

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002668.D
 Acq On : 17 Jun 2018 00:43
 Operator : JC/MD
 Sample : J3485-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW-06132018

Quant Time: Jun 18 01:42:15 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	204496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	291609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161870	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	139116	44.77	ug/l	0.00
Spiked Amount			Recovery	=	89.54%	
35) Dibromofluoromethane	5.51	113	108749	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	8.72	98	417148	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	150895	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	655	0.254	ug/l #	35
5) Bromomethane	1.67	94	1144	0.708	ug/l	100
6) Chloroethane	1.59	64	1806	1.022	ug/l #	51
10) Methyl Iodide	2.51	142	1091	5.479	ug/l #	91
11) Tert butyl alcohol	3.07	59	4981	7.754	ug/l #	83
13) Acrolein	2.31	56	221	7.577	ug/l #	14
16) Acetone	2.45	43	22398	16.337	ug/l	98
18) Methyl Acetate	2.79	43	1247	0.341	ug/l #	73
19) Methyl tert-butyl Ether	3.21	73	39872	4.652	ug/l	96
25) 2-Butanone	4.72	43	4548	2.526	ug/l #	82
29) Tetrahydrofuran	5.17	42	278	0.236	ug/l #	45
31) Cyclohexane	5.59	56	2042	0.557	ug/l #	87
36) 1,1-Dichloropropene	5.67	75	14325	4.625	ug/l #	51
38) Carbon Tetrachloride	5.67	117	19225	6.234	ug/l #	18
39) Methylcyclohexane	7.47	83	2421	0.669	ug/l	89
40) Benzene	6.15	78	3079	0.332	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1330	0.357	ug/l	89
52) Toluene	8.79	92	1464	0.247	ug/l	100
53) t-1,3-Dichloropropene	8.67	75	26	2.400	ug/l #	43
54) cis-1,3-Dichloropropene	9.11	75	19	3.217	ug/l #	32
55) 1,1,2-Trichloroethane	9.16	97	487	0.203	ug/l #	14
59) 2-Hexanone	9.51	43	646	0.230	ug/l	98
60) Dibromochloromethane	9.59	129	27	3.770	ug/l #	11
68) m/p-Xylenes	10.37	106	995	0.229	ug/l	99
73) Isopropylbenzene	11.02	105	3997	0.369	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	79713	26.097	ug/l #	33
78) n-propylbenzene	11.37	91	4499	0.362	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.14	75	79713	80.702	ug/l #	7
83) tert-Butylbenzene	11.77	119	1878	0.213	ug/l	92
86) p-Isopropyltoluene	12.24	119	5005	0.505	ug/l	87
89) n-Butylbenzene	12.37	91	2029	0.232	ug/l #	32
90) Hexachloroethane	12.67	117	3808	4.959	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	292	0.436	ug/l #	1
95) Naphthalene	13.83	128	4424	0.407	ug/l #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
Data File : VX002668.D
Acq On : 17 Jun 2018 00:43
Operator : JC/MD
Sample : J3485-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

Quant Time: Jun 18 01:42:15 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

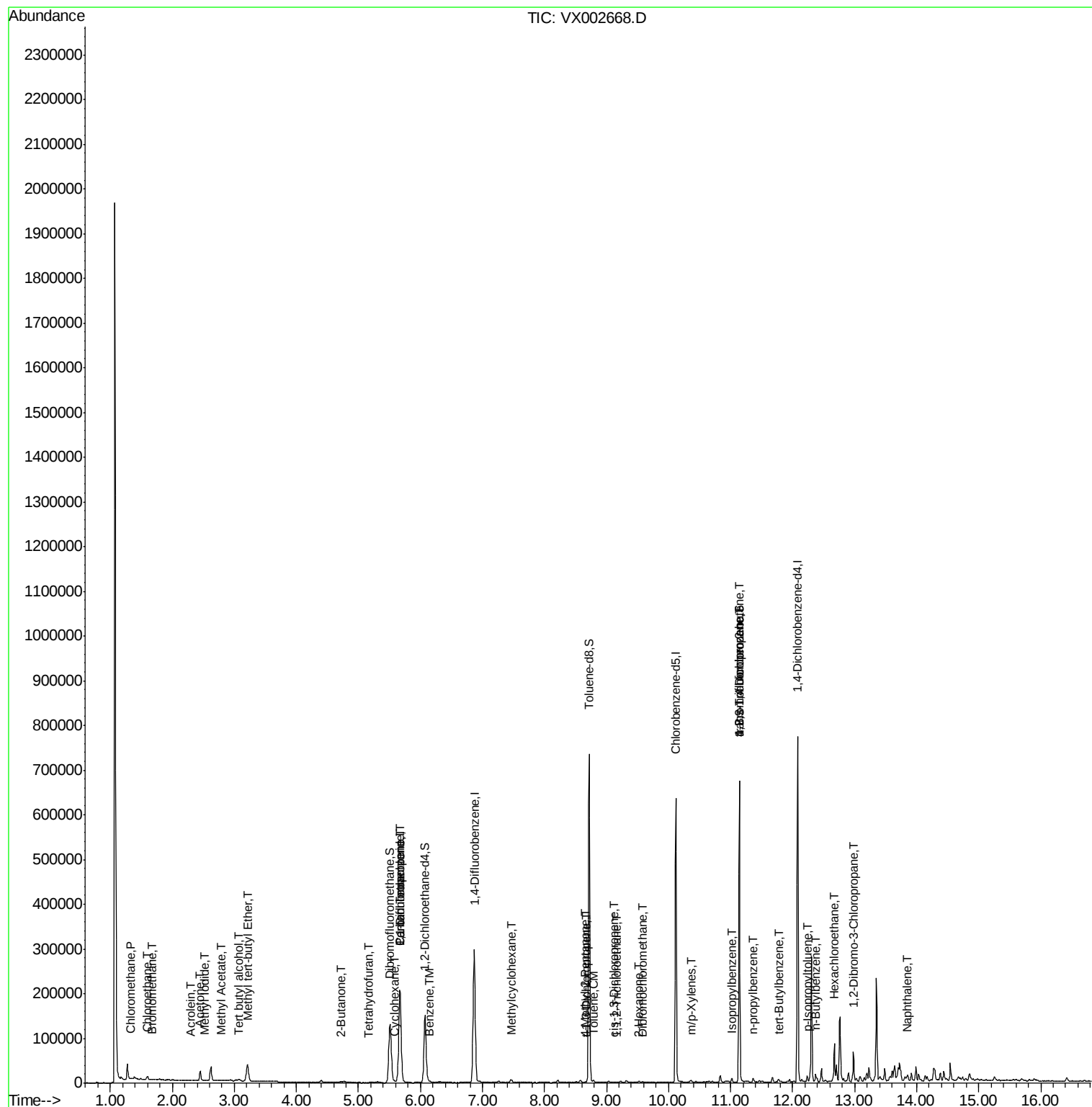
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

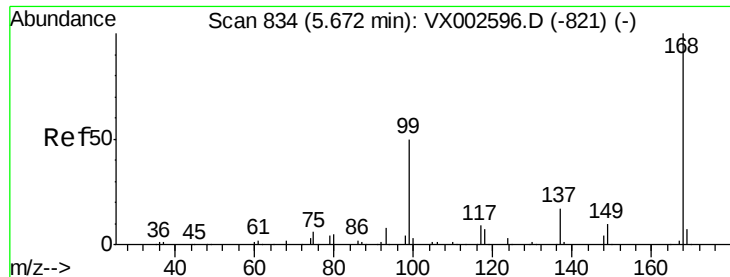
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
Data File : VX002668.D
Acq On : 17 Jun 2018 00:43
Operator : JC/MD
Sample : J3485-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

Quant Time: Jun 18 01:42:15 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: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

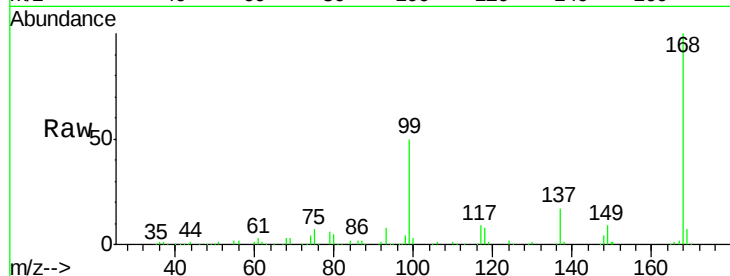
IDW-GW-06132018

Tot Ion:168 Resp: 204496

Ion Ratio Lower Upper

168 100

99 50.0 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

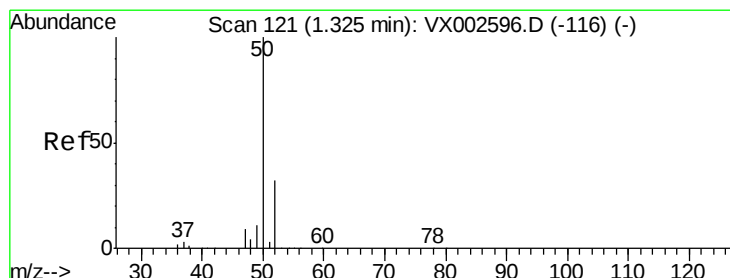
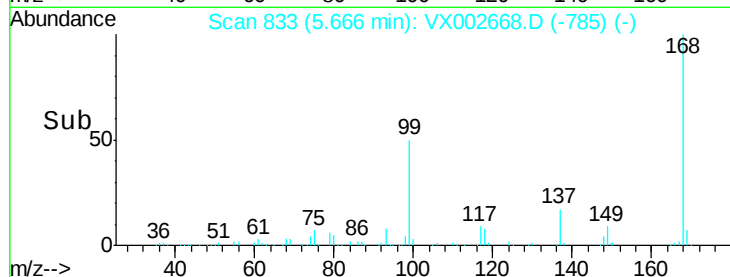
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.254 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002668.D

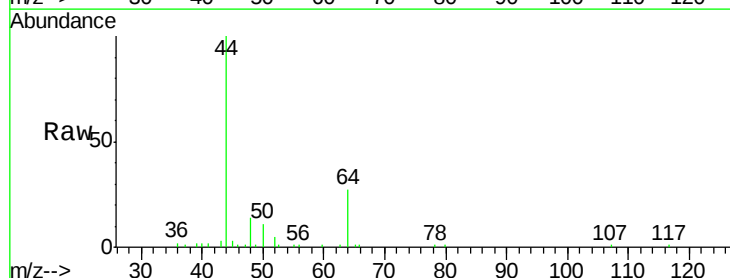
Acq: 17 Jun 2018 00:43

Tgt Ion: 50 Resp: 655

Ion Ratio Lower Upper

50 100

52 68.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

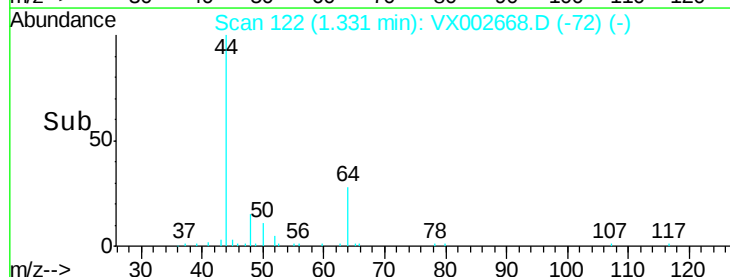
600

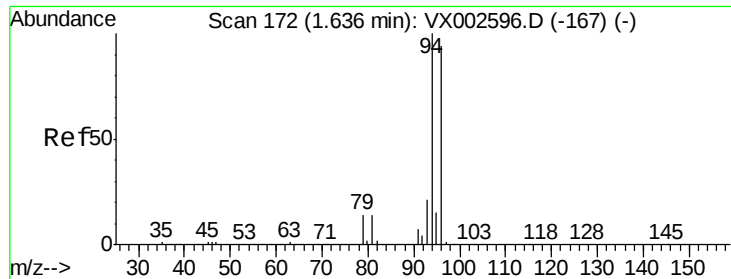
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.708 ug/l

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

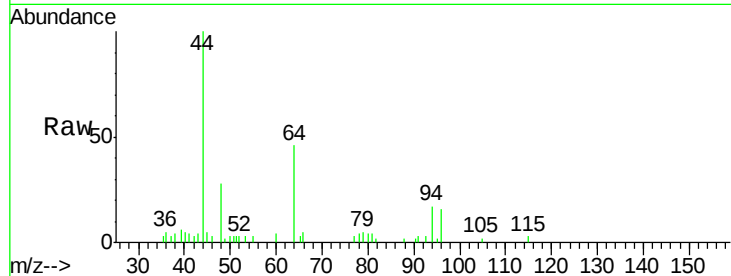
IDW-GW-06132018

Tot Ion: 94 Resp: 1144

Ion Ratio Lower Upper

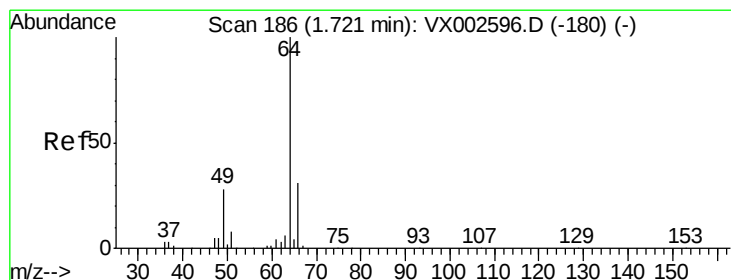
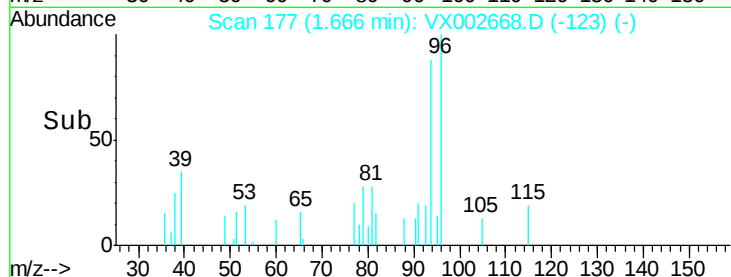
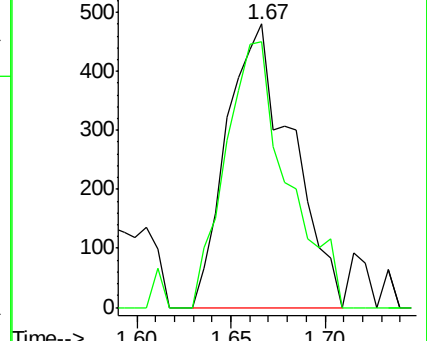
94 100

