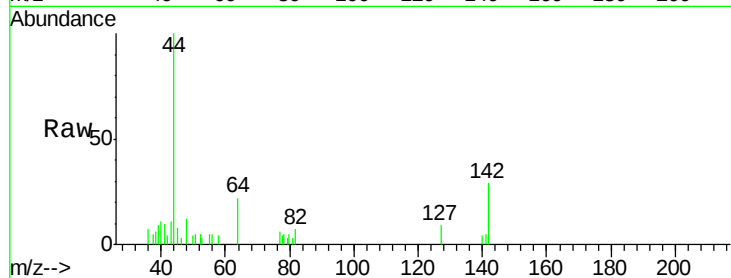




#10
Methvl Iodide
Concen: 5.47 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

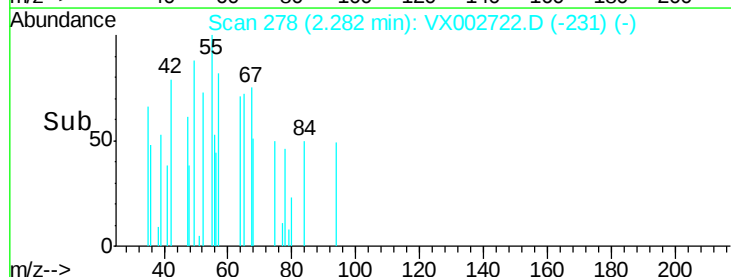
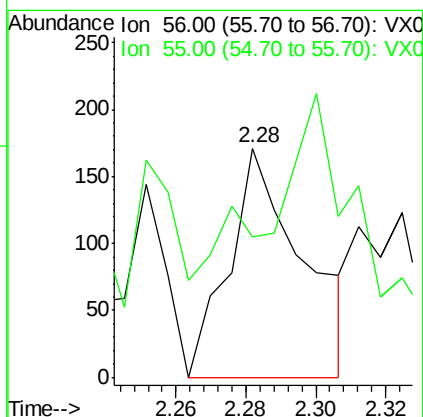
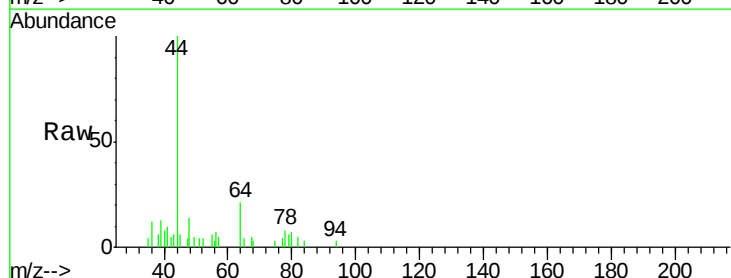
Instrument :
MSVOA_X
ClientSampleId :

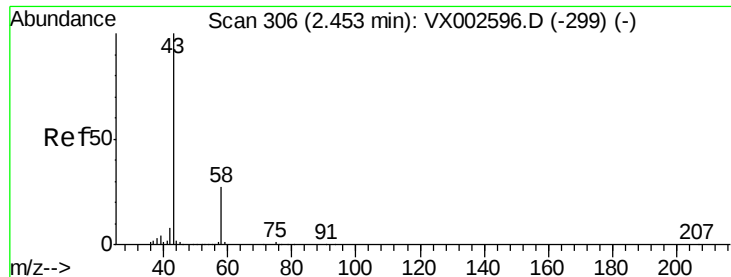
Tot Ion:142 Resp: 1105
Ion Ratio Lower Upper
142 100
127 25.2 36.6 55.0#
141 5.5 11.3 16.9#



#13
Acrolein
Concen: 7.64 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

Tgt Ion: 56 Resp: 249
Ion Ratio Lower Upper
56 100
55 125.7 57.0 85.4#





#16

Acetone

Concen: 4.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002722.D

Acq: 19 Jun 2018 19:24

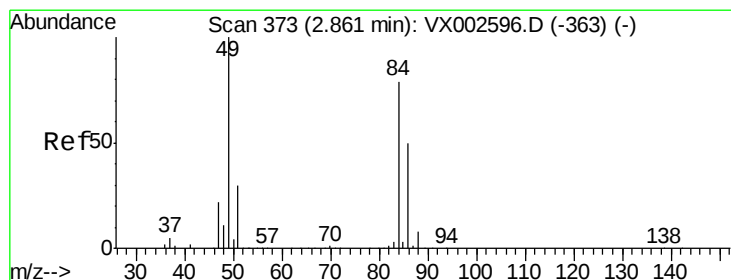
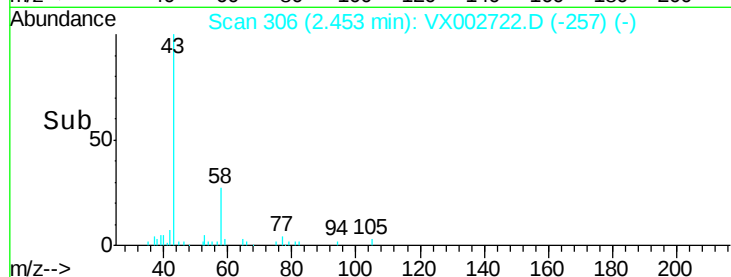
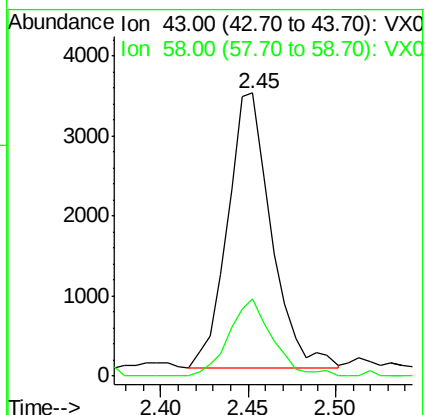
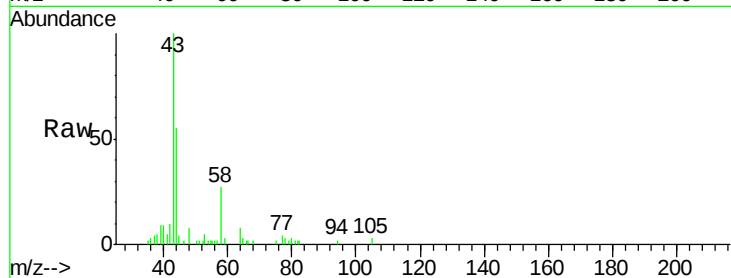
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 6013

