

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002645.D
 Acq On : 16 Jun 2018 13:49
 Operator : JC/MD
 Sample : J3477-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0139

Quant Time: Jun 18 06:12:04 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	207993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	294974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162215	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	140739	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	
35) Dibromofluoromethane	5.51	113	109389	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
50) Toluene-d8	8.72	98	424637	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.14	95	149786	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	536	0.20	ug/l #	78
4) Vinyl Chloride	1.41	62	31144	11.43	ug/l #	79
5) Bromomethane	1.65	94	899	0.55	ug/l #	66
10) Methyl Iodide	2.53	142	1146	5.49	ug/l #	92
11) Tert butyl alcohol	3.07	59	884	1.35	ug/l #	94
13) Acrolein	2.28	56	115	7.23	ug/l #	1
16) Acetone	2.45	43	11722	8.41	ug/l	97
18) Methyl Acetate	2.79	43	1366	0.37	ug/l #	82
21) trans-1,2-Dichloroethene	3.17	96	12638	5.01	ug/l	92
25) 2-Butanone	4.73	43	652	0.36	ug/l #	74
27) cis-1,2-Dichloroethene	4.61	96	13993	5.45	ug/l	95
29) Tetrahydrofuran	5.17	42	871	0.73	ug/l #	72
31) Cyclohexane	5.58	56	1798	0.48	ug/l #	92
36) 1,1-Dichloropropene	5.67	75	14604	4.66	ug/l #	52
37) Ethyl Acetate	4.86	43	1470	0.41	ug/l #	72
38) Carbon Tetrachloride	5.67	117	19185	6.15	ug/l #	15
39) Methylcyclohexane	7.46	83	1191	0.33	ug/l	86
40) Benzene	6.15	78	83431	8.88	ug/l	98
52) Toluene	8.79	92	1356	0.23	ug/l	98
53) t-1,3-Dichloropropene	8.63	75	23	2.40	ug/l #	6
54) cis-1,3-Dichloropropene	9.04	75	23	3.22	ug/l #	32
60) Dibromochloromethane	9.34	129	42	3.77	ug/l #	11
65) Chlorobenzene	10.14	112	586675	85.69	ug/l	99
67) Ethyl Benzene	10.26	91	37680	3.26	ug/l	100
68) m/p-Xylenes	10.37	106	1137	0.26	ug/l	93
73) Isopropylbenzene	11.02	105	5315	0.49	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	81245	26.54	ug/l #	33
78) n-propylbenzene	11.37	91	4353	0.35	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.14	75	81245	82.01	ug/l #	7
85) sec-Butylbenzene	11.95	105	3202	0.29	ug/l	80
86) p-Isopropyltoluene	12.24	119	2363	0.24	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	3593	0.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	14394	2.55	ug/l	88
90) Hexachloroethane	12.71	117	1460	3.52	ug/l #	1

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QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

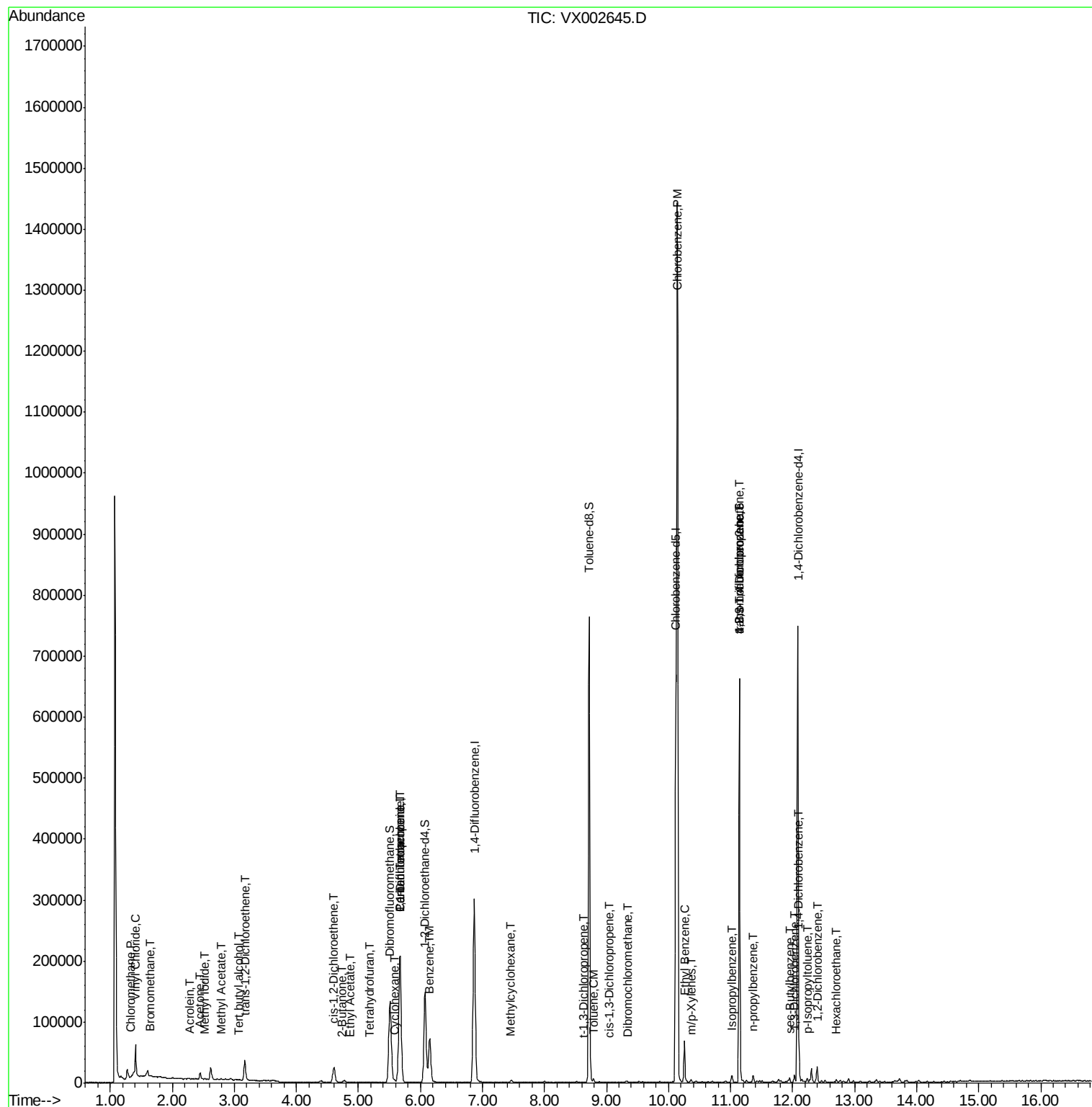
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.40	146	6811	1.22	ug/l	99

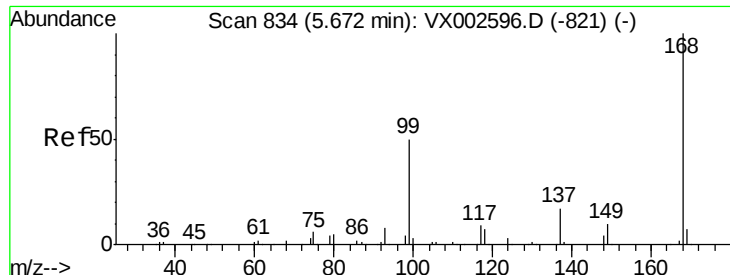
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061518\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