96 93.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.022 ug/l

RT: 1.59 min Scan# 165

Delta R.T. -0.13 min

Lab File: VX002668.D

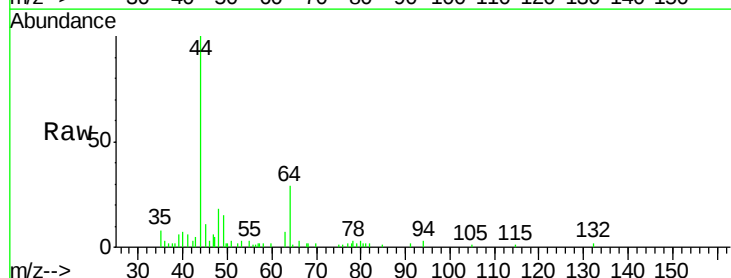
Acq: 17 Jun 2018 00:43

Tgt Ion: 64 Resp: 1806

Ion Ratio Lower Upper

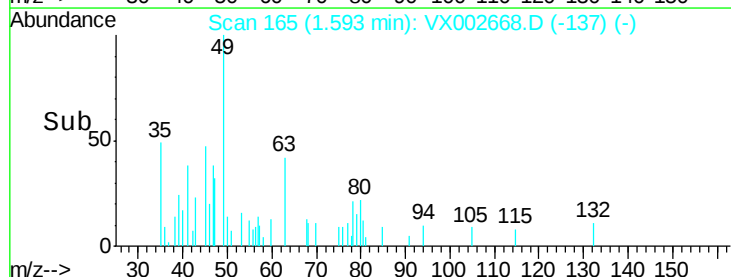
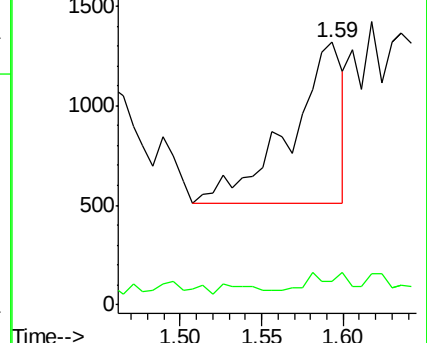
64 100

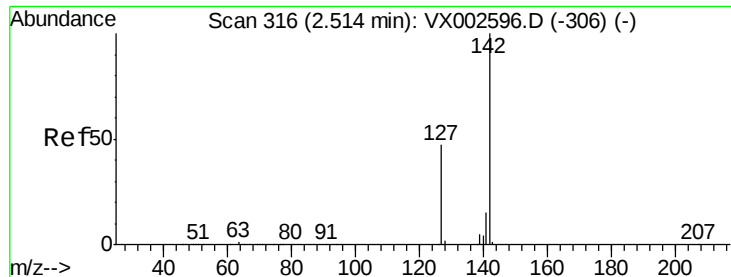
66 4.6 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

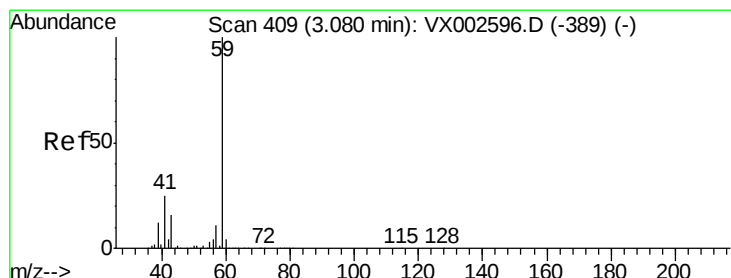
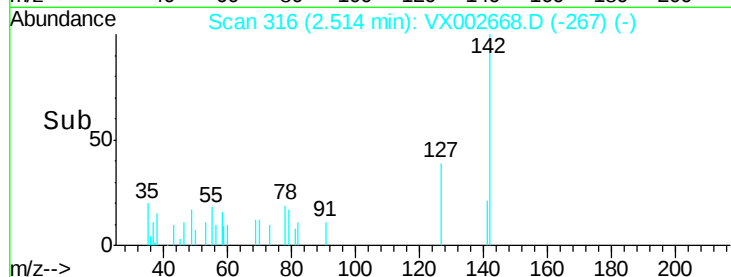
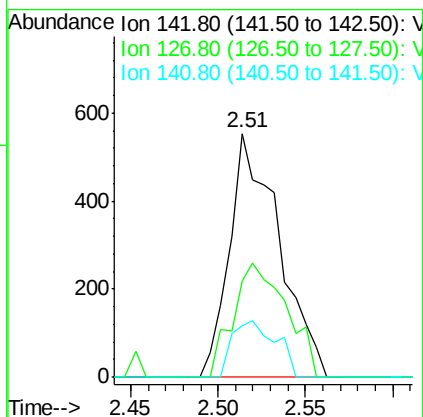
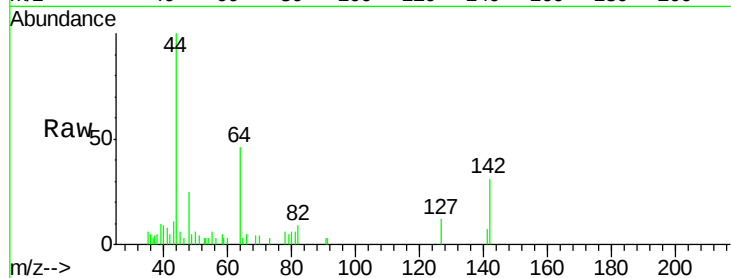




#10
Methvl Iodide
Concen: 5.479 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

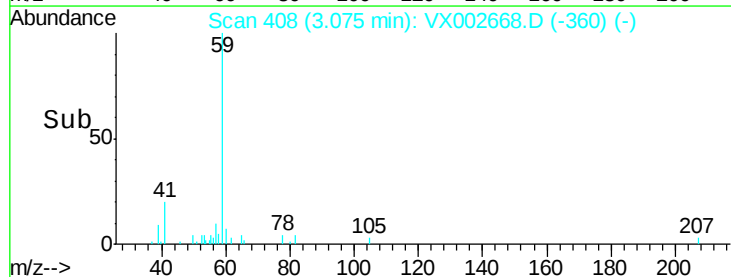
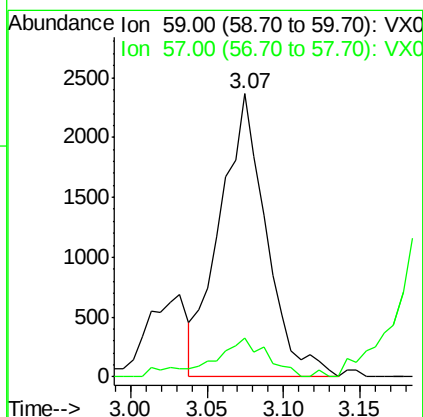
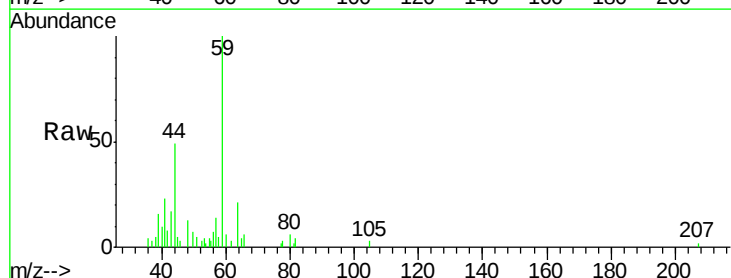
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

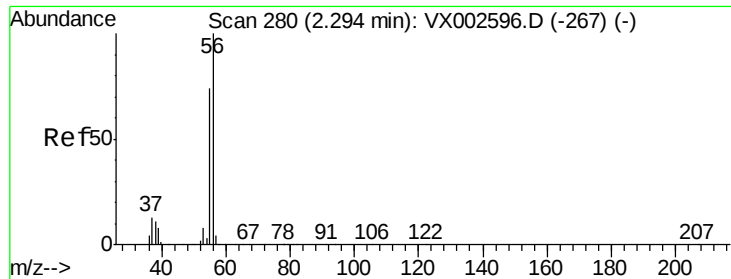
Tot Ion:142 Resp: 1091
Ion Ratio Lower Upper
142 100
127 50.5 36.6 55.0
141 20.3 11.3 16.9#



#11
Tert butyl alcohol
Concen: 7.754 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion: 59 Resp: 4981
Ion Ratio Lower Upper
59 100
57 16.5 8.2 12.2#





#13

Acrolein

Concen: 7.577 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

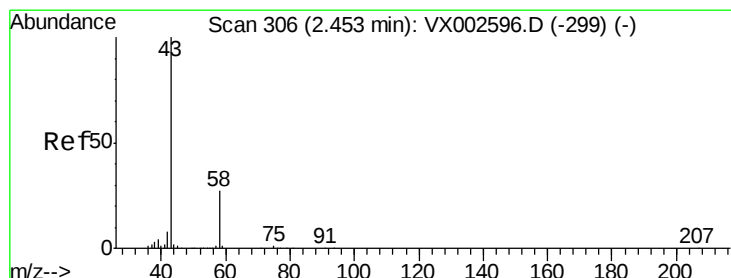
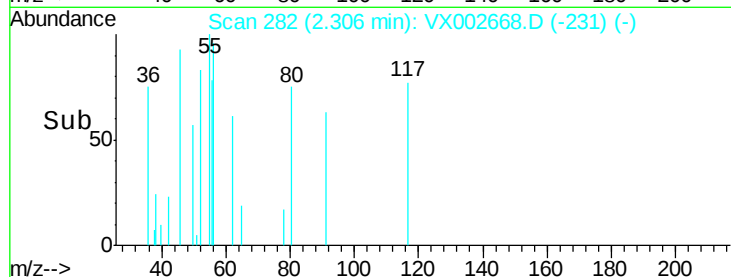
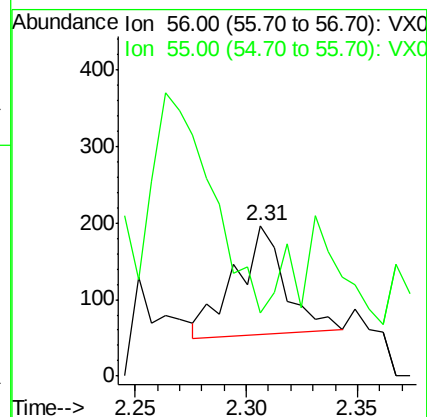
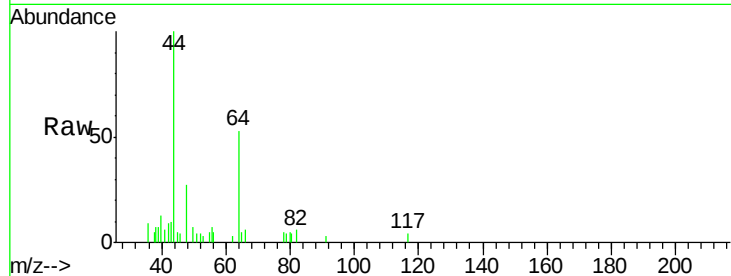
IDW-GW-06132018

Tot Ion: 56 Resp: 221

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 16.337 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002668.D

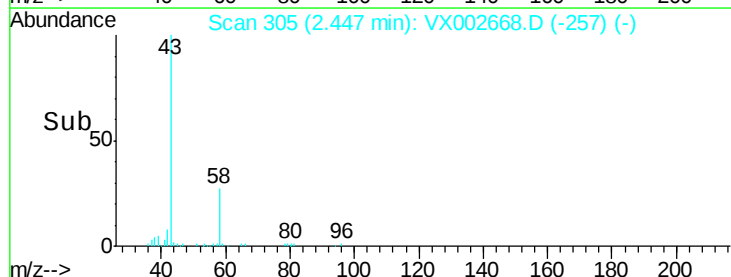
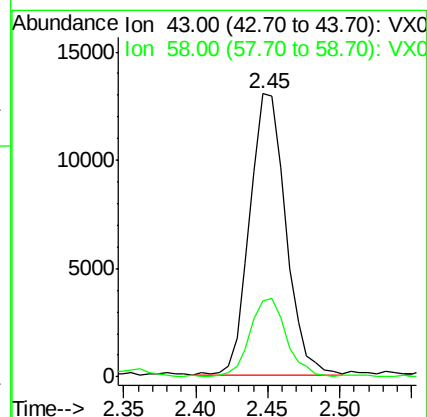
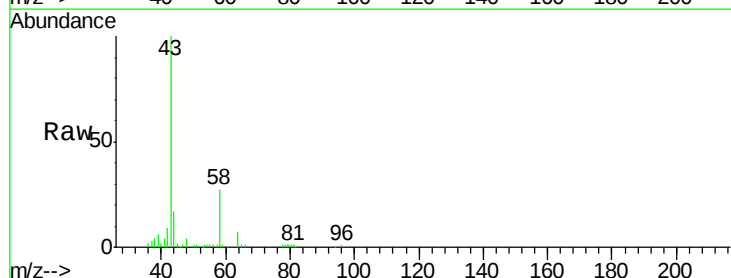
Acq: 17 Jun 2018 00:43

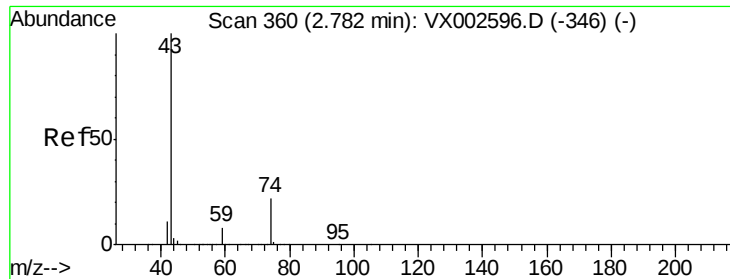
Tgt Ion: 43 Resp: 22398

Ion Ratio Lower Upper

43 100

58 26.5 22.1 33.1

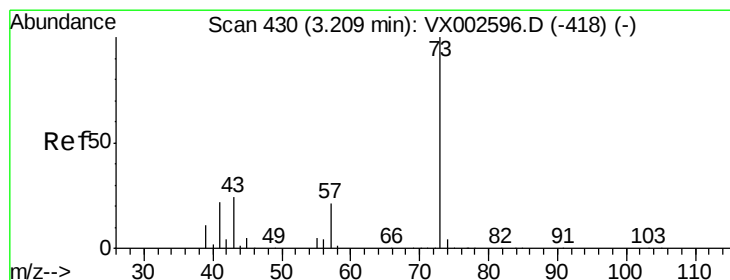
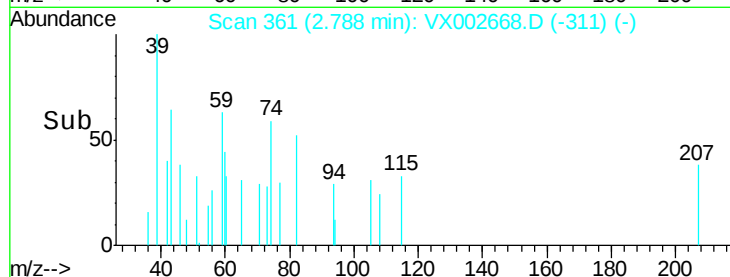
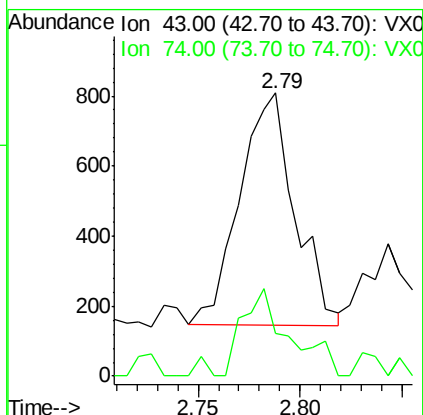
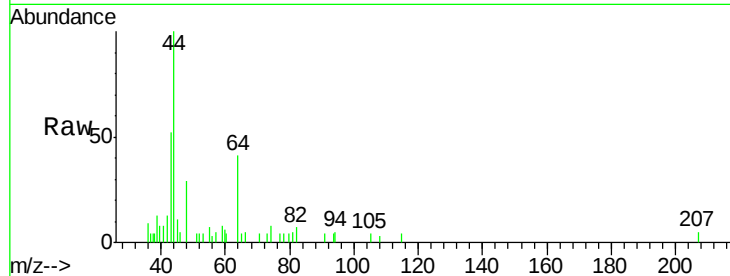