Ion Ratio Lower Upper

43 100

58 28.2 22.1 33.1



#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002722.D

Acq: 19 Jun 2018 19:24

Tgt Ion: 84 Resp: 786

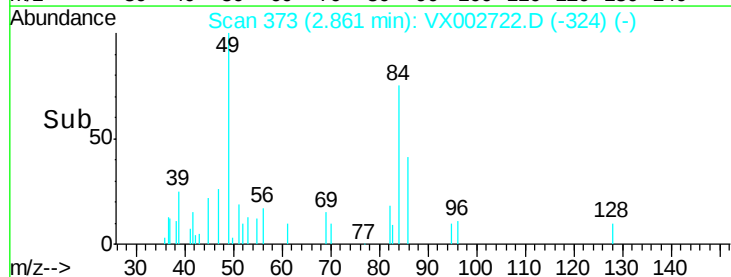
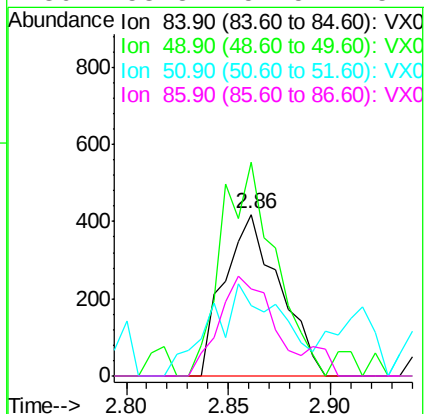
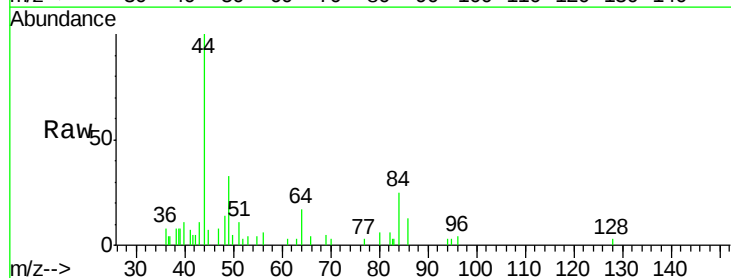
Ion Ratio Lower Upper

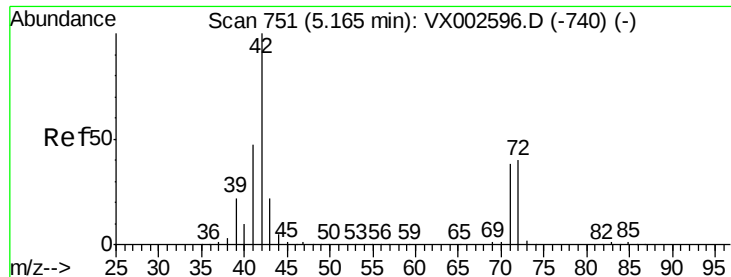
84 100

49 132.5 107.8 161.6

51 27.8 32.8 49.2#

86 53.8 52.5 78.7

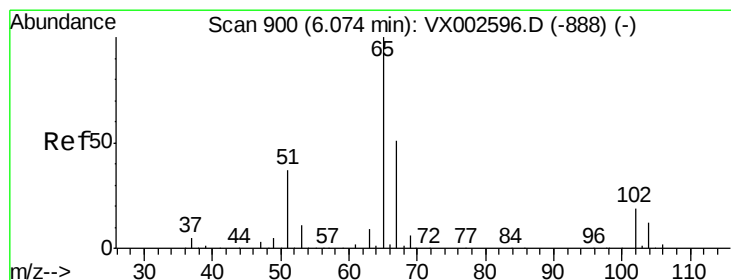
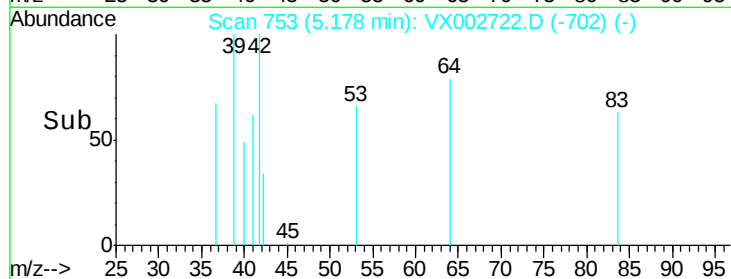
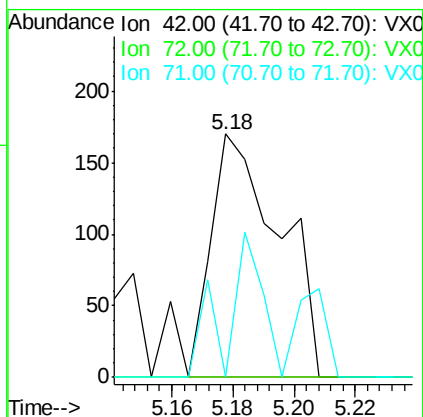
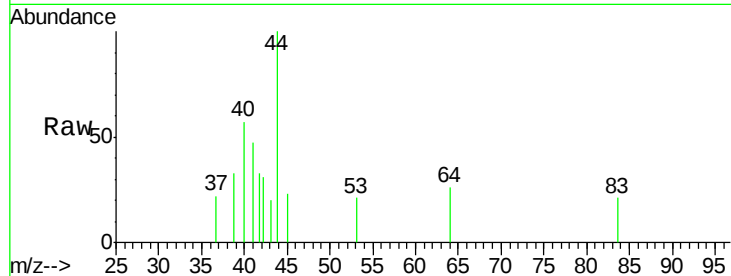