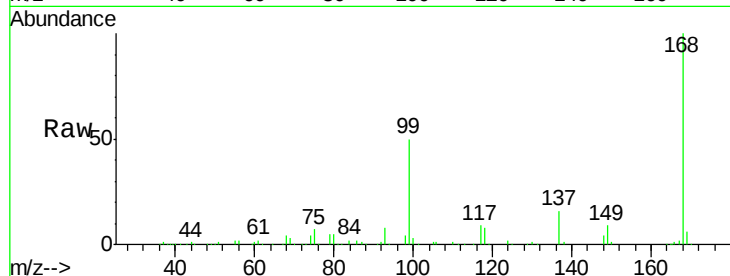
S36-0139

Tot Ion:168 Resp: 207993

Ion Ratio Lower Upper

168 100

99 49.7 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

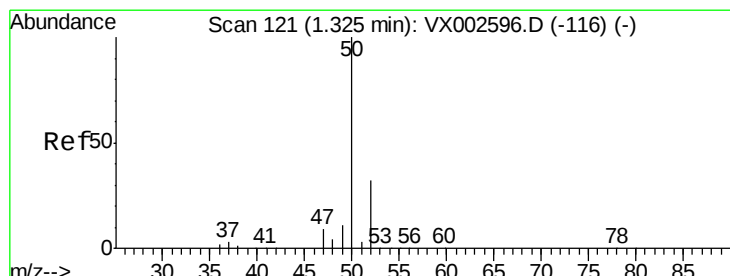
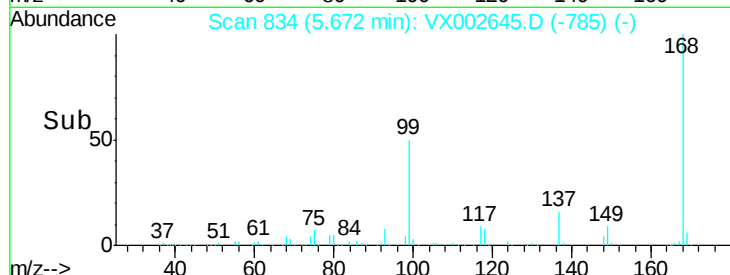
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.20 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002645.D

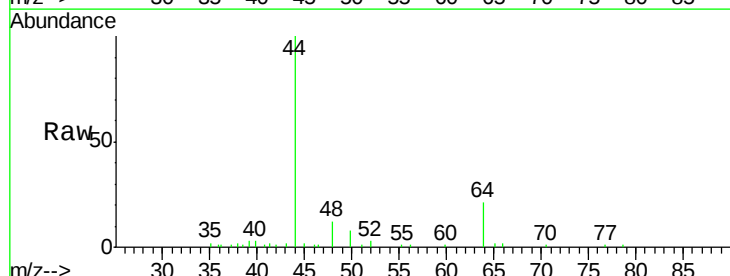
Acq: 16 Jun 2018 13:49

Tgt Ion: 50 Resp: 536

Ion Ratio Lower Upper

50 100

52 44.3 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

500

400

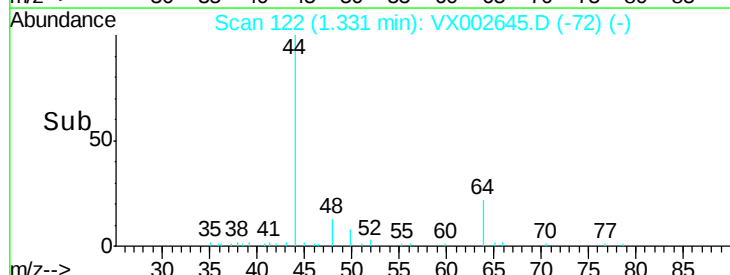
300

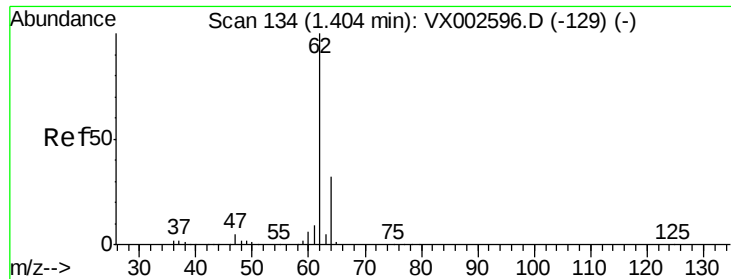
200

100

0

Time--> 1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 11.43 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

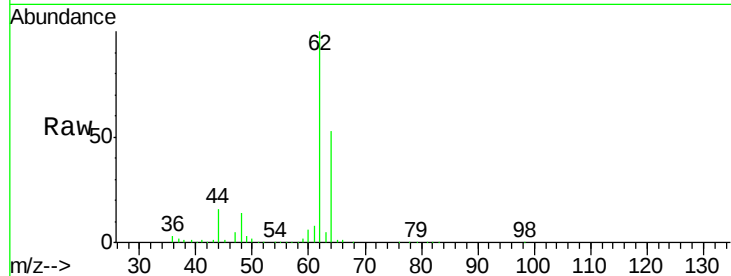
S36-0139

Tot Ion: 62 Resp: 31144

Ion Ratio Lower Upper

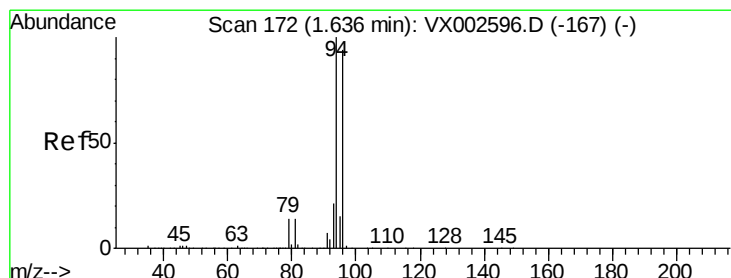
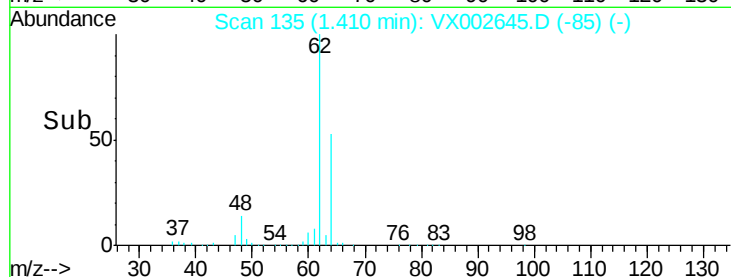
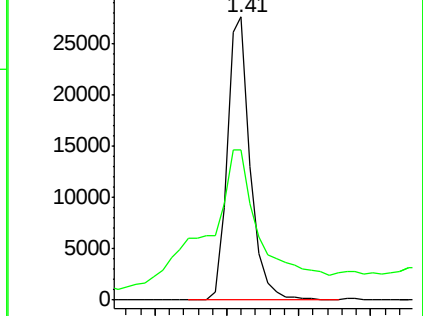
62 100

64 43.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.55 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002645.D

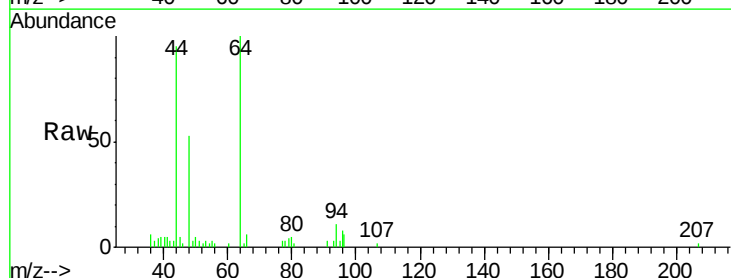
Acq: 16 Jun 2018 13:49

Tgt Ion: 94 Resp: 899

Ion Ratio Lower Upper

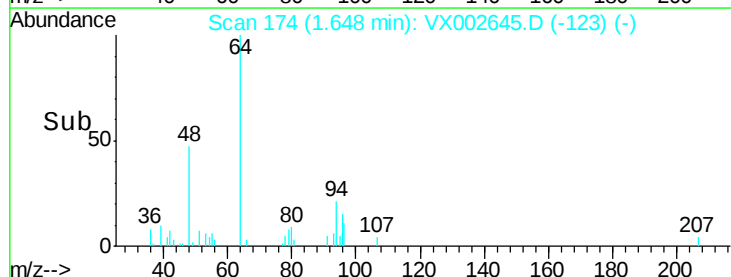
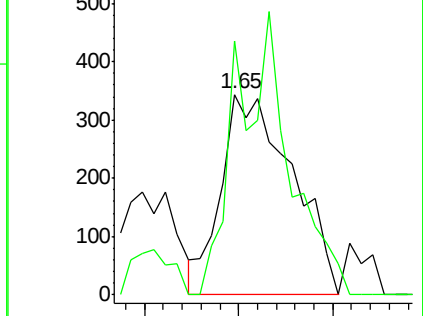
94 100