#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

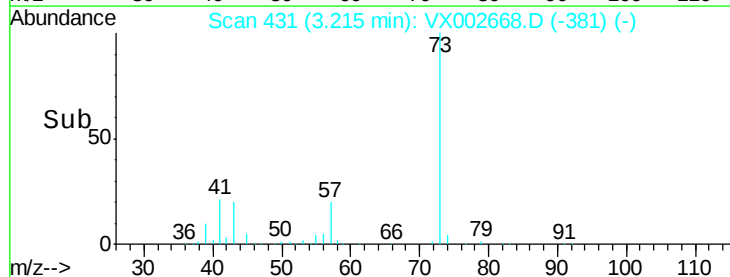
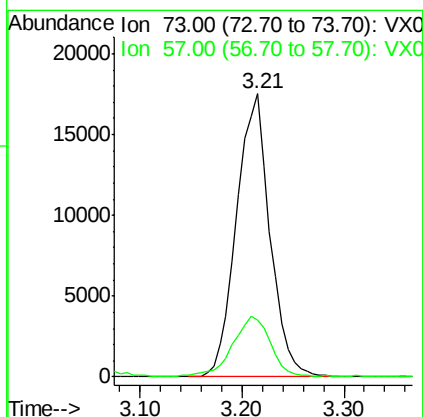
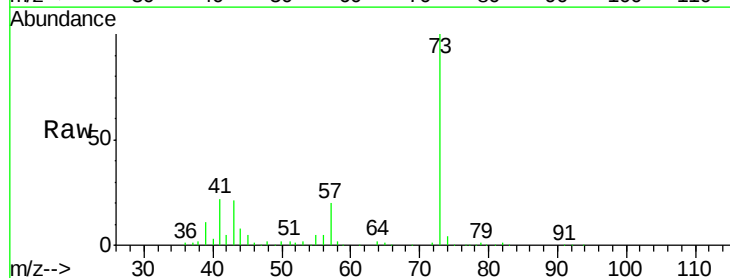
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

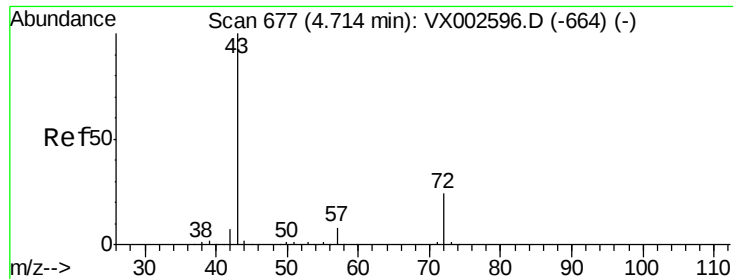
Tot Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
74 33.5 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: 4.652 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion: 73 Resp: 39872
Ion Ratio Lower Upper
73 100
57 20.0 17.7 26.5





#25

2-Butanone

Concen: 2.526 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

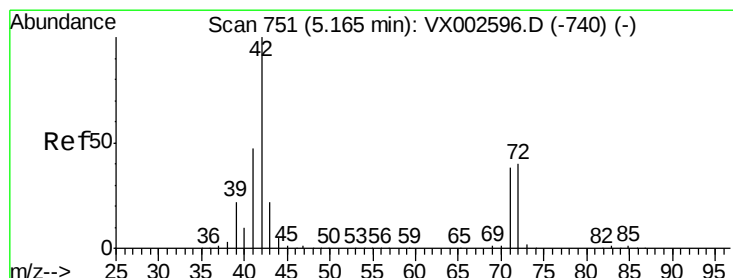
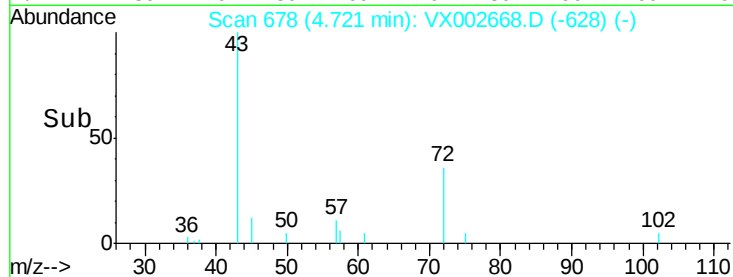
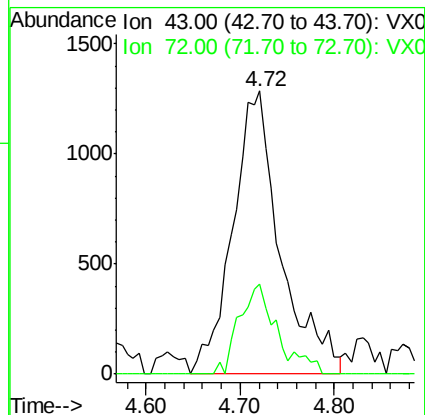
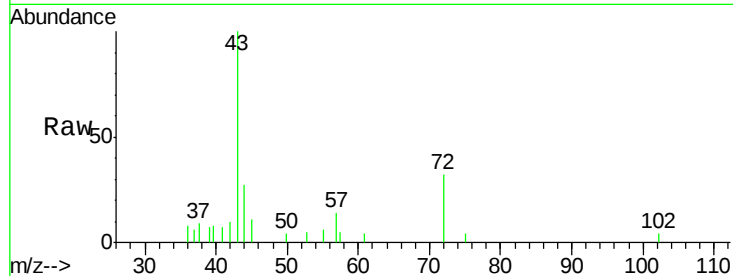
IDW-GW-06132018

Tot Ion: 43 Resp: 4548

Ion Ratio Lower Upper

43 100

72 31.8 18.5 27.7#



#29

Tetrahydrofuran

Concen: 0.236 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

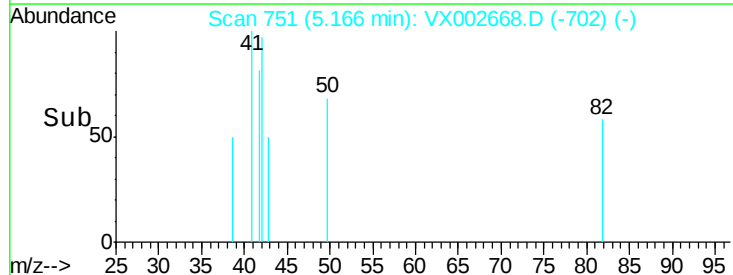
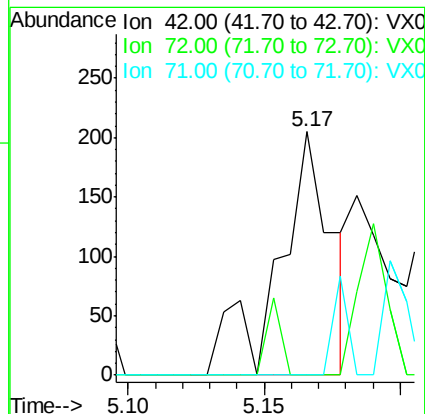
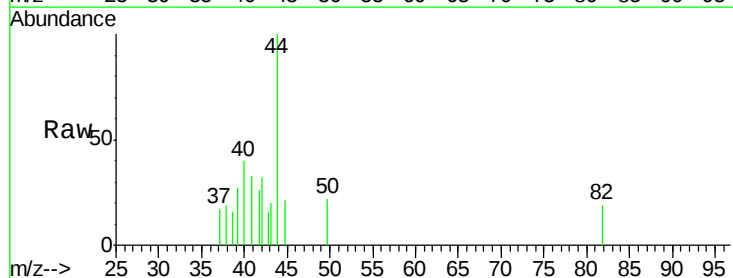
Tgt Ion: 42 Resp: 278

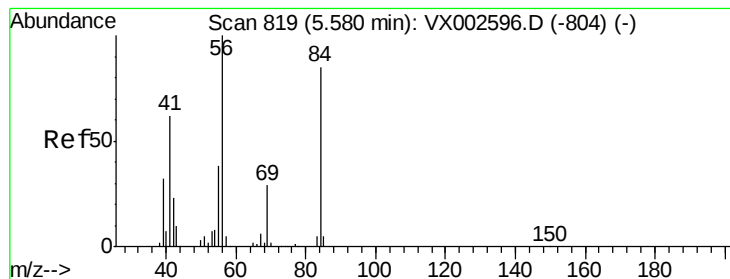
Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

71 10.8 30.1 45.1#





#31

Cyclohexane

Concen: 0.557 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

IDW-GW-06132018

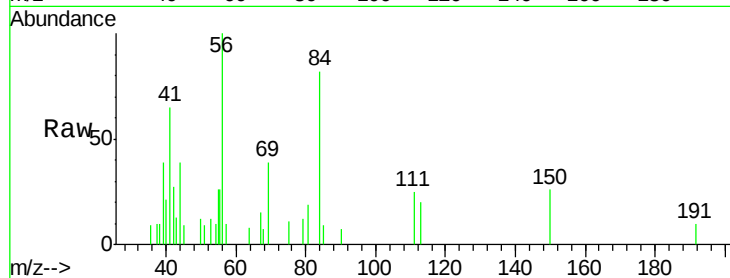
Tot Ion: 56 Resp: 2042

Ion Ratio Lower Upper

56 100

69 41.6 23.7 35.5#

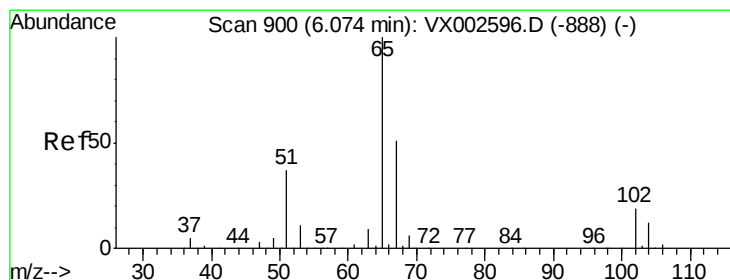
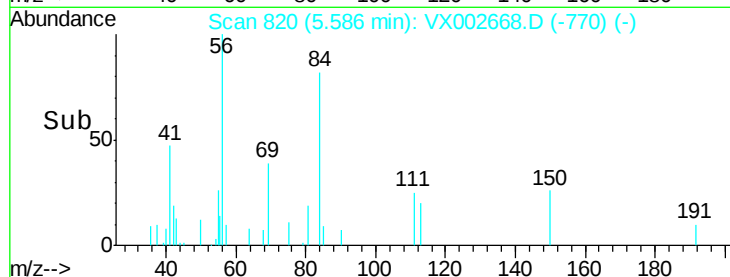
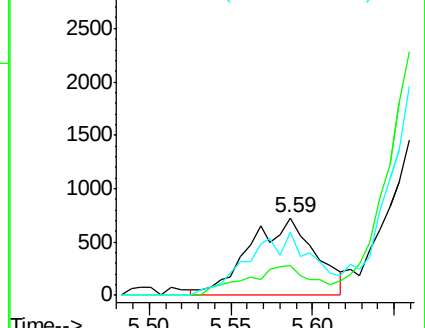
84 88.6 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.767 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002668.D

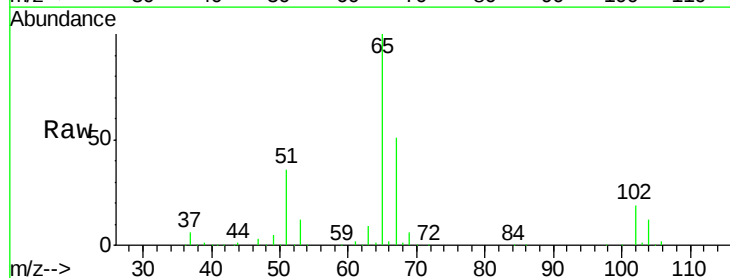
Acq: 17 Jun 2018 00:43

Tgt Ion: 65 Resp: 139116

Ion Ratio Lower Upper

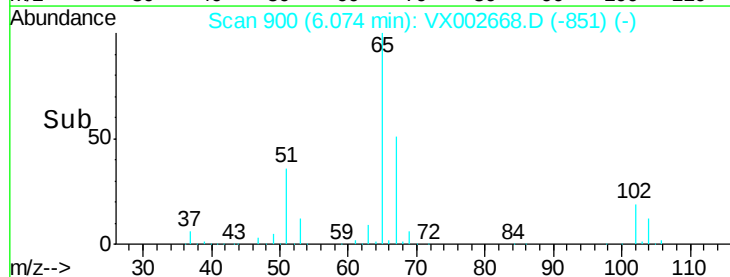
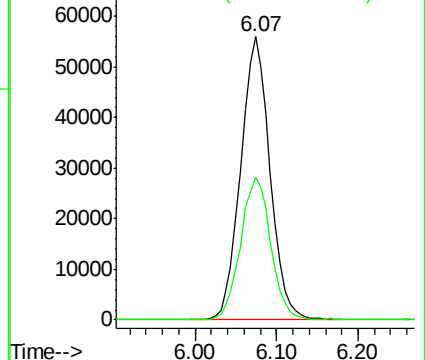
65 100