#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

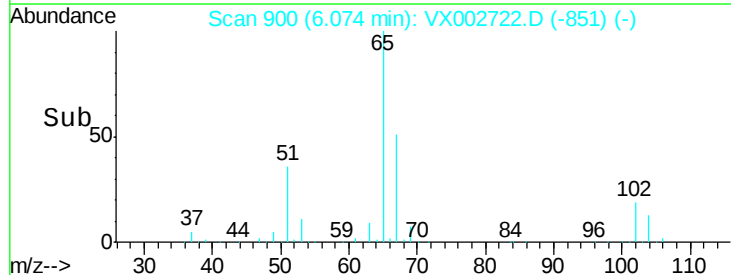
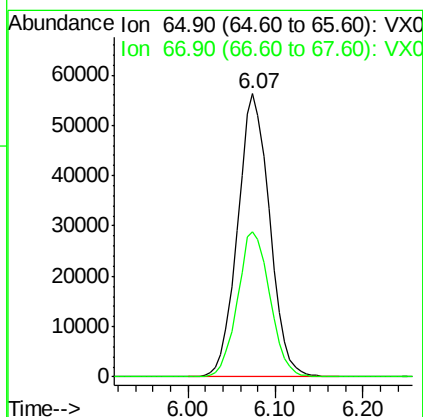
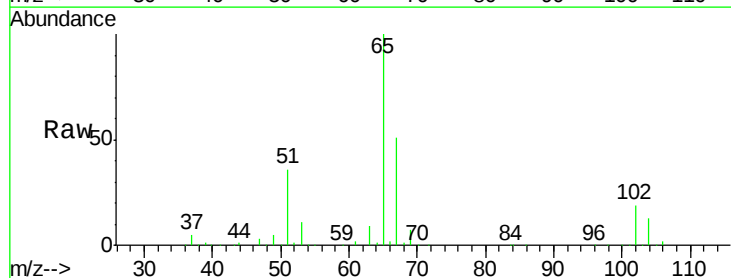
Instrument :
MSVOA_X
ClientSampleId :

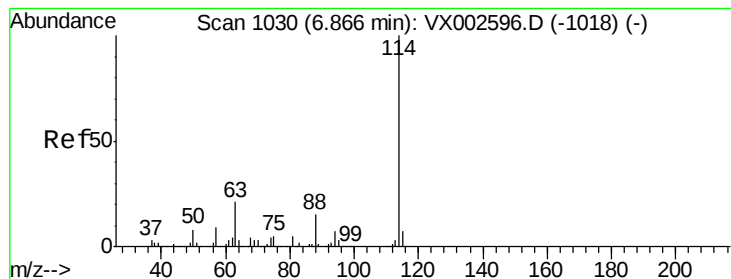
Tot Ion: 42 Resp: 263
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 31.6 30.1 45.1



#33
1,2-Dichloroethane-d4
Concen: 44.70 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

Tgt Ion: 65 Resp: 143242
Ion Ratio Lower Upper
65 100
67 51.8 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: VX002722.D

Acq: 19 Jun 2018 19:24

Instrument :

MSVOA_X

ClientSampleId :

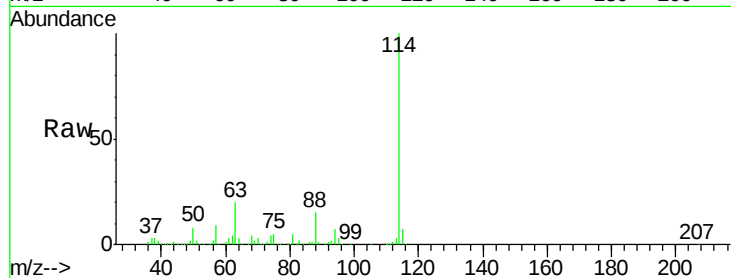
Tot Ion:114 Resp: 299048

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

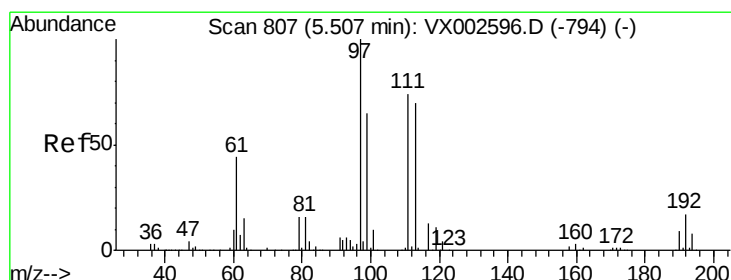
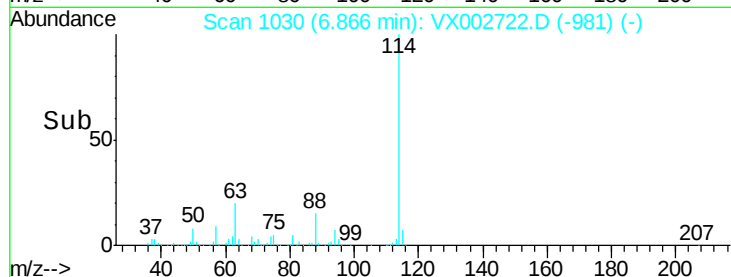
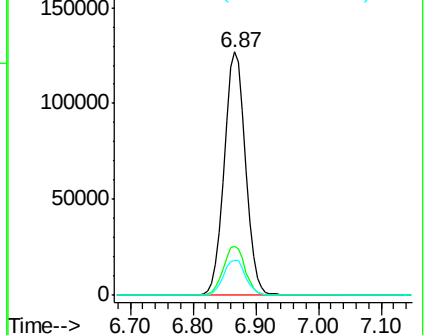
88 14.6 0.0 30.0



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: 46.81 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002722.D