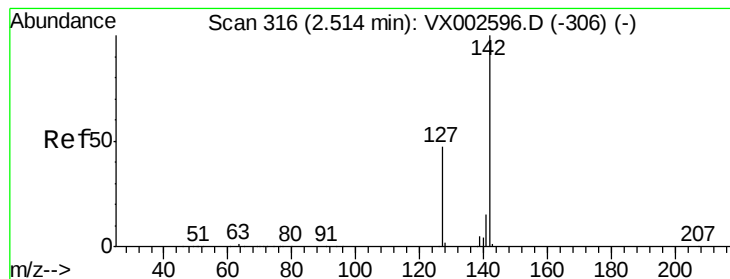
96 126.5 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methvl Iodide

Concen: 5.49 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

S36-0139

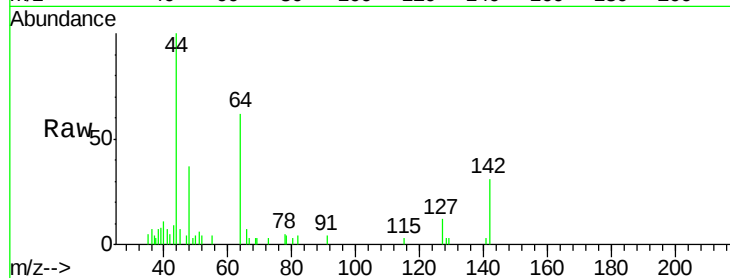
Tot Ion:142 Resp: 1146

Ion Ratio Lower Upper

142 100

127 50.8 36.6 55.0

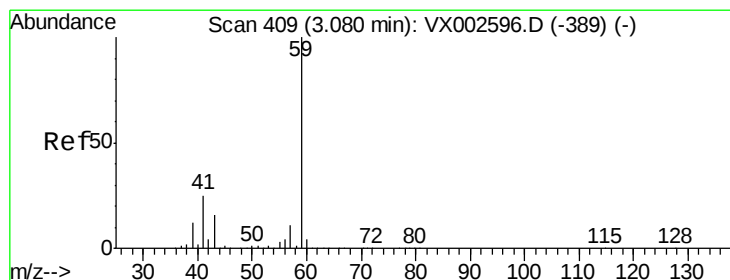
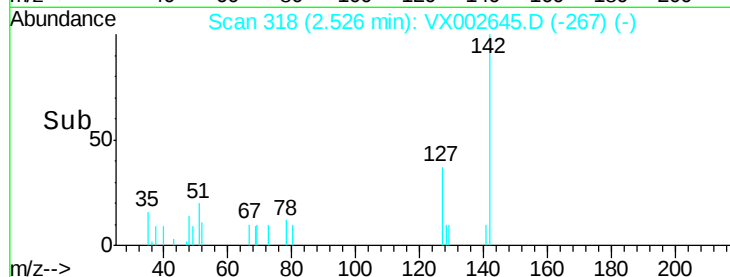
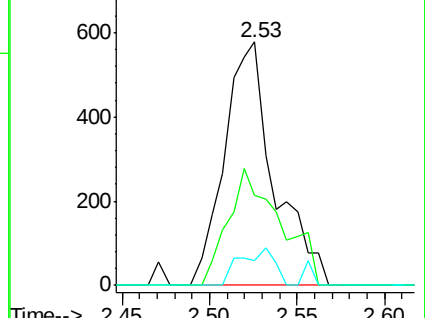
141 10.6 11.3 16.9#



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



#11

Tert butyl alcohol

Concen: 1.35 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.01 min

Lab File: VX002645.D

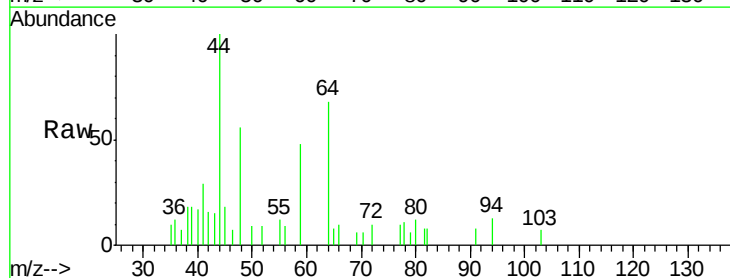
Acq: 16 Jun 2018 13:49

Tgt Ion: 59 Resp: 884

Ion Ratio Lower Upper

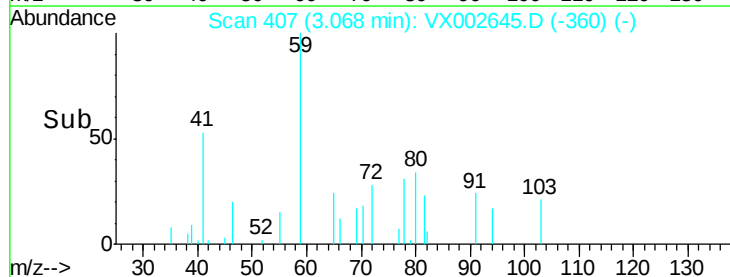
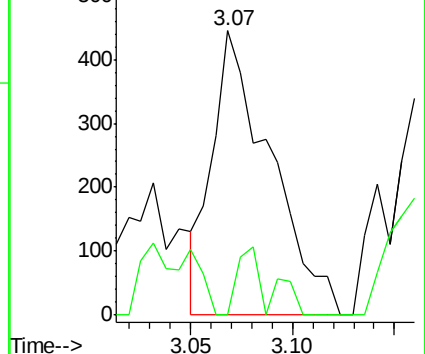
59 100

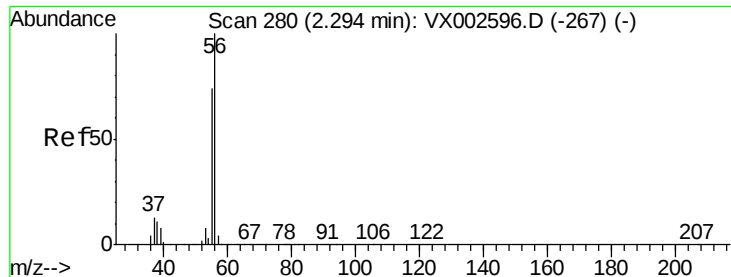
57 12.6 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 7.23 ug/l