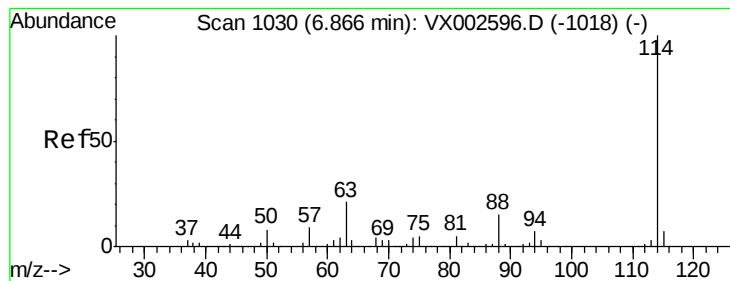
67 51.9 0.0 102.6



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# 1030

Delta R.T. 0.00 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

IDW-GW-06132018

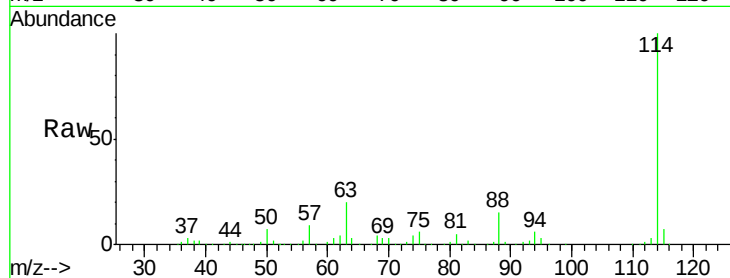
Tot Ion:114 Resp: 291609

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

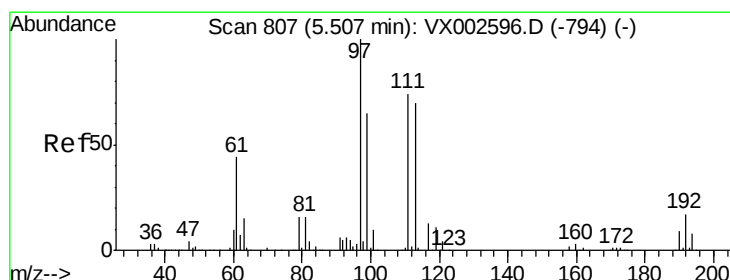
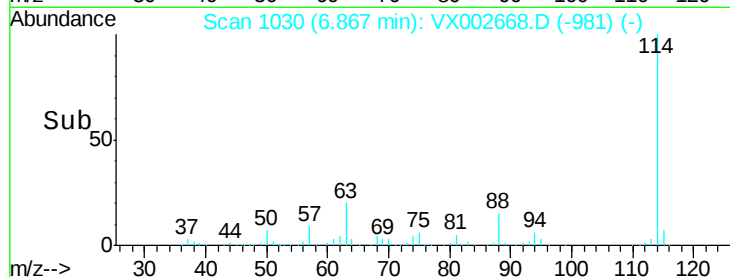
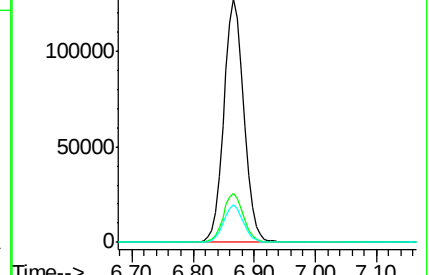
88 15.5 0.0 30.0



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: 46.727 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

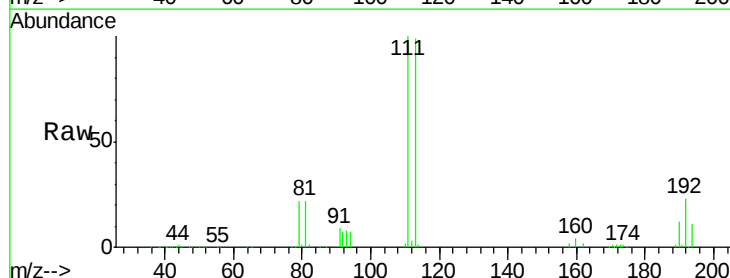
Tgt Ion:113 Resp: 108749

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

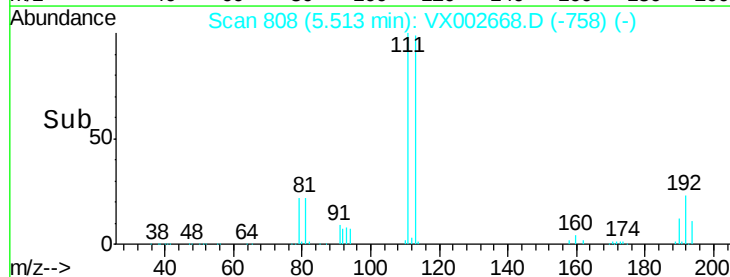
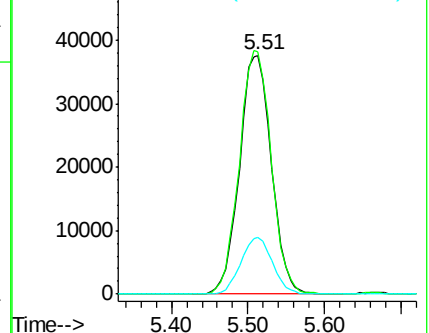
192 23.5 19.1 28.7

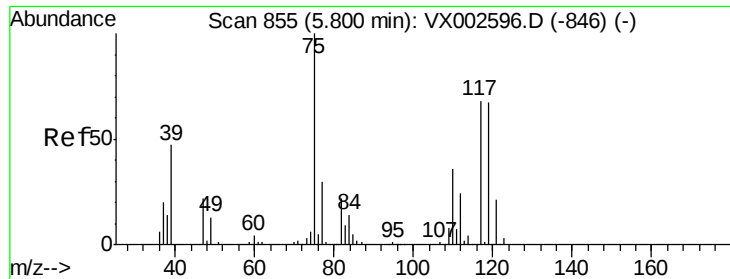


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

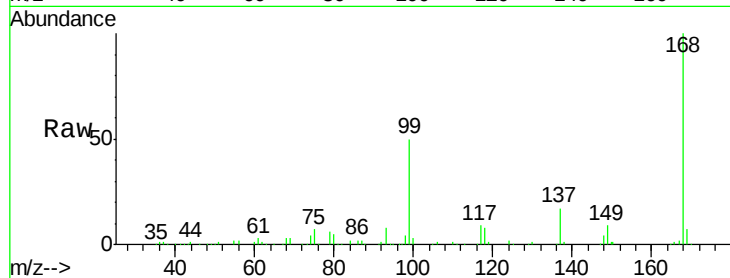




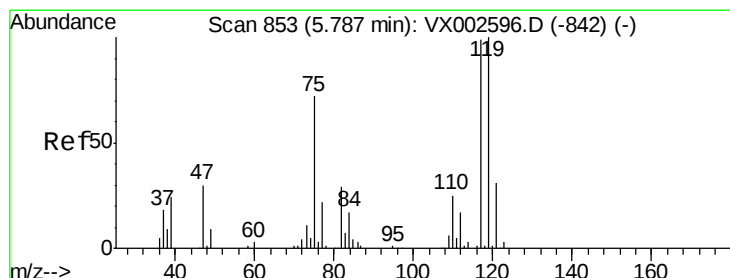
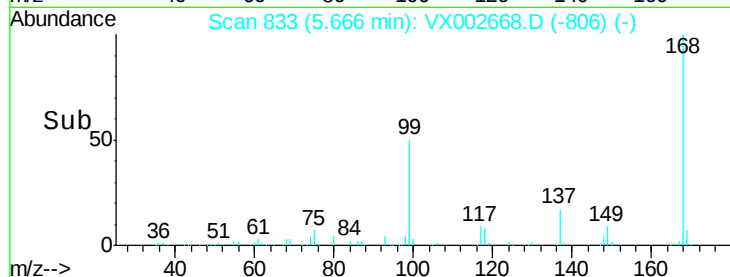
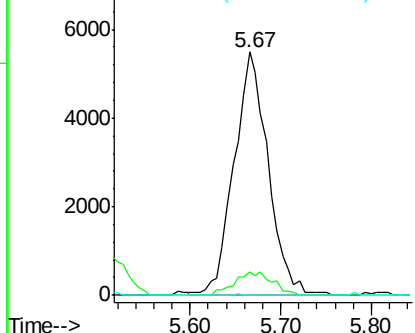
#36
 1,1-Dichloropropene
 Concen: 4.625 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX002668.D
 Acq: 17 Jun 2018 00:43

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW-06132018

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.1	24.3	36.5#

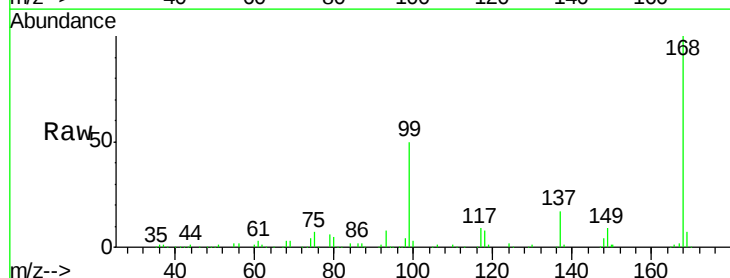


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

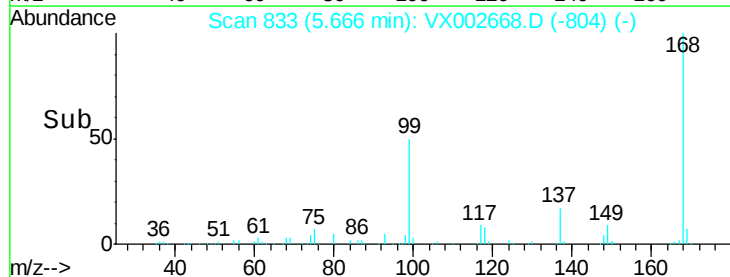
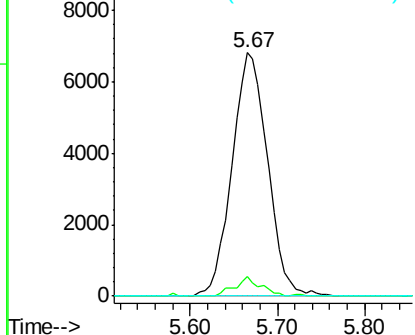


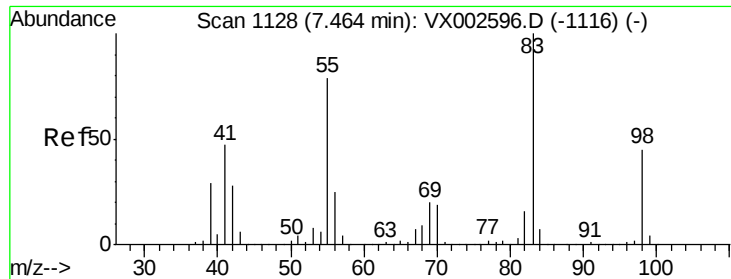
#38
 Carbon Tetrachloride
 Concen: 6.234 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002668.D
 Acq: 17 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.9	77.4	116.0#
121	0.0	24.4	36.6#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

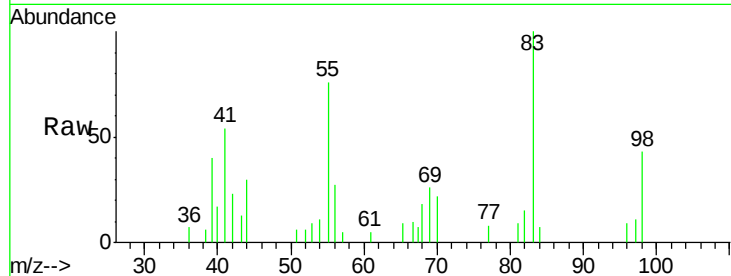




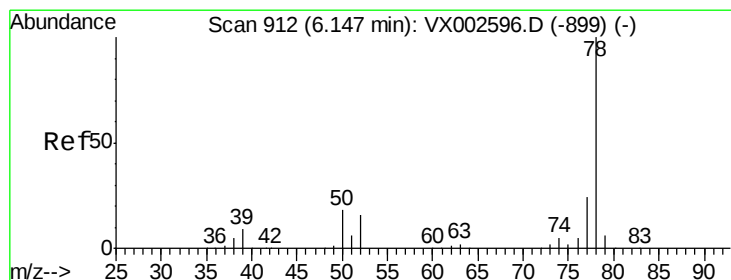
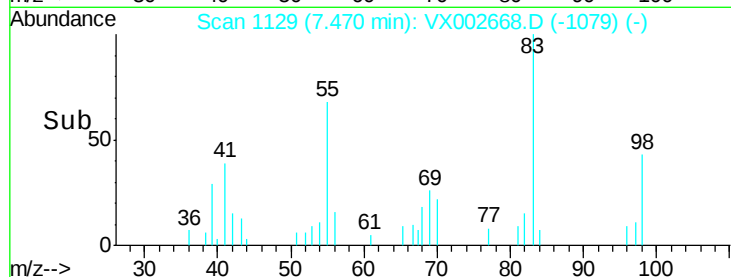
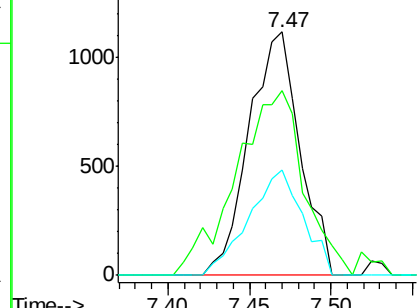
#39
Methvlcvclohexane
Concen: 0.669 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

Tot Ion: 83 Resp: 2421
Ion Ratio Lower Upper
83 100
55 69.3 65.4 98.0
98 43.2 37.4 56.0

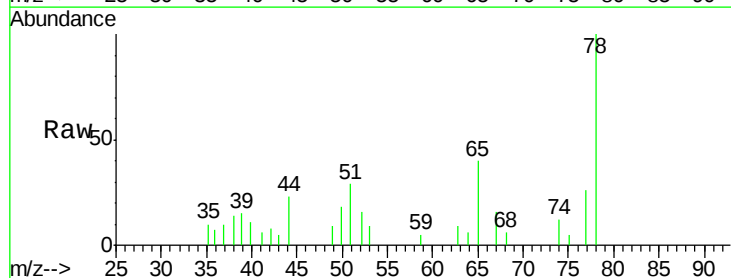


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

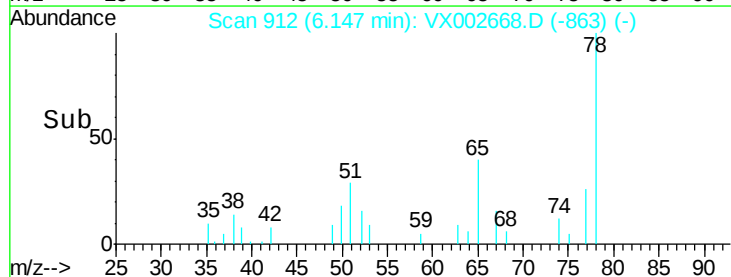
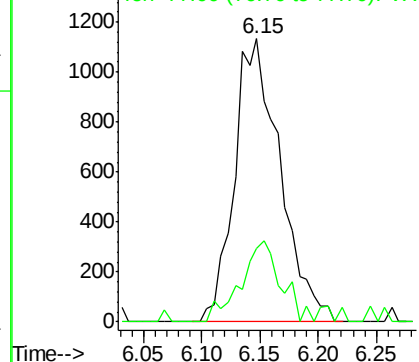