Acq: 19 Jun 2018 19:24

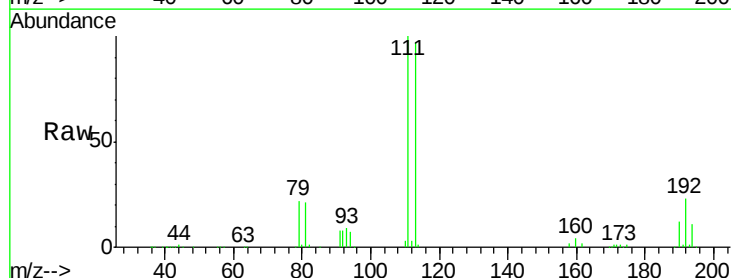
Tgt Ion:113 Resp: 111714

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

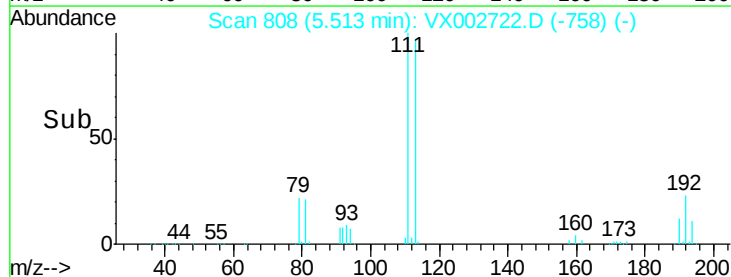
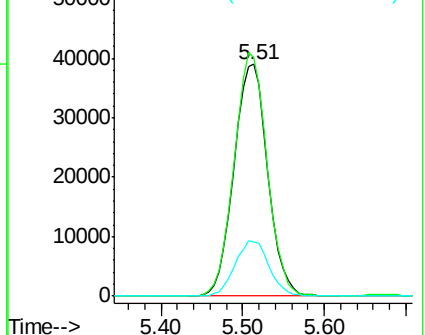
192 24.1 19.1 28.7

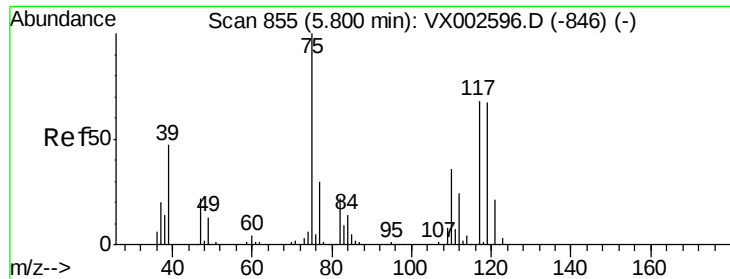


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

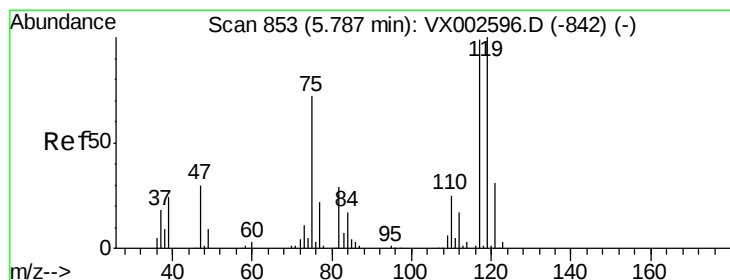
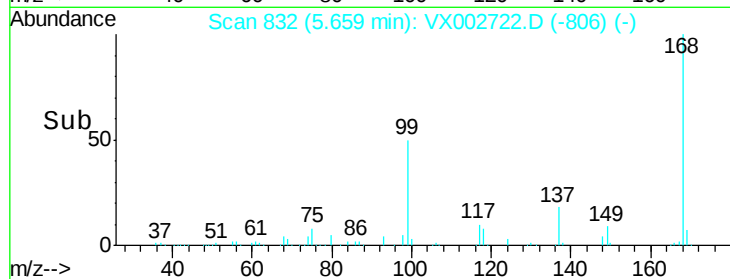
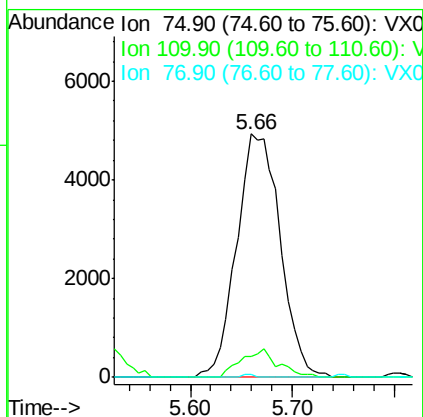
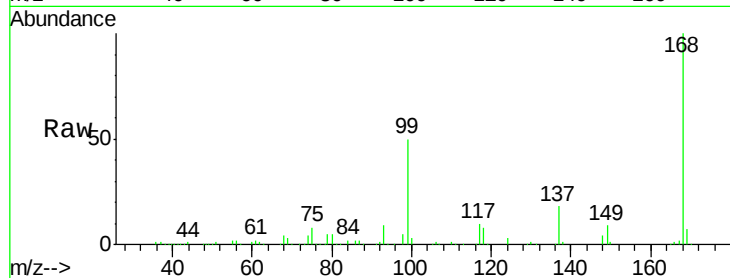




#36
 1,1-Dichloropropene
 Concen: 4.60 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX002722.D
 Acq: 19 Jun 2018 19:24

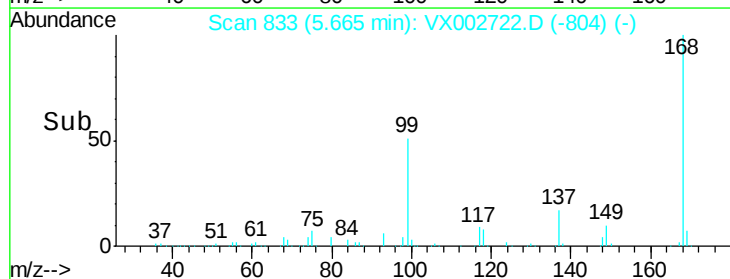
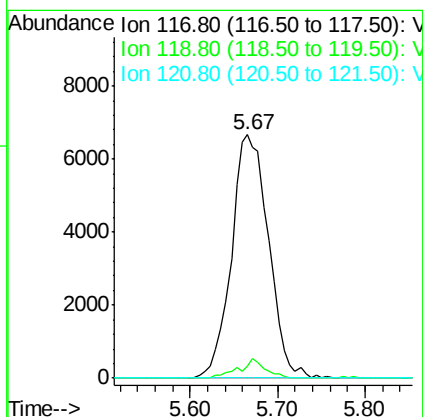
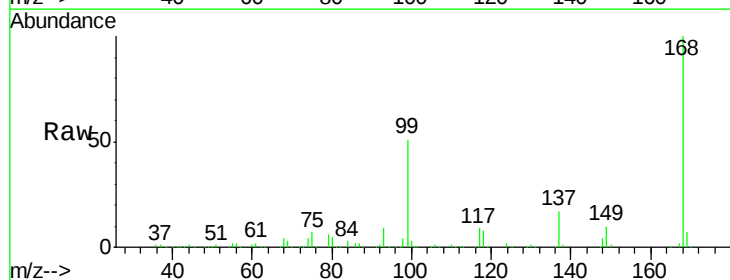
Instrument :
 MSVOA_X
 ClientSampleId :