RT: 2.28 min Scan# 277

Delta R.T. -0.02 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

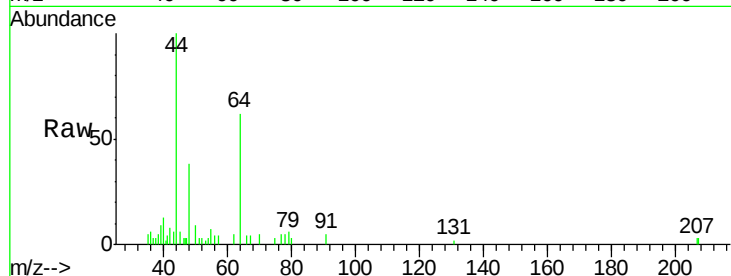
S36-0139

Tot Ion: 56 Resp: 115

Ion Ratio Lower Upper

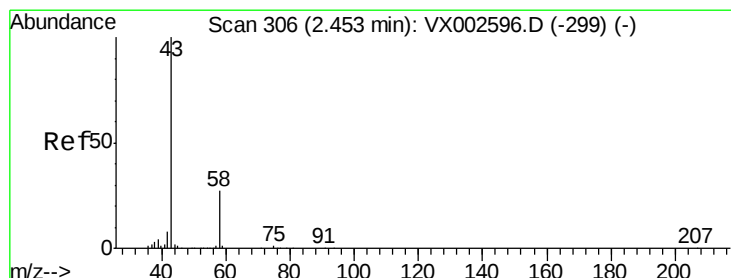
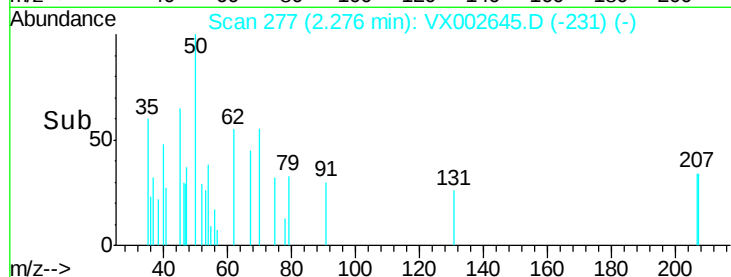
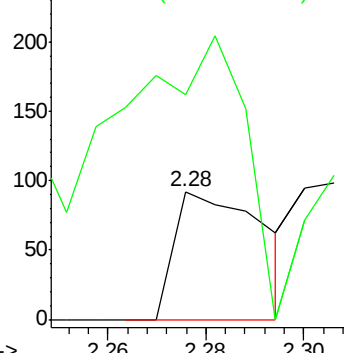
56 100

55 433.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 8.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002645.D

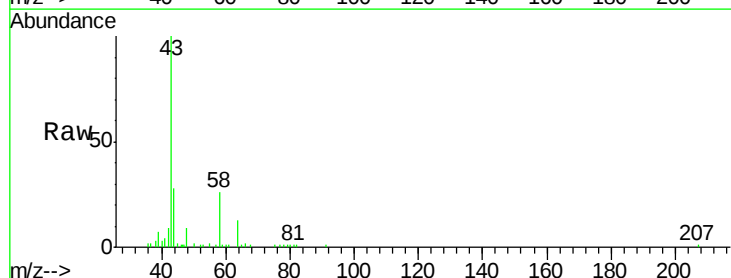
Acq: 16 Jun 2018 13:49

Tgt Ion: 43 Resp: 11722

Ion Ratio Lower Upper

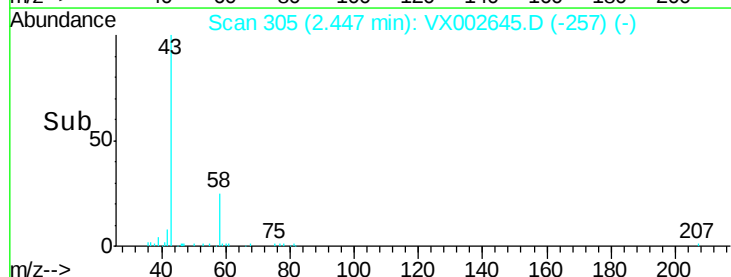
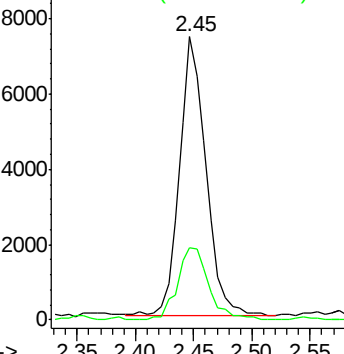
43 100

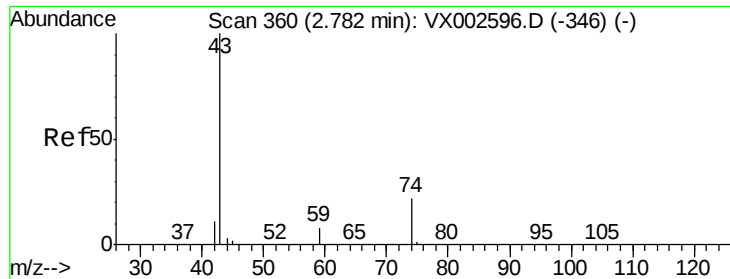
58 26.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

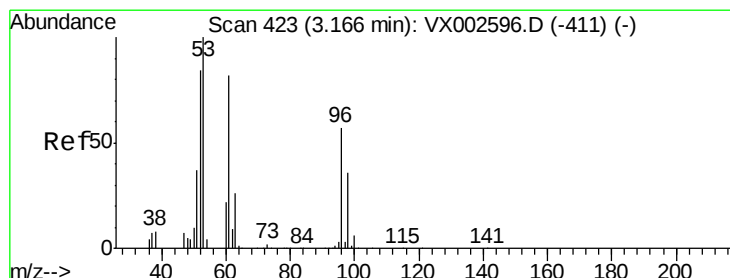
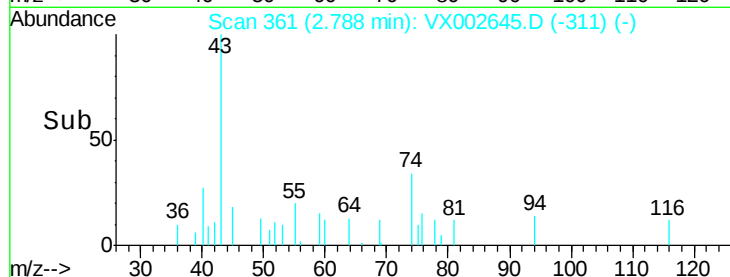
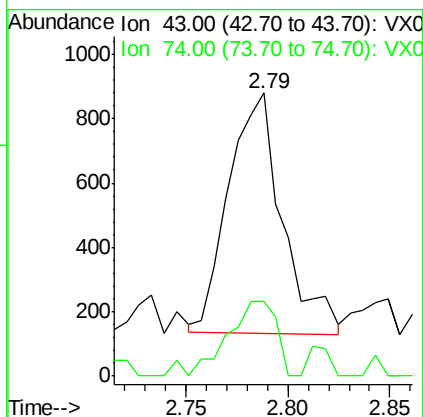
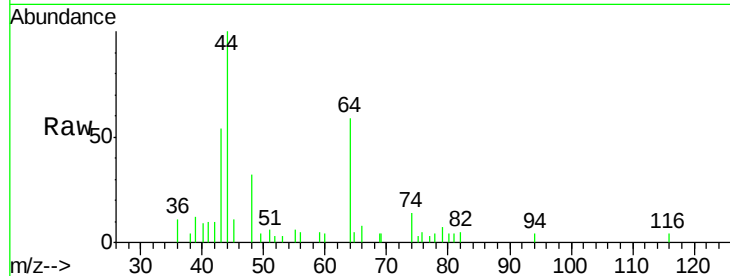




#18
Methvl Acetate
Concen: 0.37 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