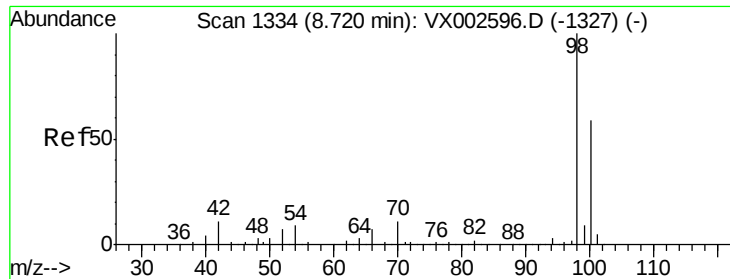
#40
Benzene
Concen: 0.332 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion: 78 Resp: 3079
Ion Ratio Lower Upper
78 100
77 25.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

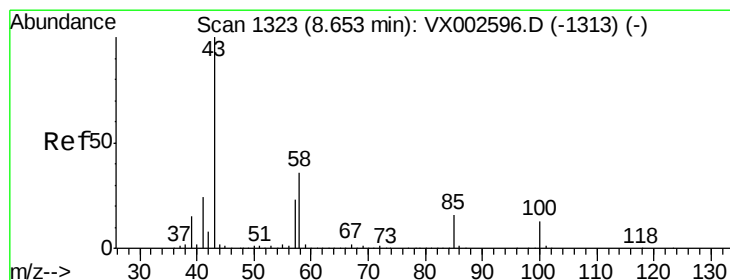
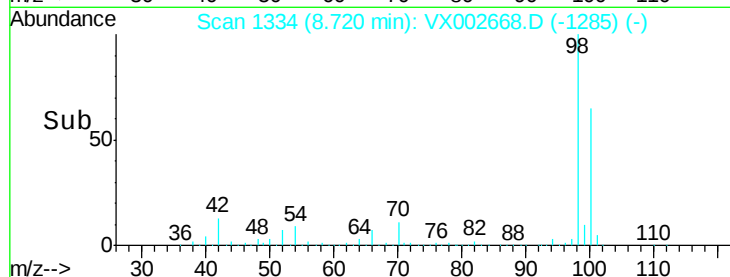
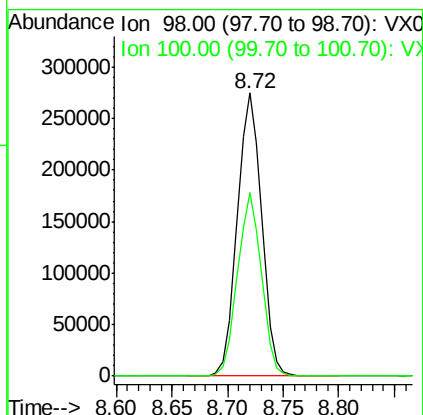
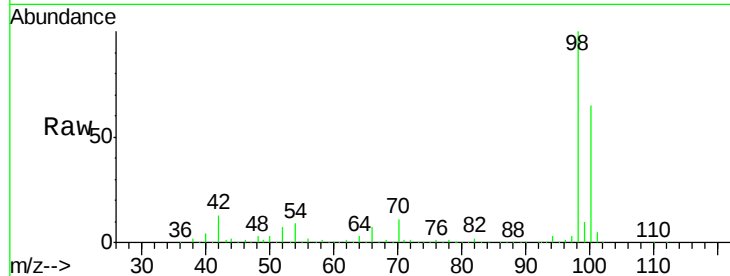




#50
Toluene-d8
Concen: 47.206 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

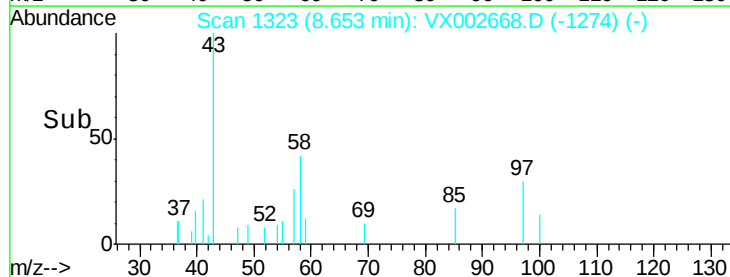
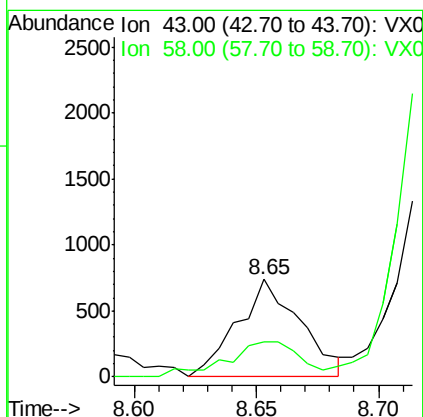
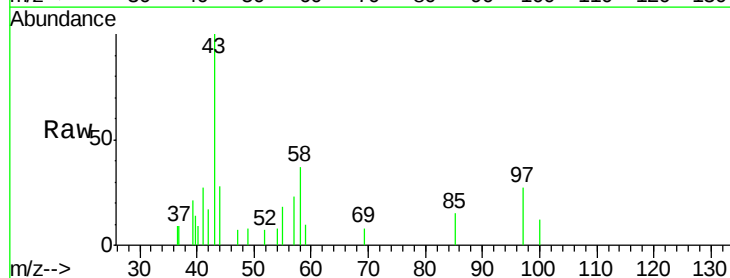
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

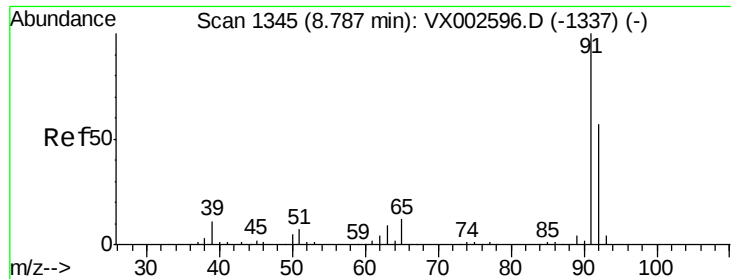
Tot Ion: 98 Resp: 417148
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.357 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 42.1 28.6 42.8





#52

Toluene

Concen: 0.247 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

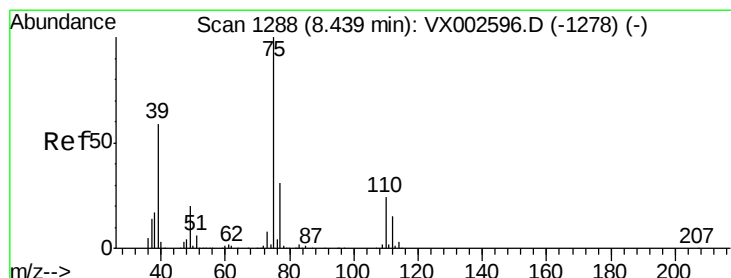
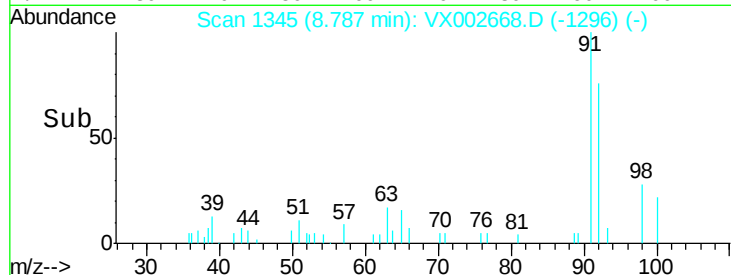
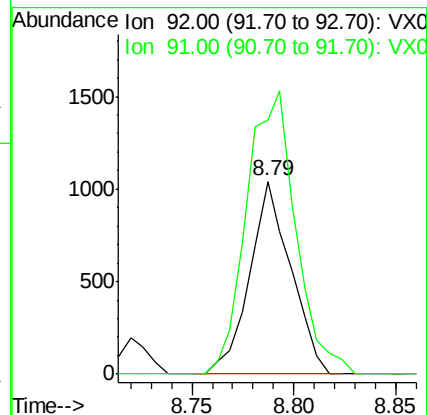
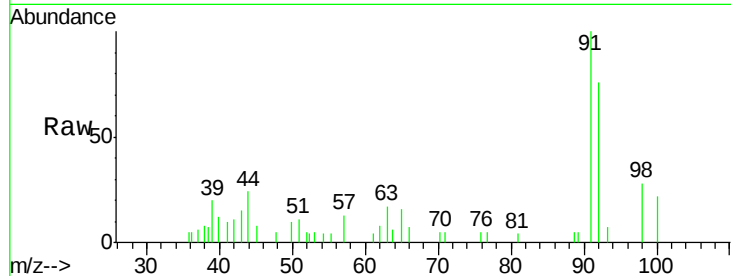
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

Tot Ion: 92 Resp: 1464

Ion Ratio Lower Upper

92 100

91 174.9 140.4 210.6



#53

t-1,3-Dichloropropene

Concen: 2.400 ug/l

RT: 8.67 min Scan# 1326

Delta R.T. 0.23 min

Lab File: VX002668.D

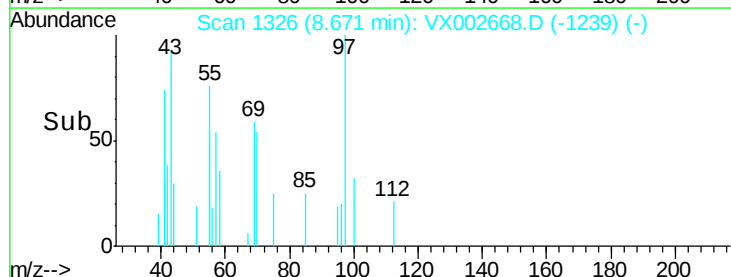
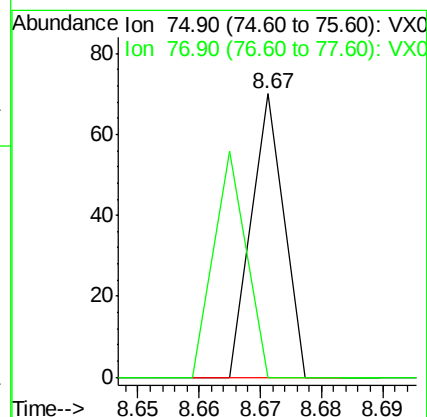
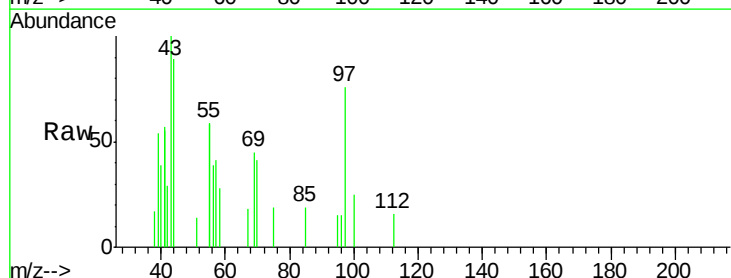
Acq: 17 Jun 2018 00:43

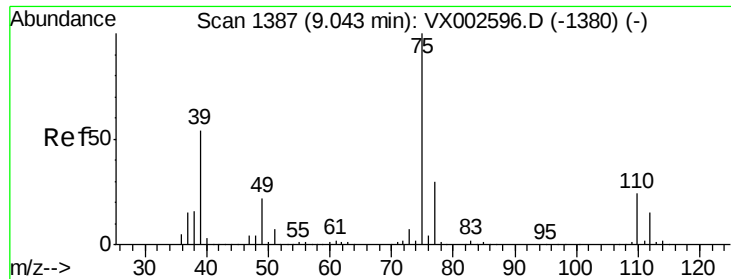
Tgt Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

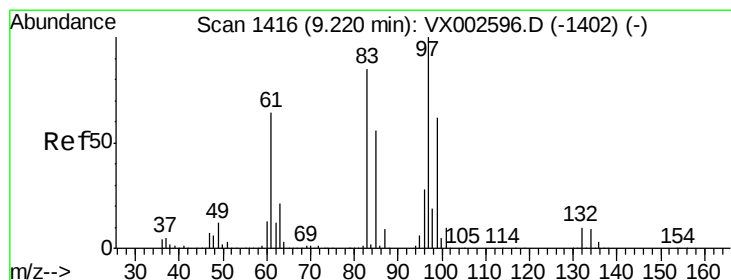
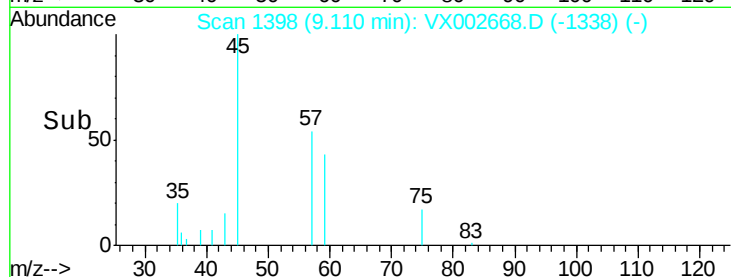
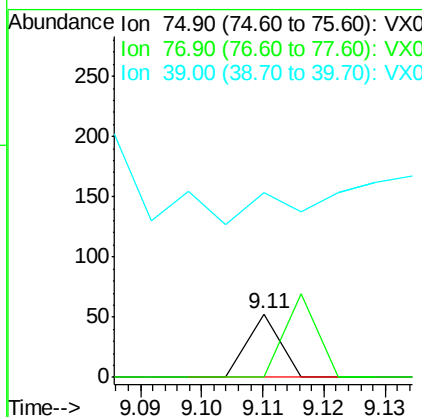
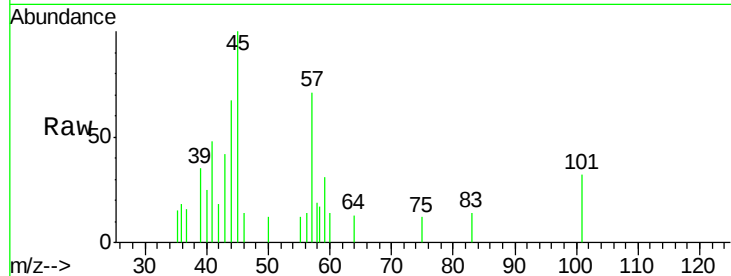




#54
 cis-1,3-Dichloropropene
 Concen: 3.217 ug/l
 RT: 9.11 min Scan# 1398
 Delta R.T. 0.07 min
 Lab File: VX002668.D
 Acq: 17 Jun 2018 00:43