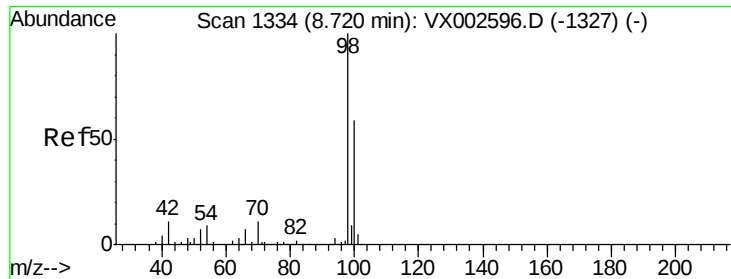
Tot Ion: 75 Resp: 14614
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.1 54.4#
 77 0.3 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.18 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002722.D
 Acq: 19 Jun 2018 19:24

Tgt Ion: 117 Resp: 19531
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.4 116.0#
 121 0.0 24.4 36.6#

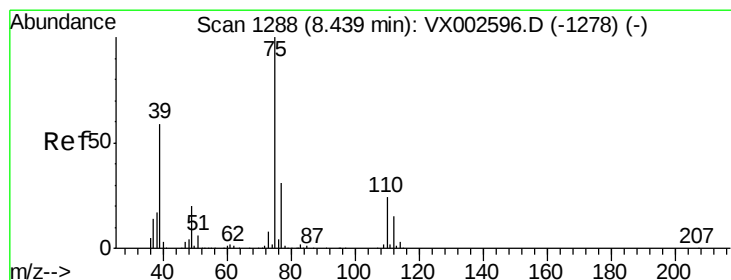
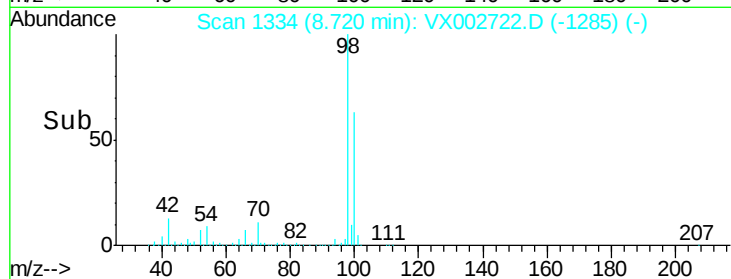
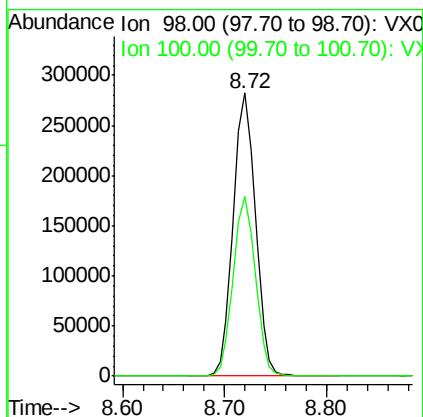
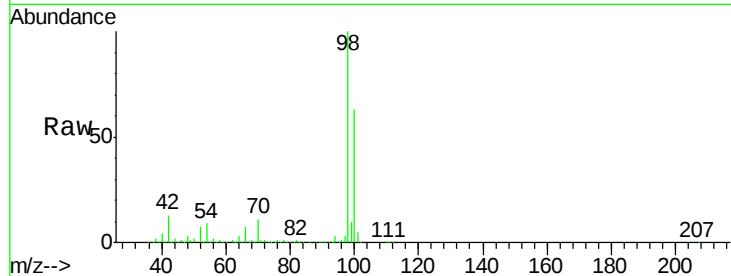




#50
Toluene-d8
Concen: 47.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

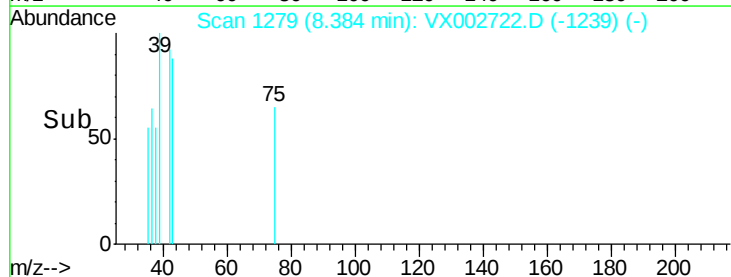
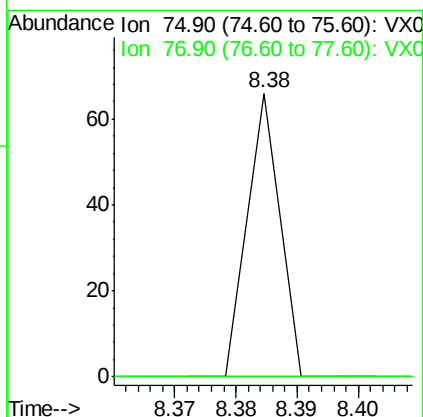
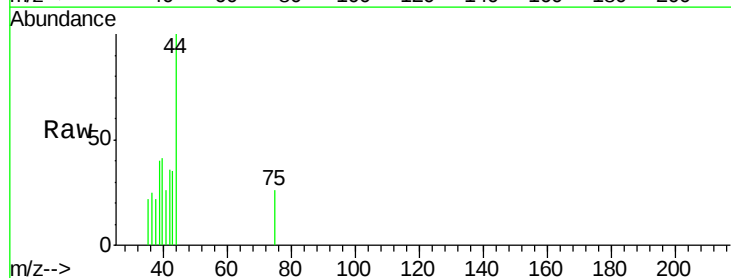
Instrument :
MSVOA_X
ClientSampled :