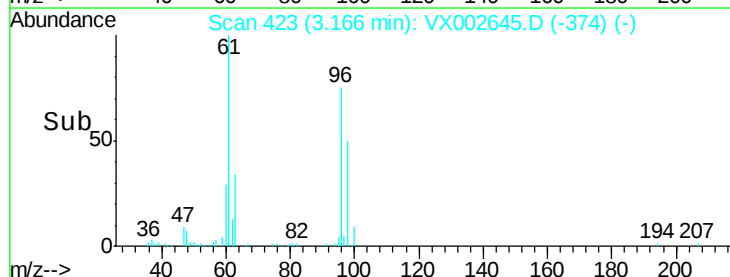
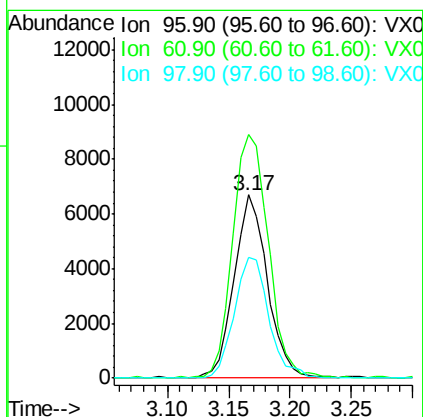
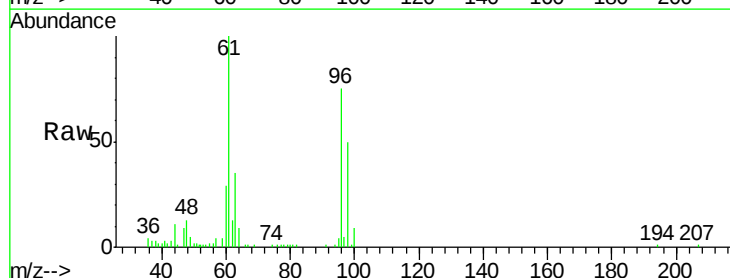
Instrument :
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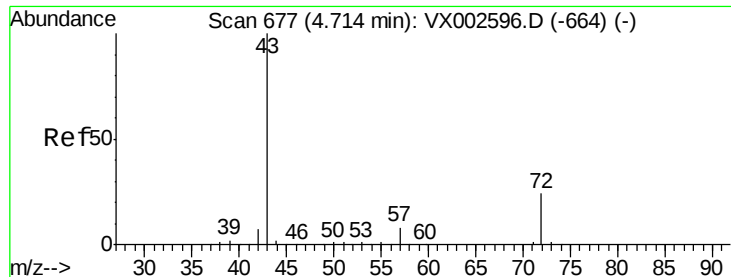
Tot Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
74 29.3 16.7 25.1#



#21
trans-1,2-Dichloroethene
Concen: 5.01 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion: 96 Resp: 12638
Ion Ratio Lower Upper
96 100
61 132.8 117.0 175.4
98 65.8 52.4 78.6





#25

2-Butanone

Concen: 0.36 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

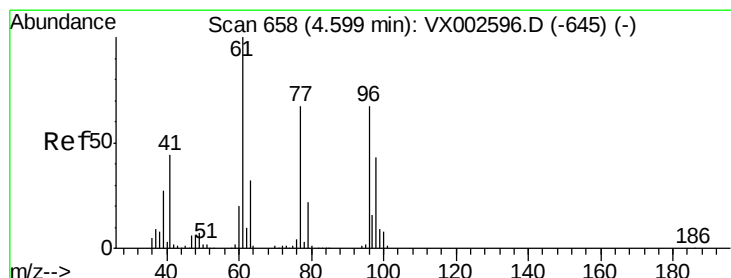
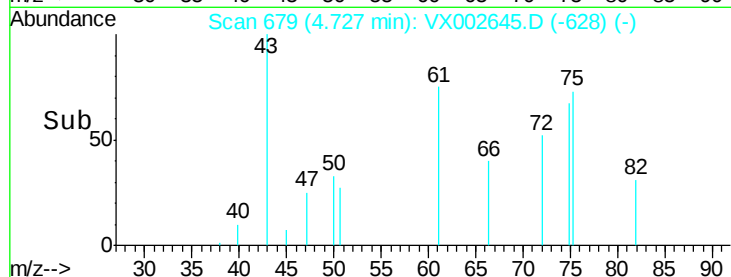
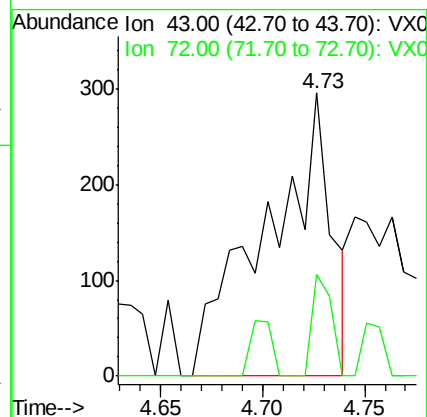
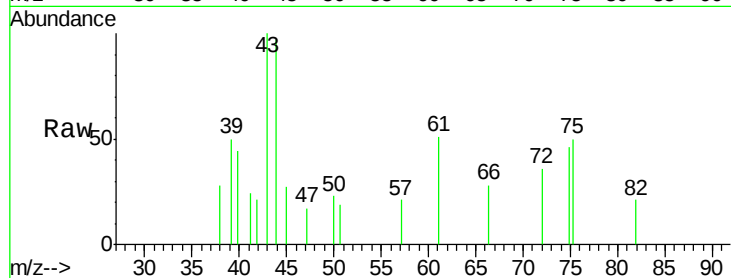
S36-0139

Tot Ion: 43 Resp: 652

Ion Ratio Lower Upper

43 100

72 35.8 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 5.45 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

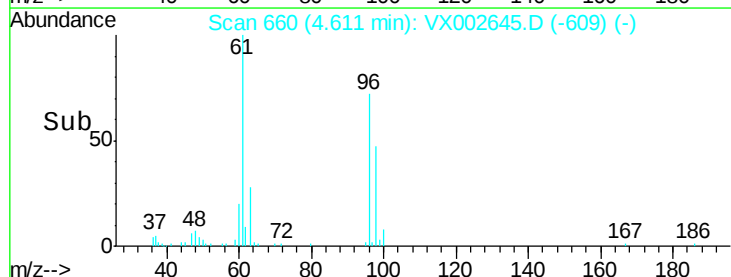
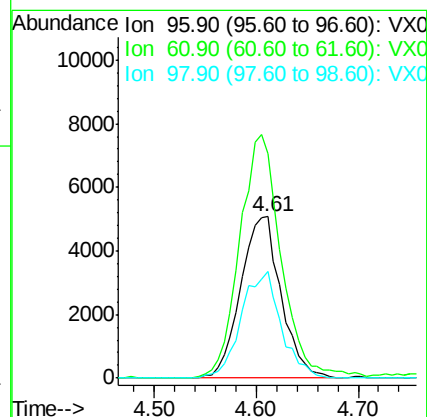
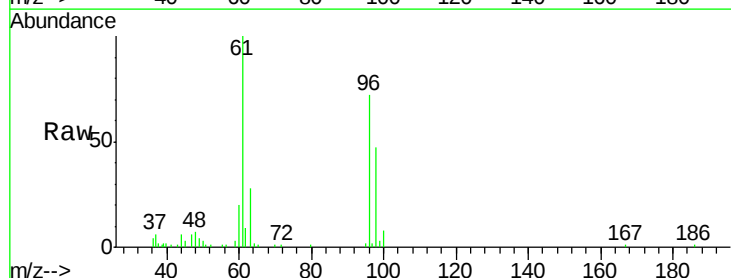
Tgt Ion: 96 Resp: 13993