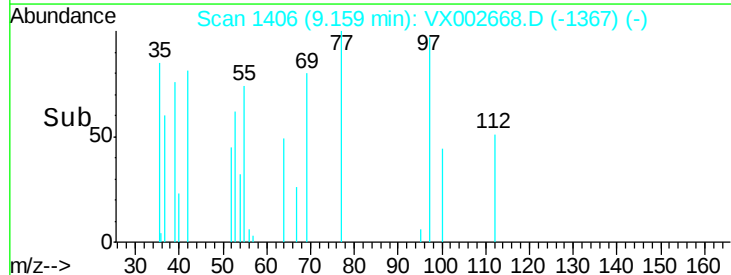
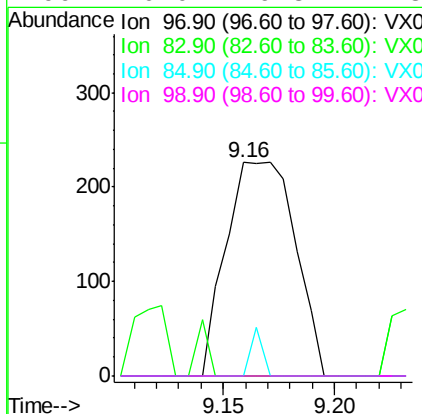
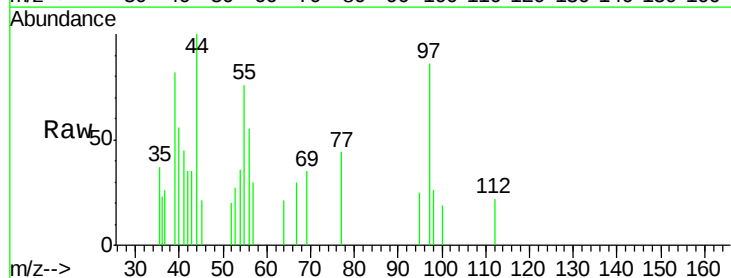
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-GW-06132018

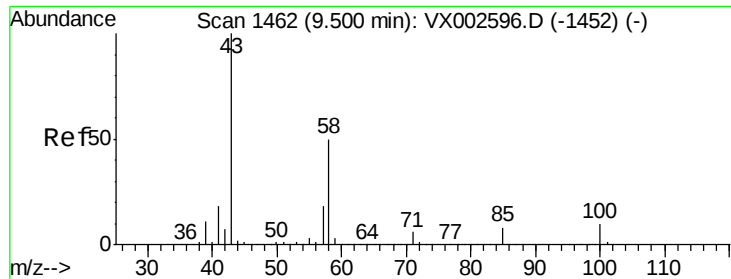
Tot Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 0.0 42.4 63.6#



#55
 1,1,2-Trichloroethane
 Concen: 0.203 ug/l
 RT: 9.16 min Scan# 1406
 Delta R.T. -0.06 min
 Lab File: VX002668.D
 Acq: 17 Jun 2018 00:43

Tgt Ion: 97 Resp: 487
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.2 105.2#
 85 0.0 44.9 67.3#
 99 0.0 49.8 74.8#

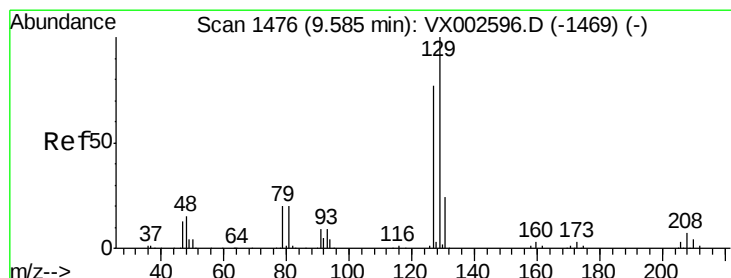
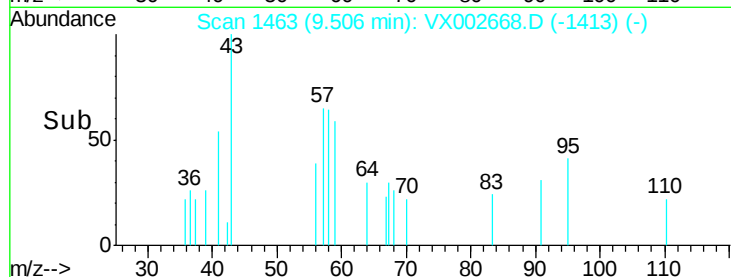
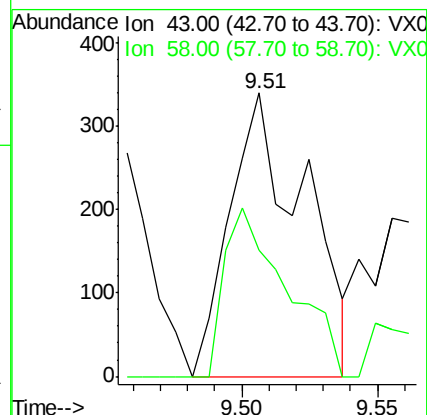
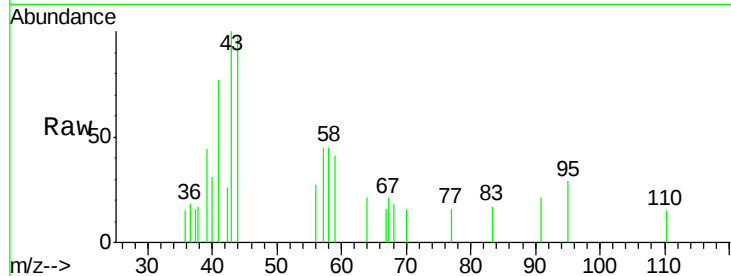




#59
2-Hexanone
Concen: 0.230 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

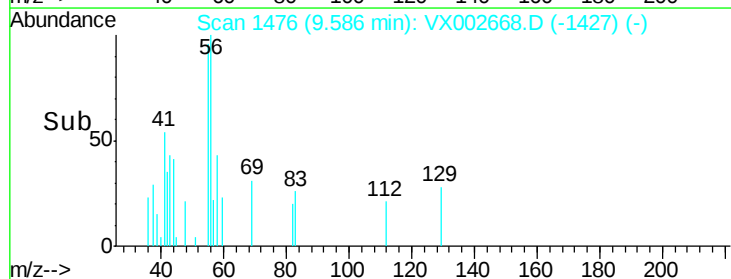
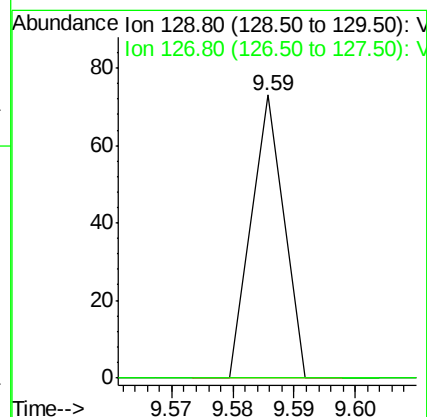
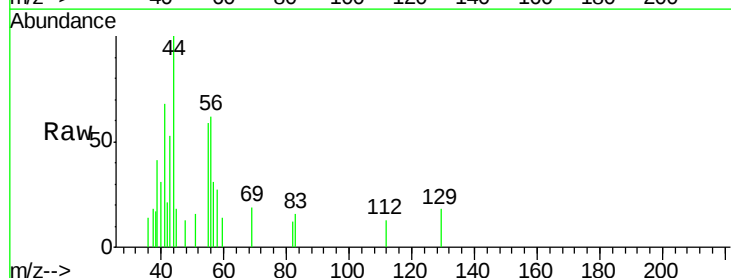
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

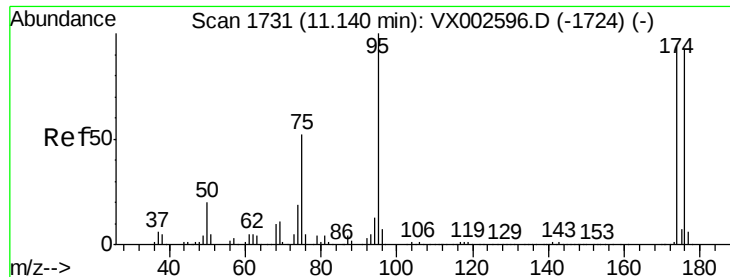
Tot Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6



#60
Dibromochloromethane
Concen: 3.770 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion: 129 Resp: 27
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

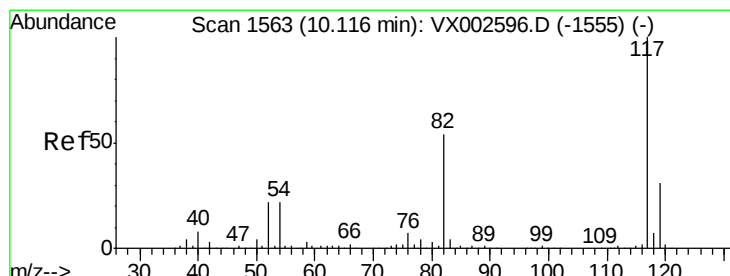
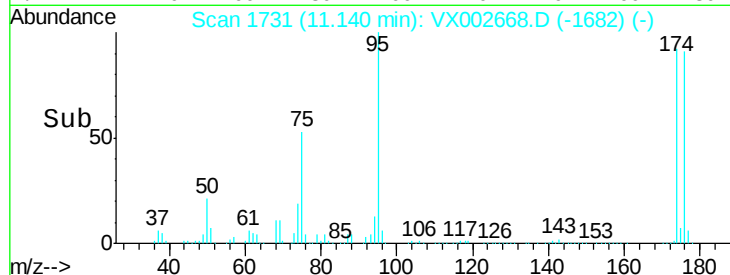
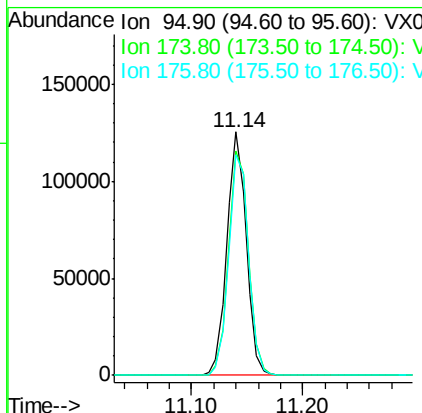
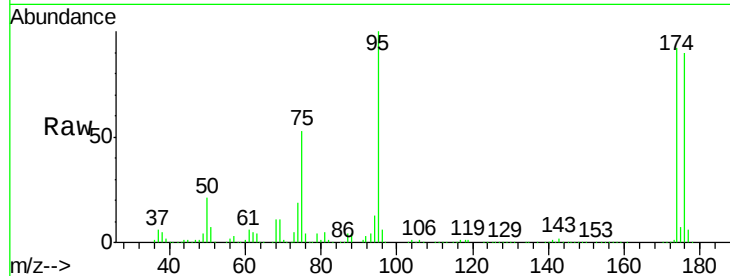




#62
4-Bromofluorobenzene
Concen: 45.063 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

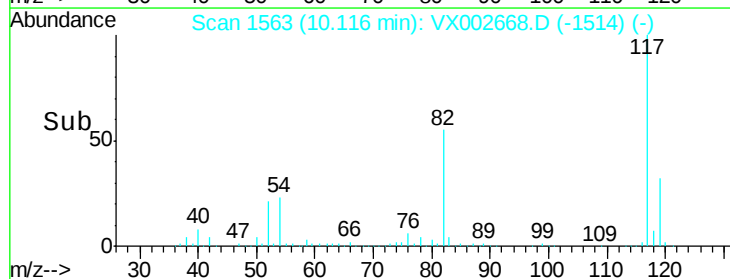
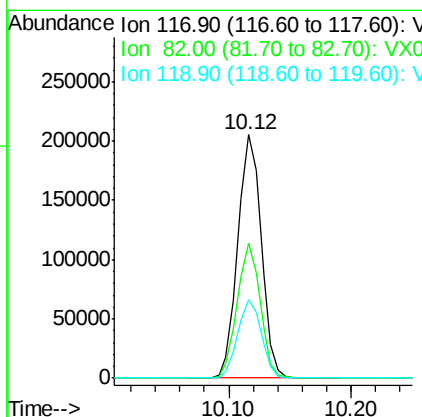
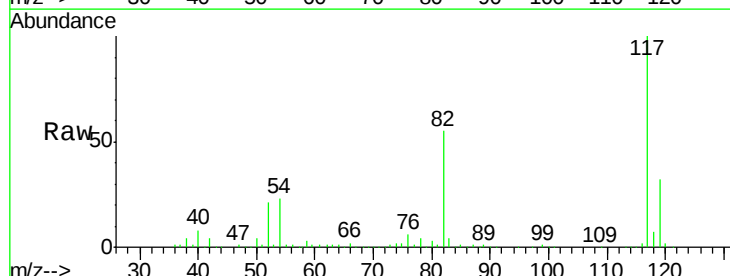
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

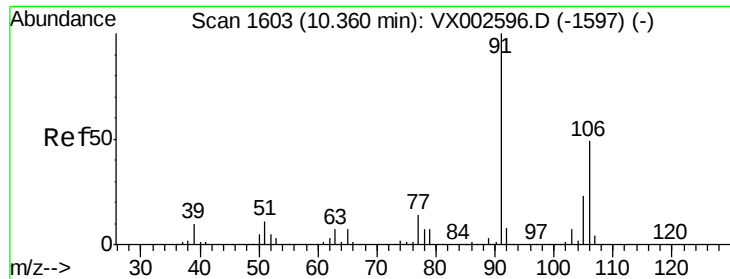
Tot Ion: 95 Resp: 150895
Ion Ratio Lower Upper
95 100
174 95.4 0.0 187.4
176 93.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion: 117 Resp: 272140
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.2 25.8 38.6