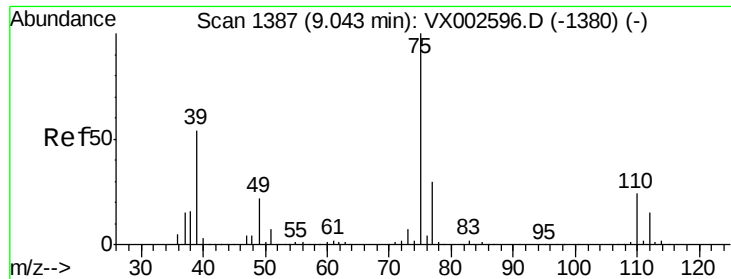
Tot Ion: 98 Resp: 427541
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.38 min Scan# 1279
Delta R.T. -0.05 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

Tgt Ion: 75 Resp: 24
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



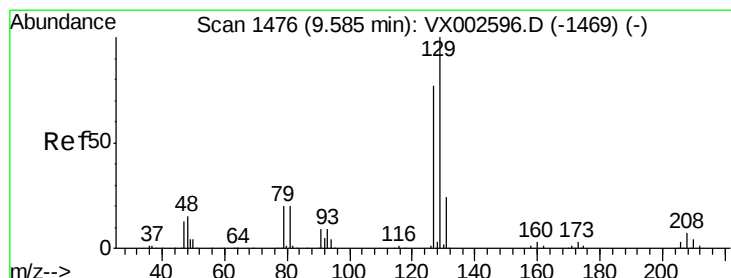
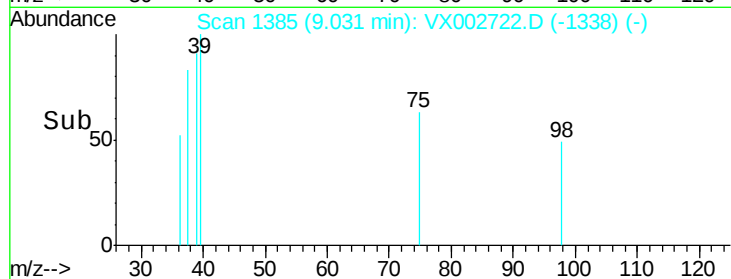
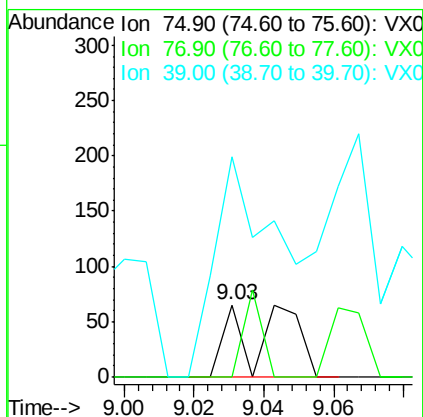
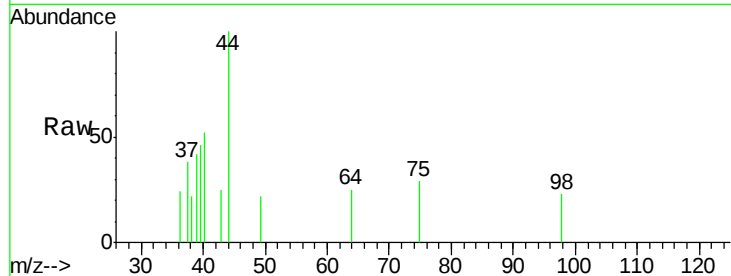


#54

cis-1,3-Dichloropropene
Concen: 3.23 ug/l
RT: 9.03 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

Instrument :
MSVOA_X
ClientSampleId :

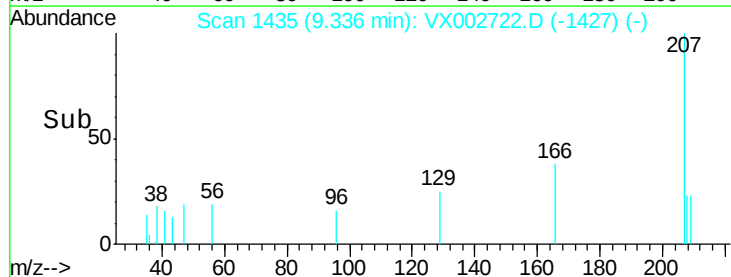
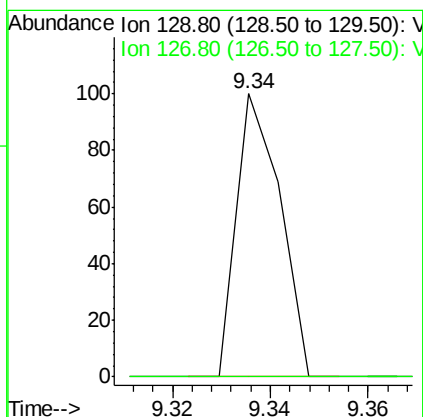
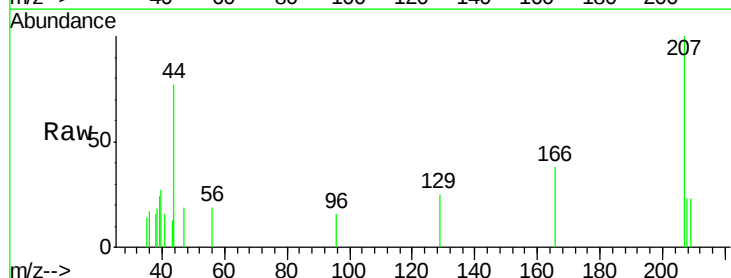
Tot Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 306.2 42.4 63.6#