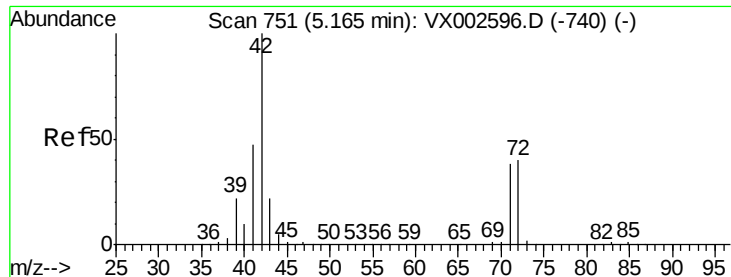
Ion Ratio Lower Upper

96 100

61 155.2 0.0 330.2

98 65.2 0.0 130.2

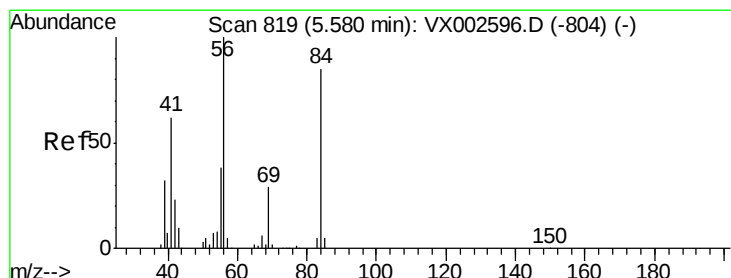
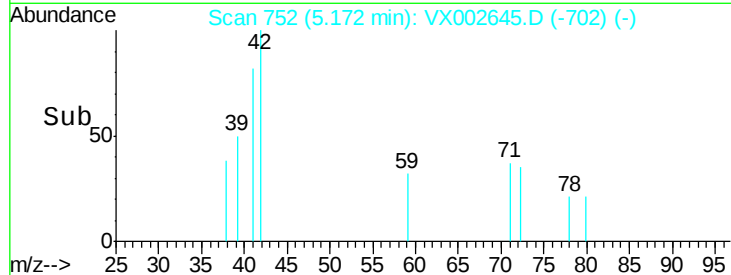
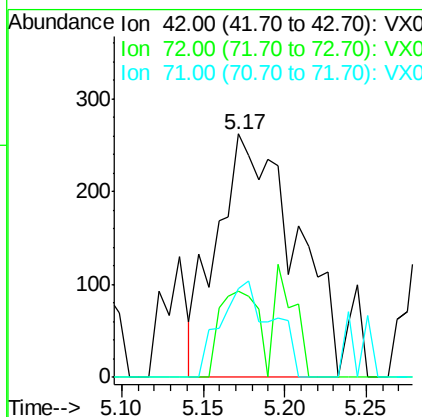
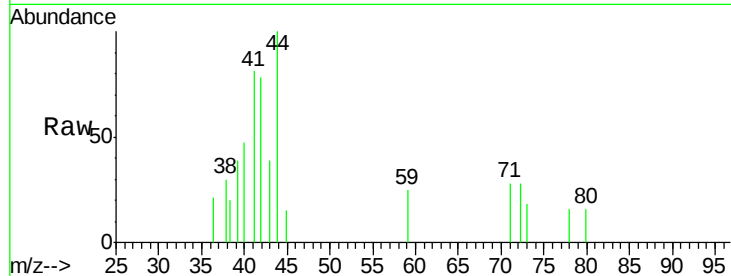




#29
Tetrahydrofuran
Concen: 0.73 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

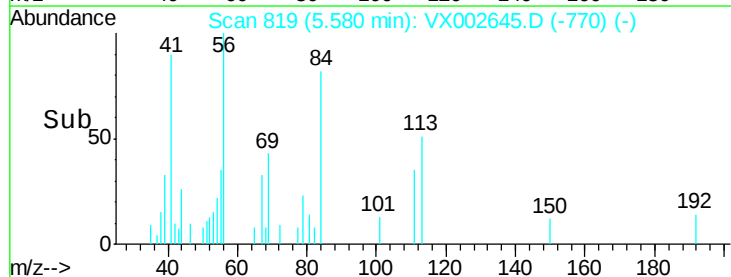
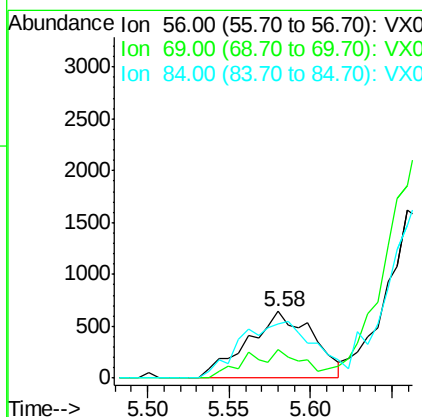
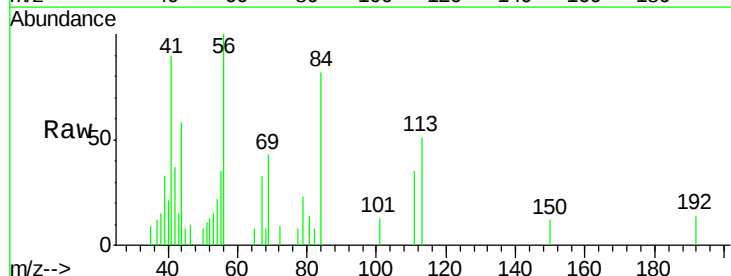
Instrument :
MSVOA_X
ClientSampled :
S36-0139

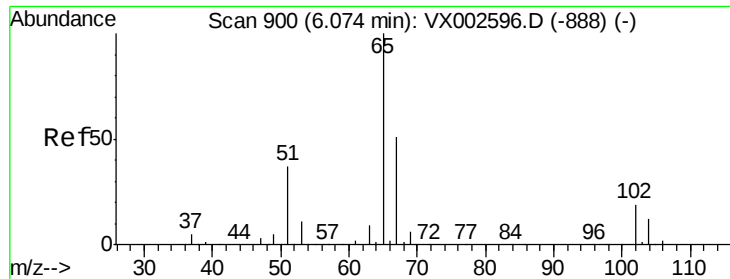
Tot Ion: 42 Resp: 871
Ion Ratio Lower Upper
42 100
72 17.5 32.0 48.0#
71 26.2 30.1 45.1#



#31
Cyclohexane
Concen: 0.48 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion: 56 Resp: 1798
Ion Ratio Lower Upper
56 100
69 43.5 23.7 35.5#
84 81.9 64.1 96.1





#33

1,2-Dichloroethane-d4

Concen: 44.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

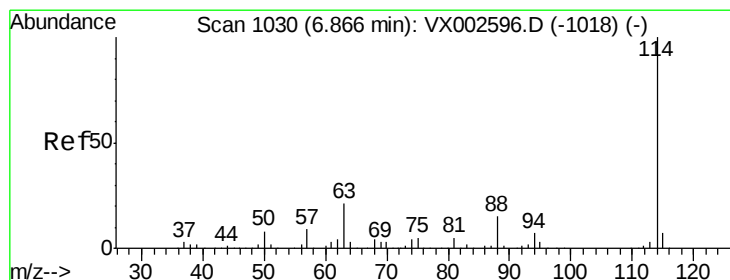
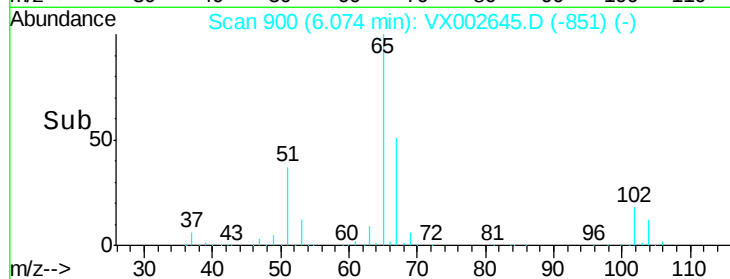
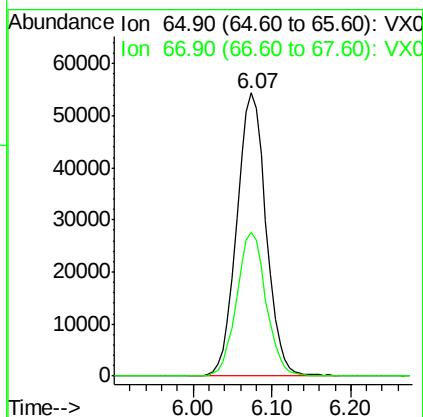
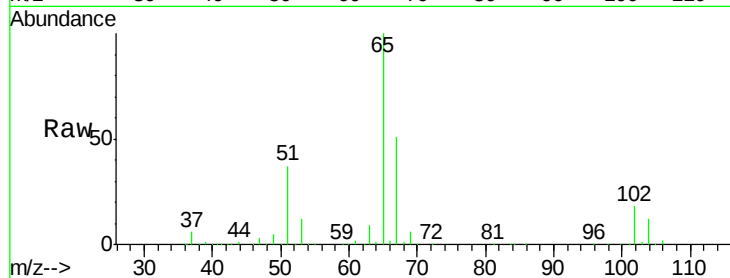
S36-0139