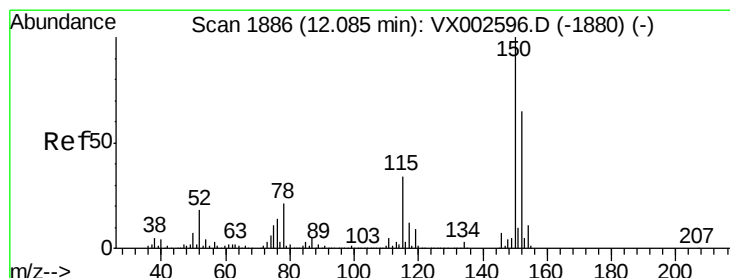
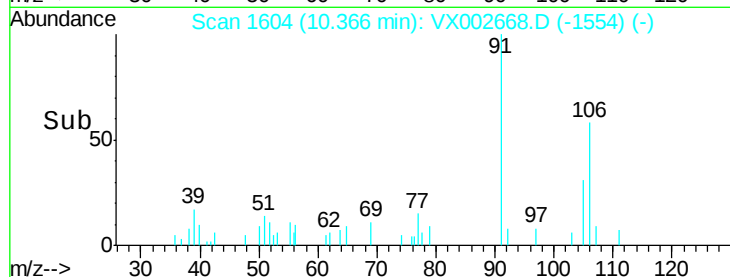
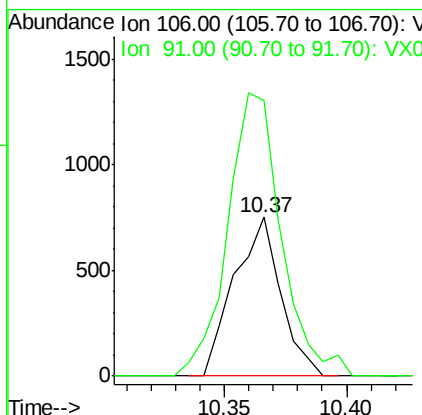
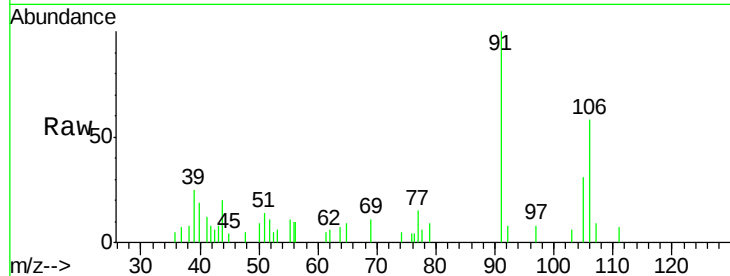




#68
m/p-Xvlenes
Concen: 0.229 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

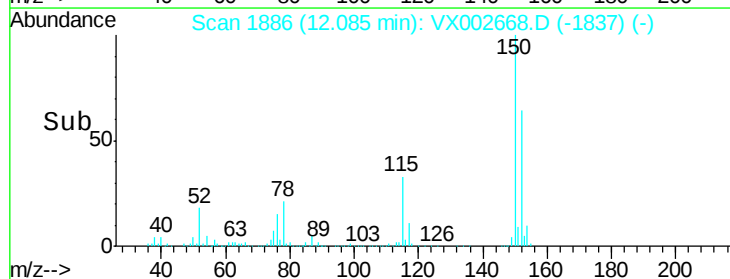
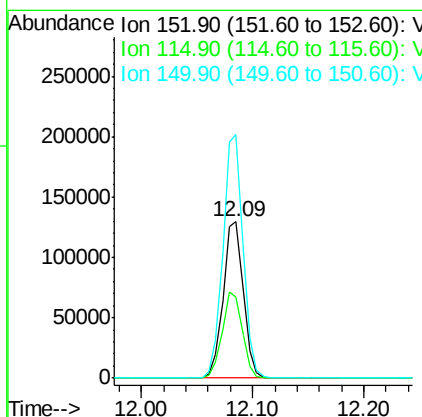
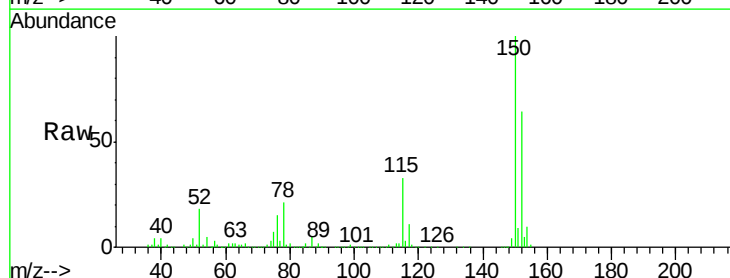
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

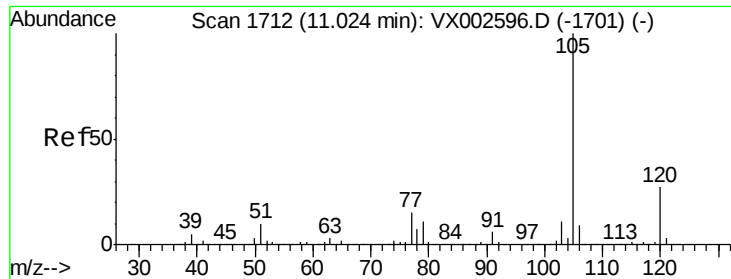
Tot Ion:106 Resp: 995
Ion Ratio Lower Upper
106 100
91 205.2 163.4 245.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion:152 Resp: 161870
Ion Ratio Lower Upper
152 100
115 54.7 40.1 120.2
150 154.8 0.0 347.2





#73

Isopropylbenzene

Concen: 0.369 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

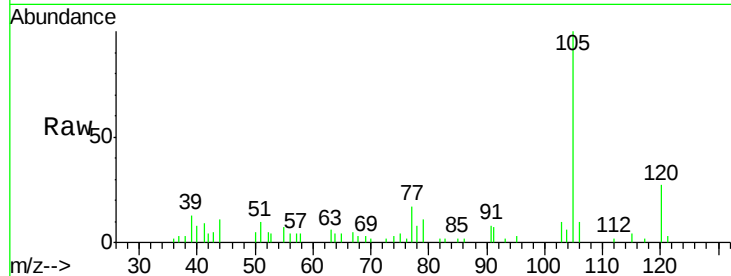
IDW-GW-06132018

Tot Ion:105 Resp: 3997

Ion Ratio Lower Upper

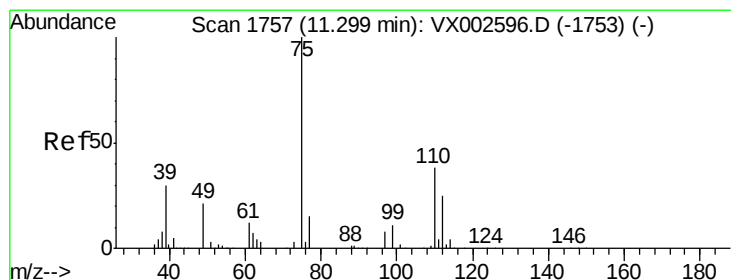
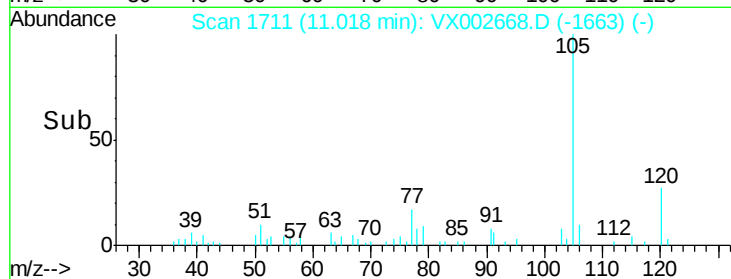
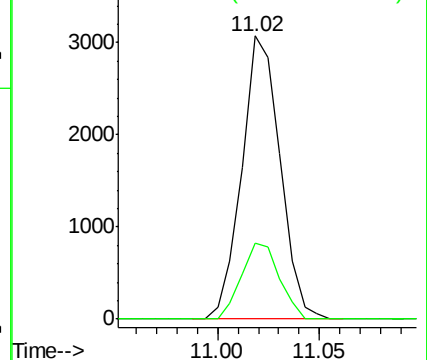
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 26.097 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002668.D

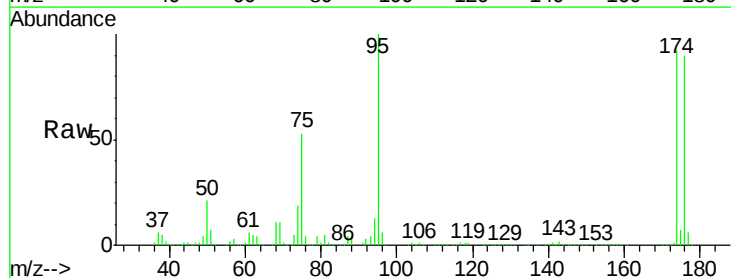
Acq: 17 Jun 2018 00:43

Tgt Ion: 75 Resp: 79713

Ion Ratio Lower Upper

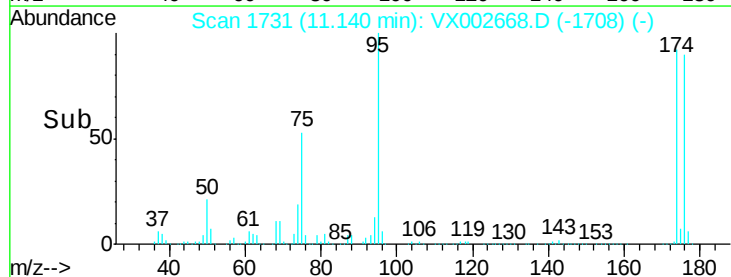
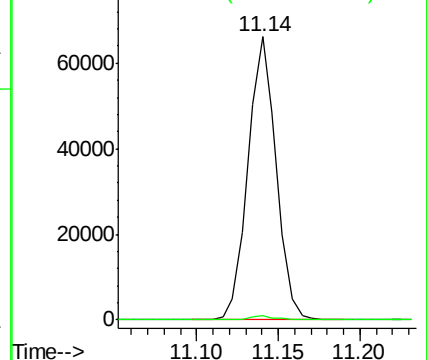
75 100

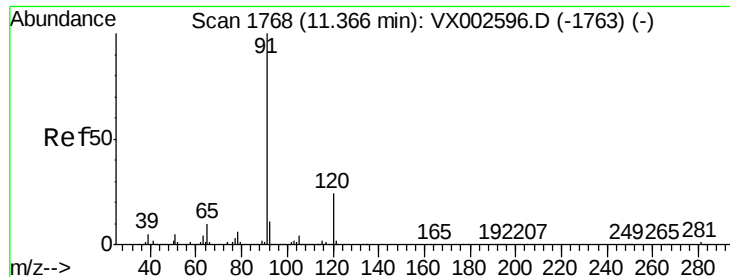
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.362 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

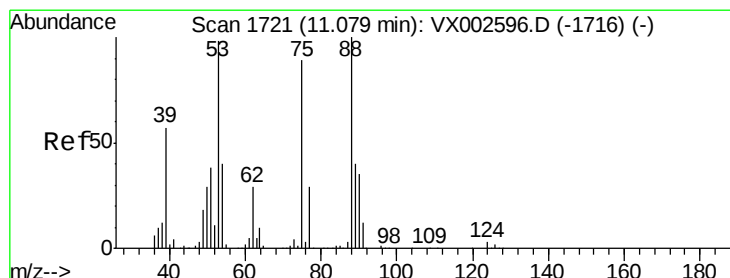
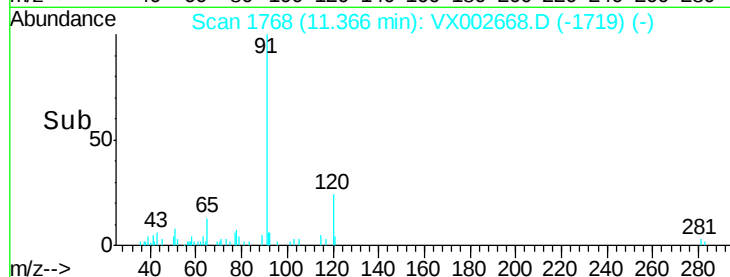
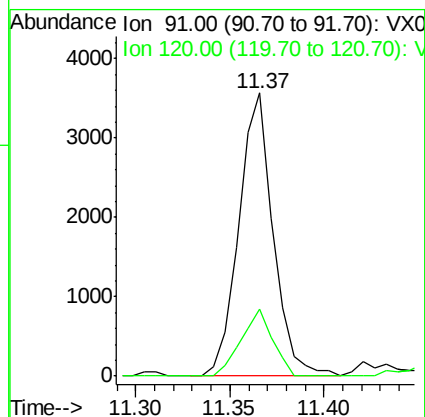
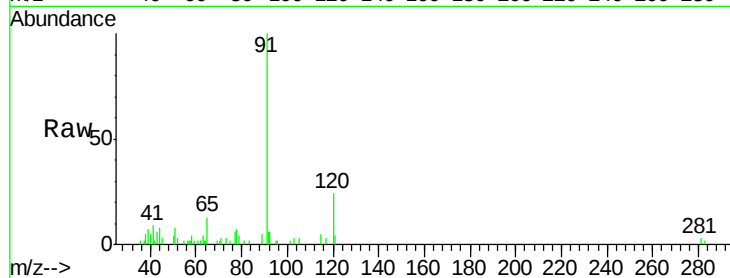
IDW-GW-06132018

Tot Ion: 91 Resp: 4499

Ion Ratio Lower Upper

91 100

120 21.6 11.8 35.4



#81

trans-1,4-Dichloro-2-butene

Concen: 80.702 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

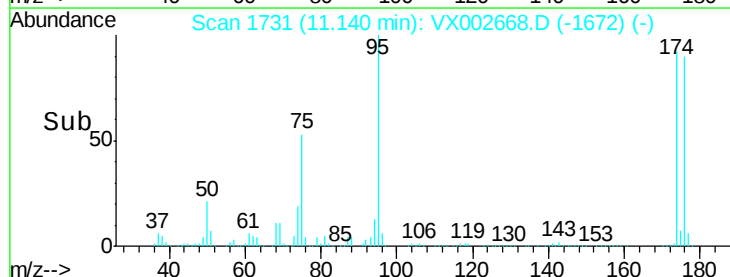
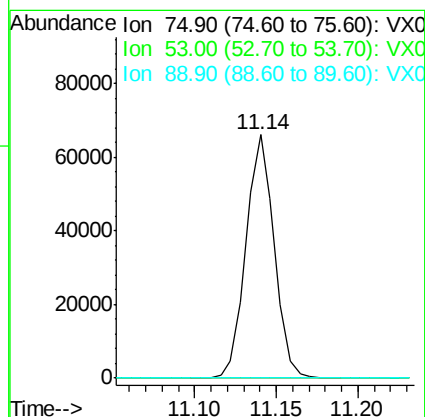
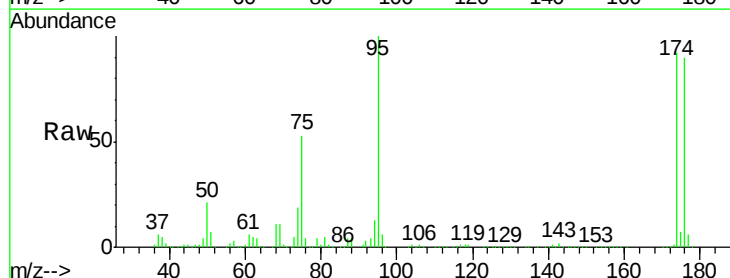
Tgt Ion: 75 Resp: 79713