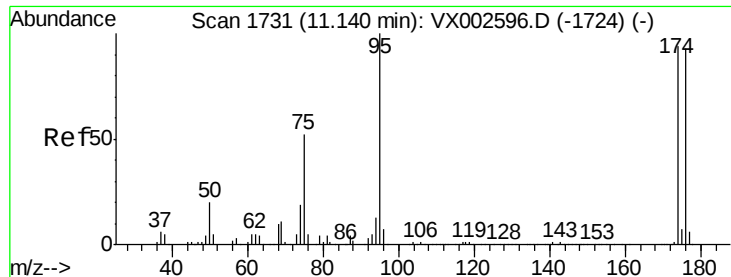


#60

Dibromochloromethane
Concen: 3.78 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

Tgt Ion: 129 Resp: 62
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

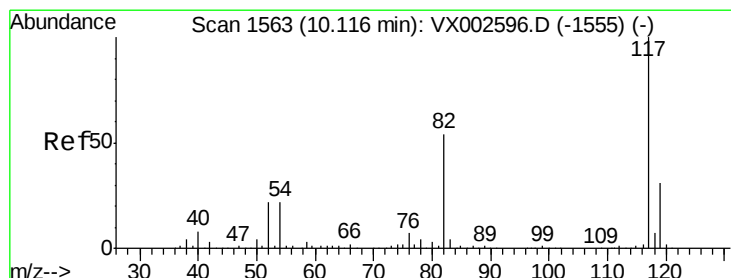
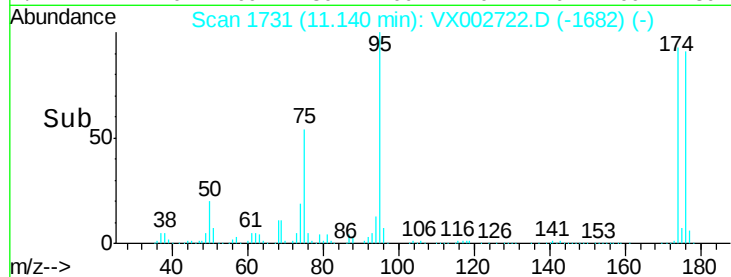
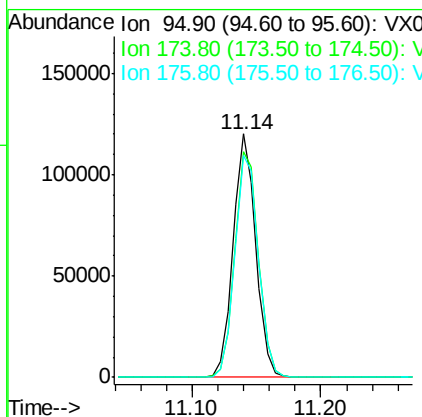
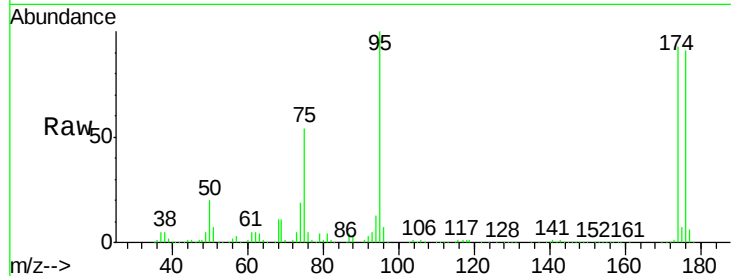




#62
4-Bromofluorobenzene
Concen: 42.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

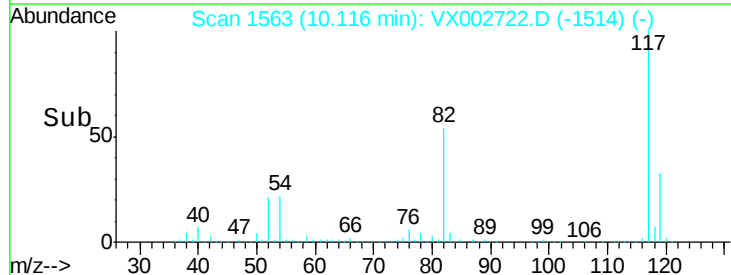
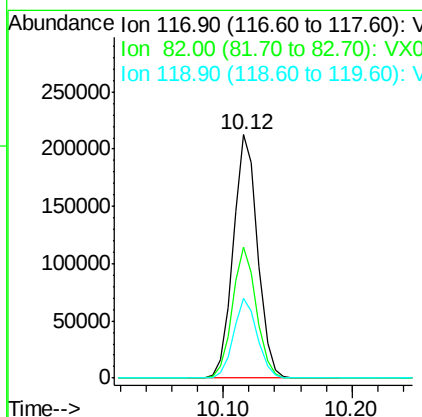
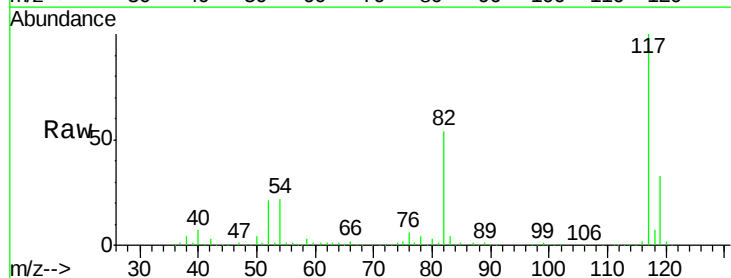
Instrument :
MSVOA_X
ClientSampleId :

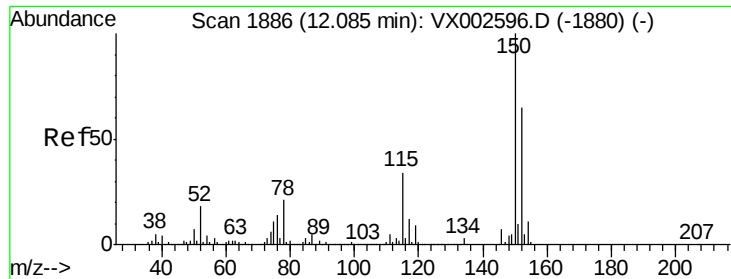
Tot Ion: 95 Resp: 147196
Ion Ratio Lower Upper
95 100
174 96.7 0.0 187.4
176 95.4 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002722.D
Acq: 19 Jun 2018 19:24

Tgt Ion: 117 Resp: 281296
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002722.D

Acq: 19 Jun 2018 19:24

Instrument :