Tot Ion: 65 Resp: 140739

Ion Ratio Lower Upper

65 100

67 51.1 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: VX002645.D

Acq: 16 Jun 2018 13:49

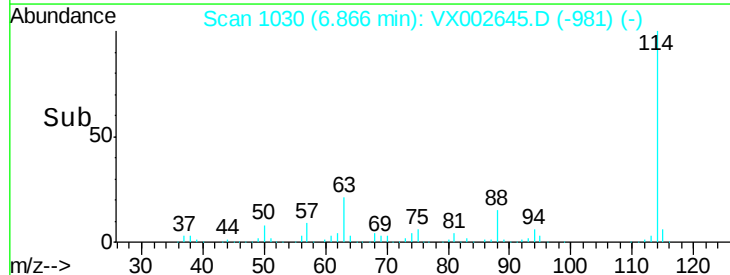
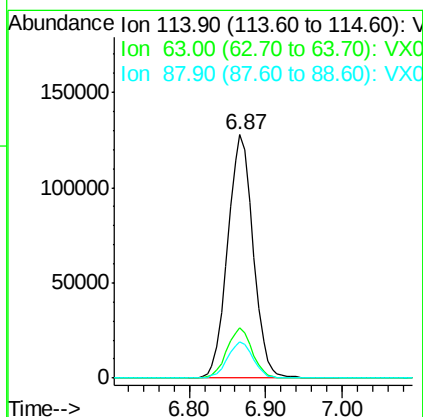
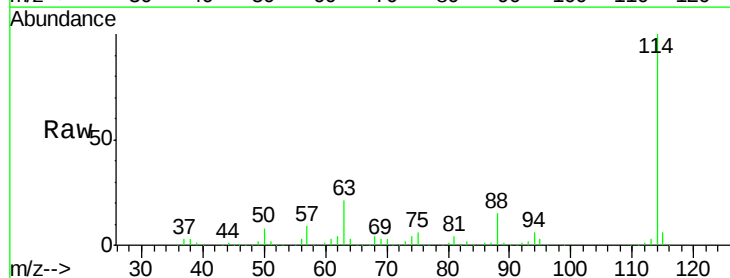
Tgt Ion: 114 Resp: 294974

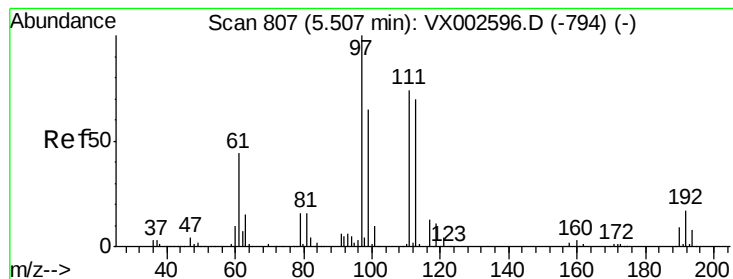
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.47 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

S36-0139

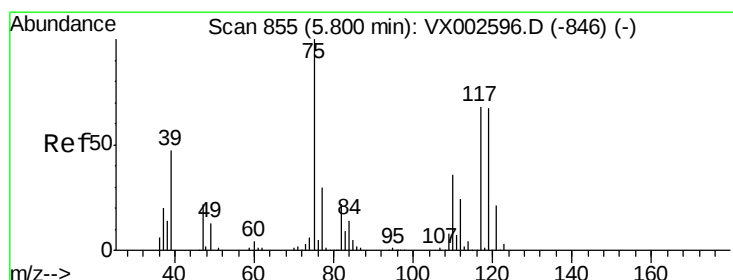
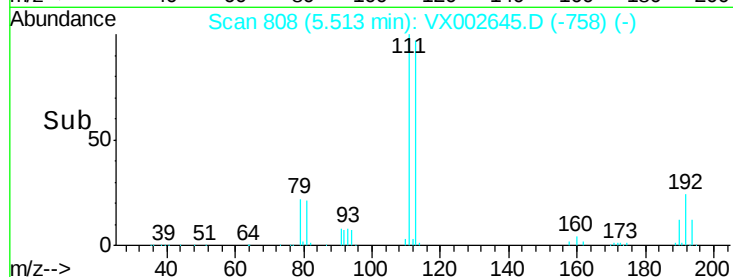
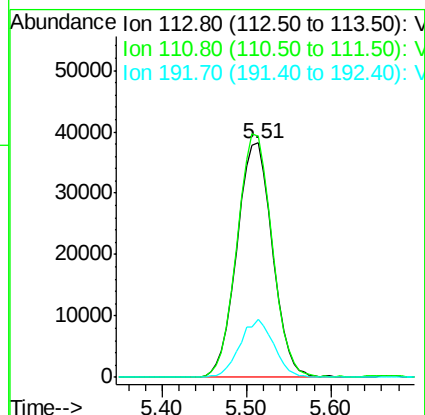
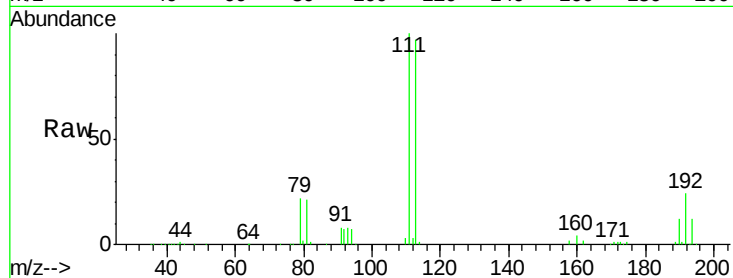
Tot Ion:113 Resp: 109389

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 23.5 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

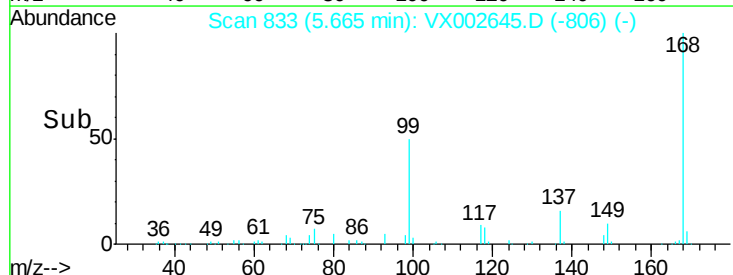
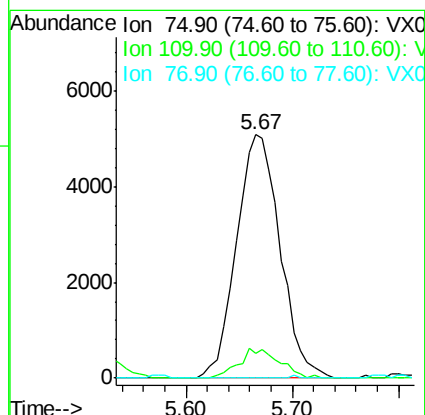
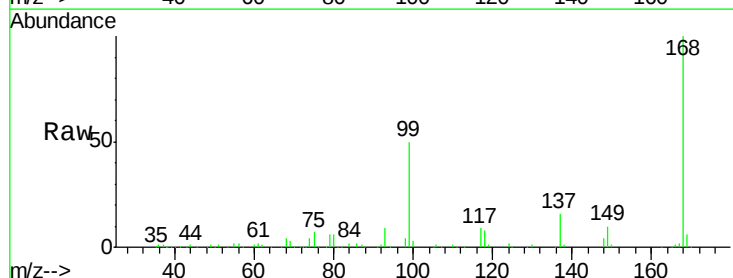
Tgt Ion: 75 Resp: 14604