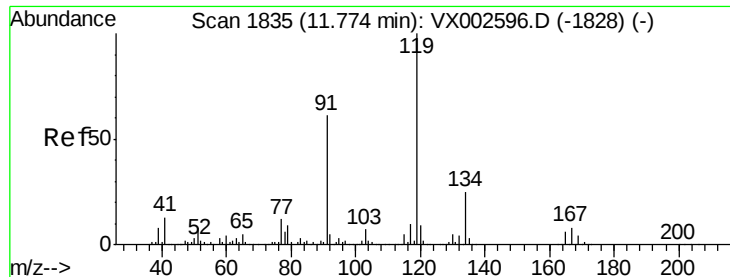
Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

89 0.0 38.2 57.2#

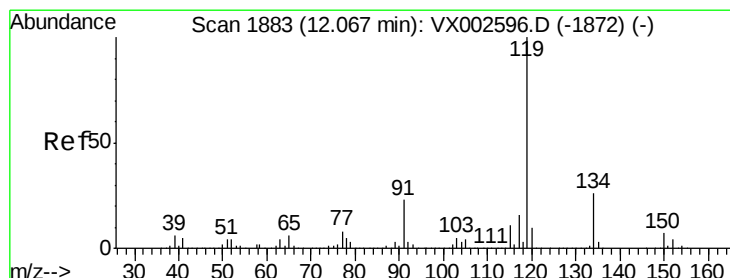
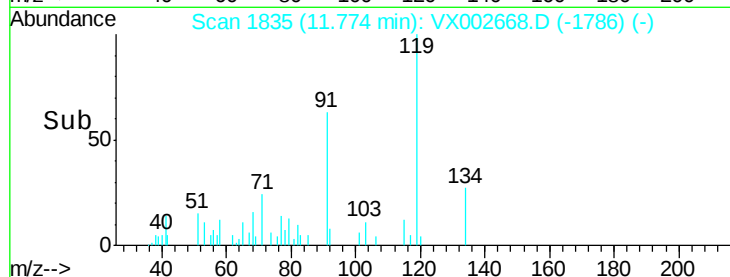
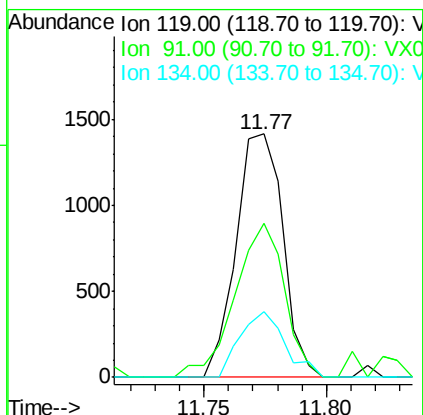
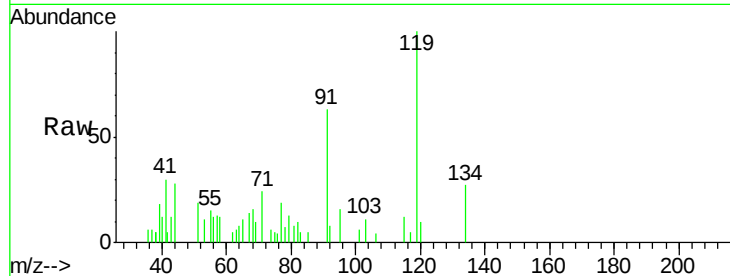




#83
tert-Butylbenzene
Concen: 0.213 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

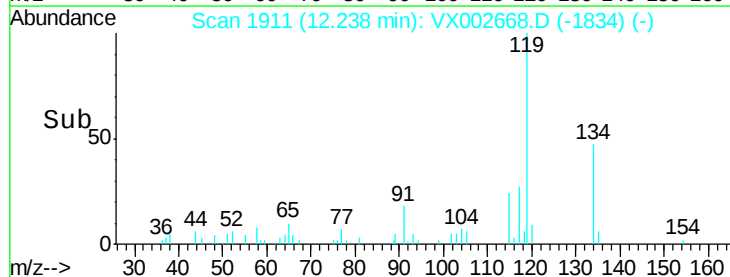
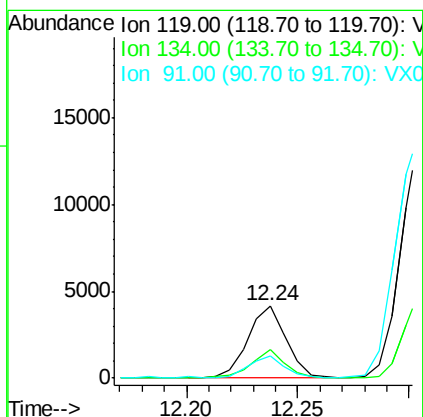
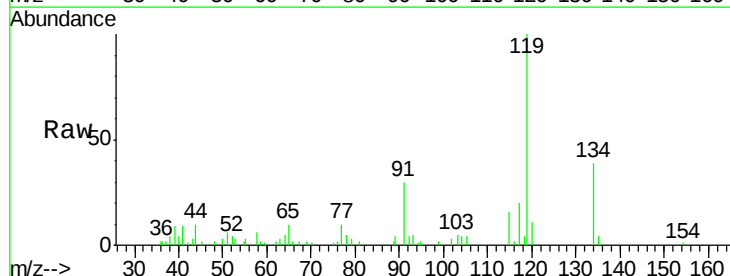
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

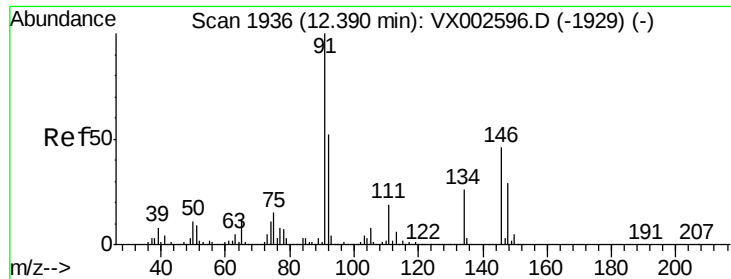
Tot Ion:119 Resp: 1878
Ion Ratio Lower Upper
119 100
91 67.1 30.3 90.9
134 25.9 11.7 35.1



#86
p-Isopropyltoluene
Concen: 0.505 ug/l
RT: 12.24 min Scan# 1911
Delta R.T. 0.17 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion:119 Resp: 5005
Ion Ratio Lower Upper
119 100
134 34.5 13.4 40.1
91 29.3 11.9 35.7

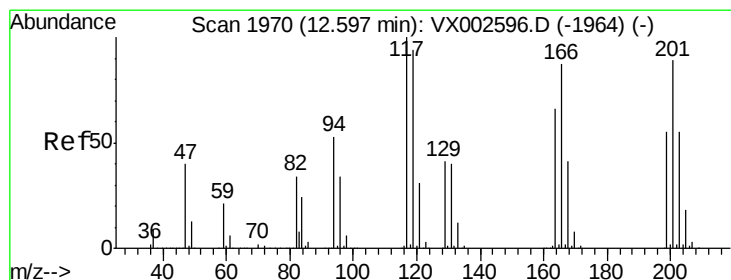
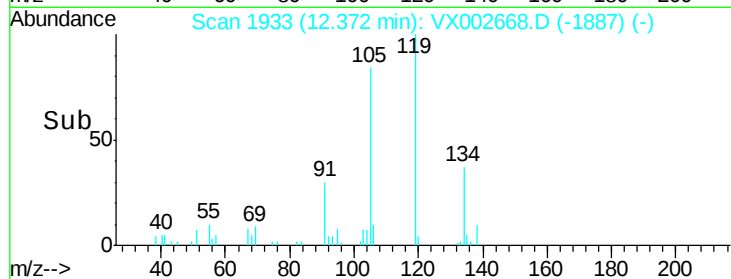
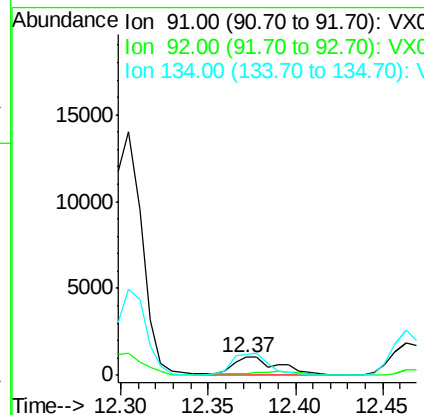
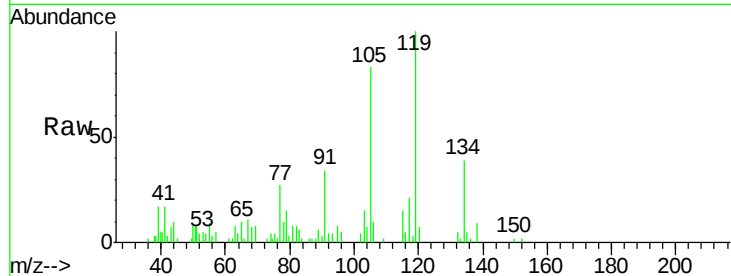




#89
n-Butylbenzene
Concen: 0.232 ug/l
RT: 12.37 min Scan# 1933
Delta R.T. -0.02 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

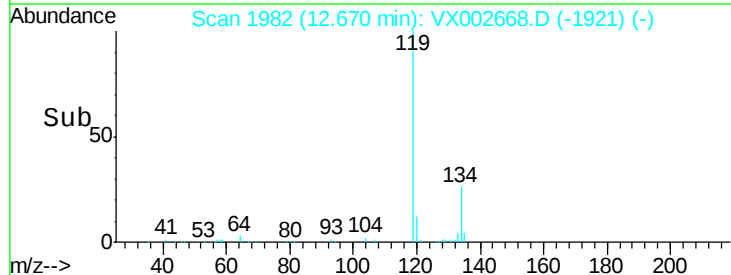
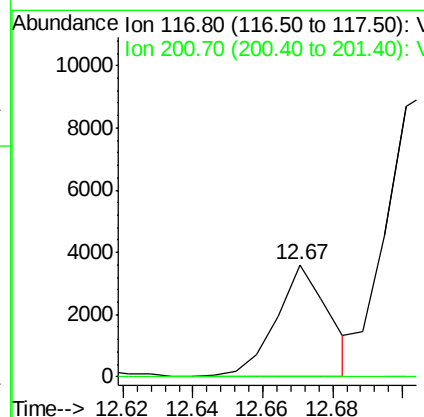
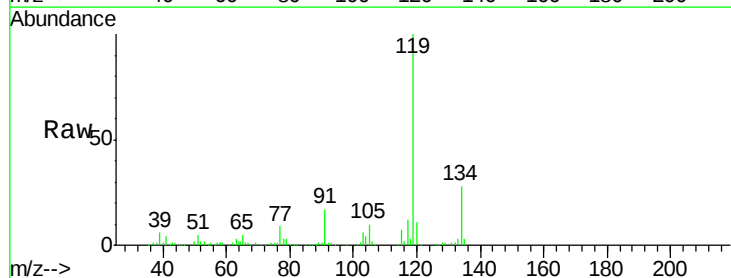
Instrument :
MSVOA_X
ClientSampleId :
IDW-GW-06132018

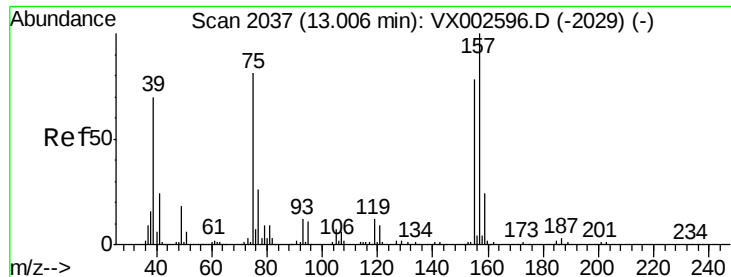
Tot Ion: 91 Resp: 2029
Ion Ratio Lower Upper
91 100
92 26.3 26.0 78.0
134 92.9 13.5 40.5#



#90
Hexachloroethane
Concen: 4.959 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002668.D
Acq: 17 Jun 2018 00:43

Tgt Ion: 117 Resp: 3808
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.436 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

IDW-GW-06132018

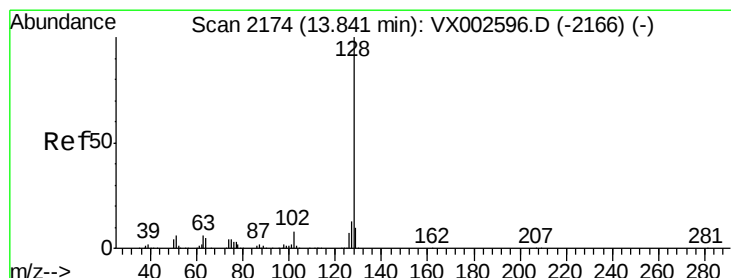
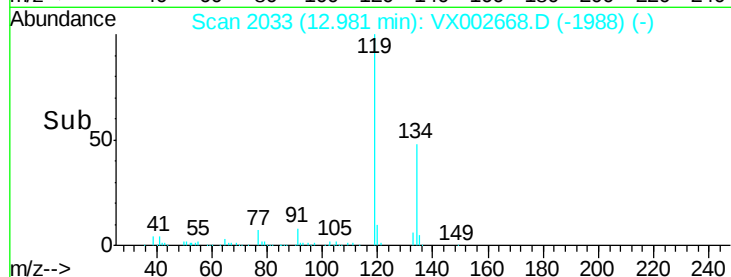
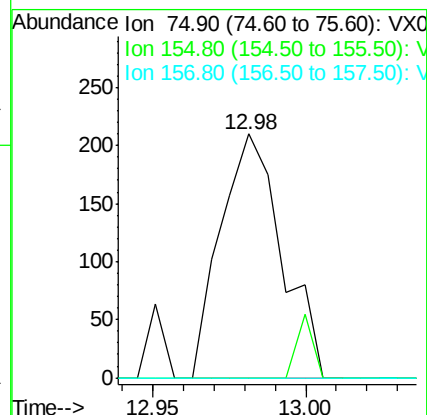
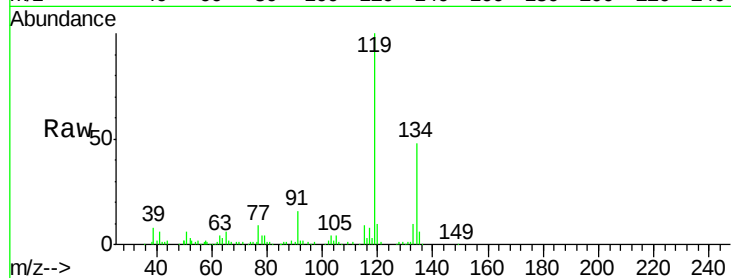
Tot Ion: 75 Resp: 292

Ion Ratio Lower Upper

75 100

155 6.8 45.8 137.4#

157 0.0 60.1 180.3#



#95

Naphthalene

Concen: 0.407 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX002668.D

Acq: 17 Jun 2018 00:43

Tgt Ion: 128 Resp: 4424

Ion Ratio Lower Upper

128 100

127 16.2 10.4 15.6#

129 18.2 8.6 13.0#