MSVOA_X

ClientSampled :

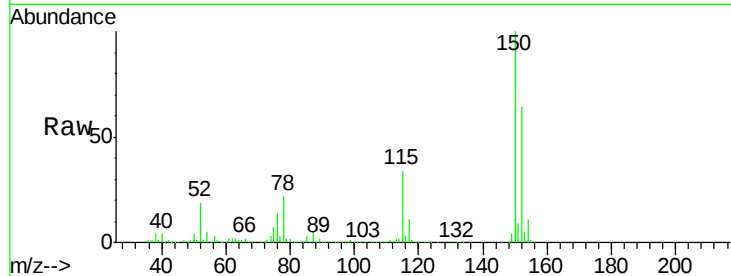
Tot Ion:152 Resp: 157518

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

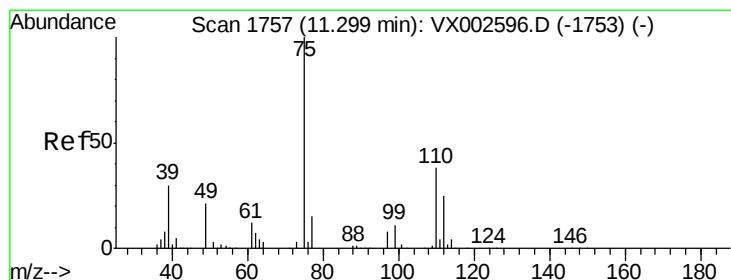
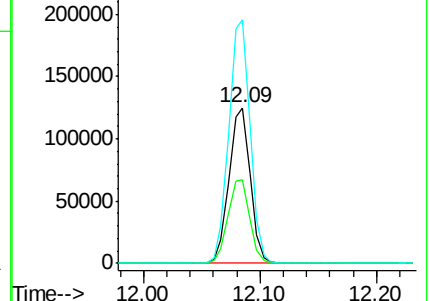
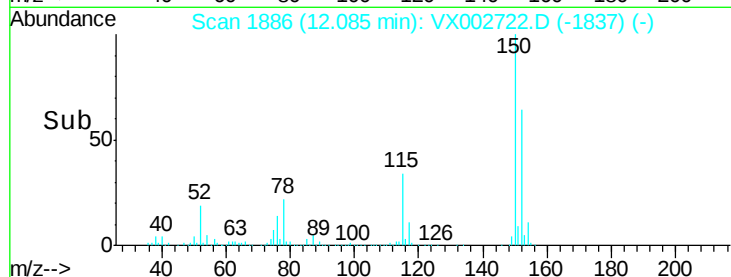
150 156.8 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 26.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002722.D

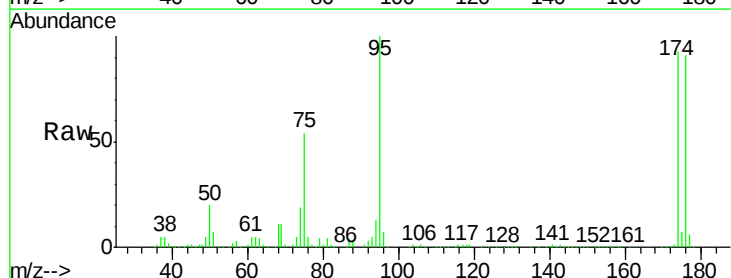
Acq: 19 Jun 2018 19:24

Tgt Ion: 75 Resp: 78435

Ion Ratio Lower Upper

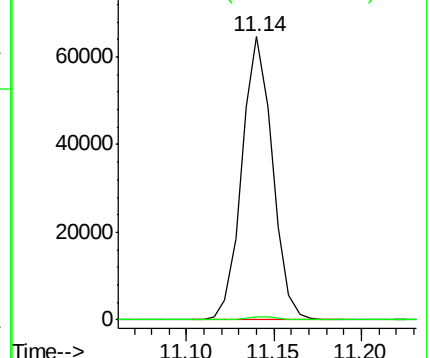
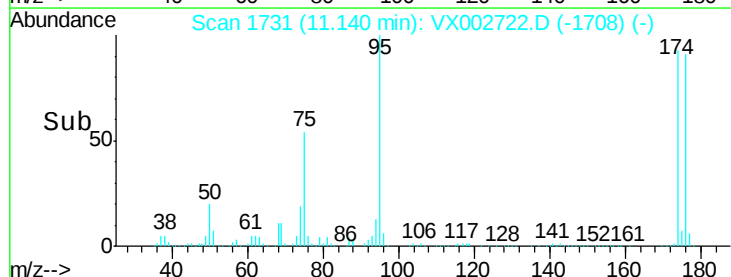
75 100

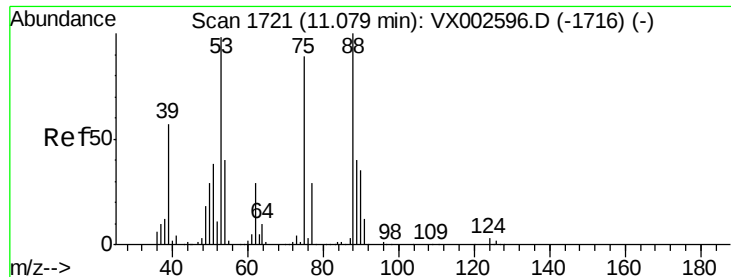
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 81.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002722.D

Acq: 19 Jun 2018 19:24

Instrument :

MSVOA_X

ClientSampleId :

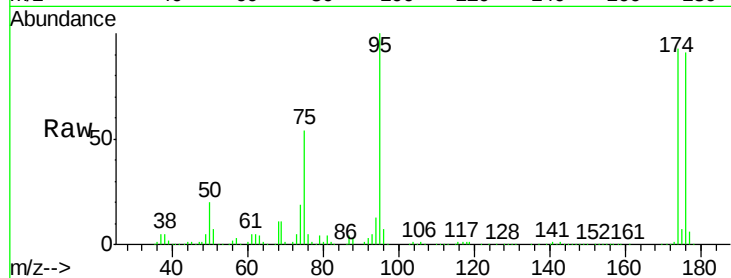
Tot Ion: 75 Resp: 78435

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