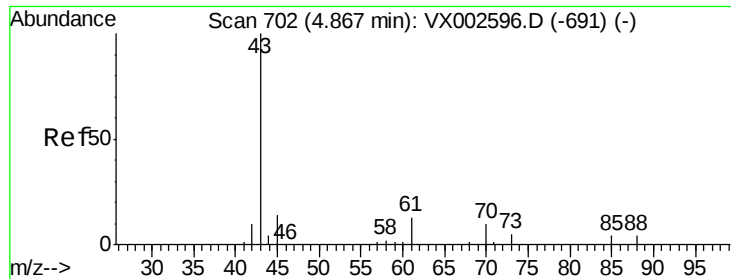
Ion Ratio Lower Upper

75 100

110 11.3 18.1 54.4#

77 0.0 24.3 36.5#

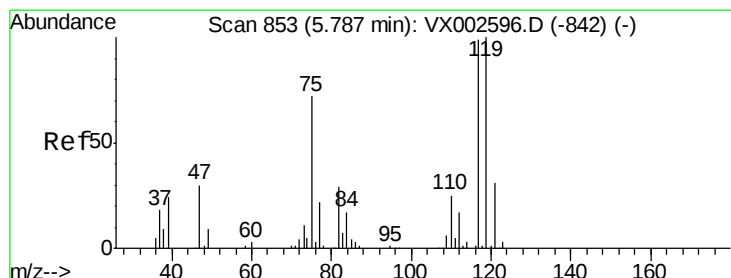
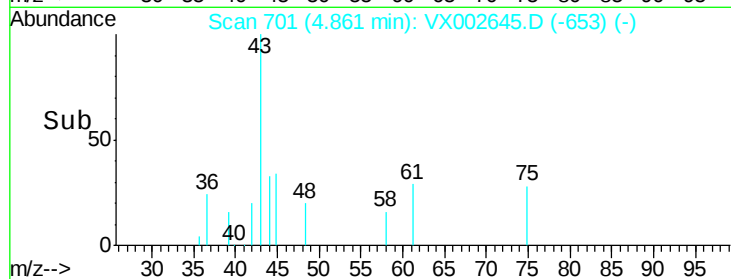
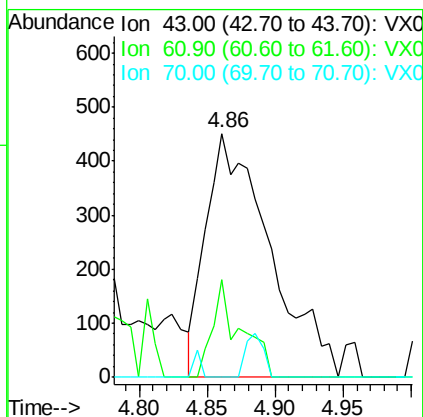
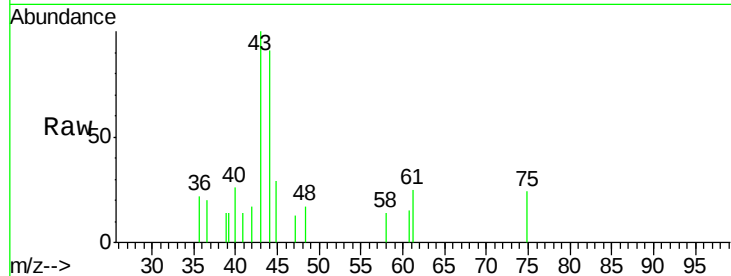




#37
Ethyl Acetate
Concen: 0.41 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

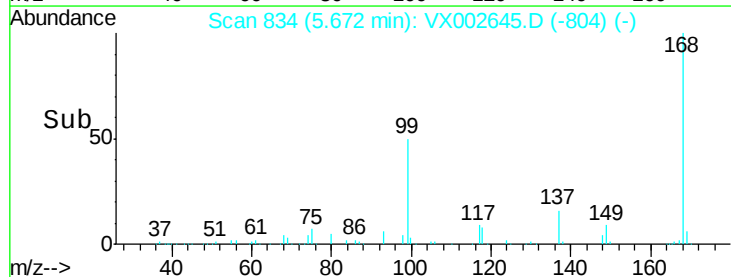
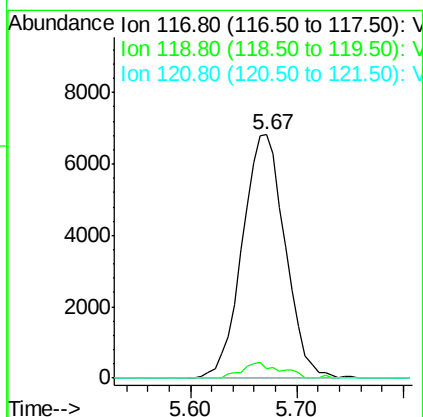
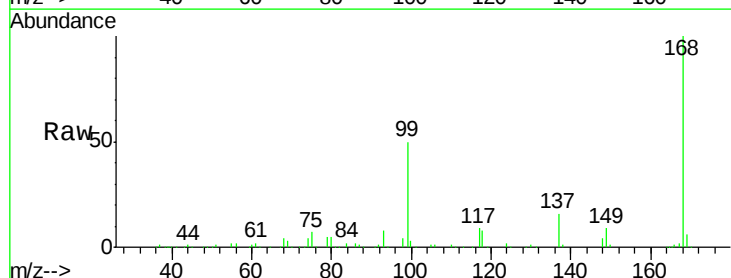
Instrument :
MSVOA_X
ClientSampled :
S36-0139

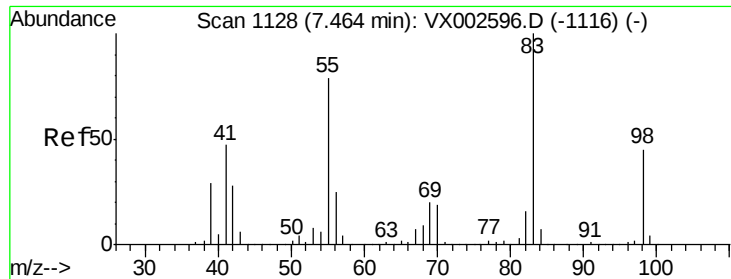
Tot Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 1.3 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion: 117 Resp: 19185
Ion Ratio Lower Upper
117 100
119 3.7 77.4 116.0#
121 0.0 24.4 36.6#

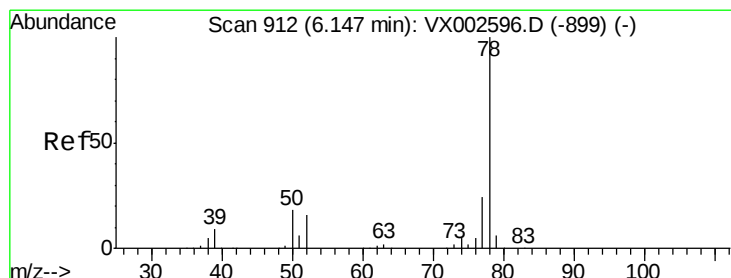
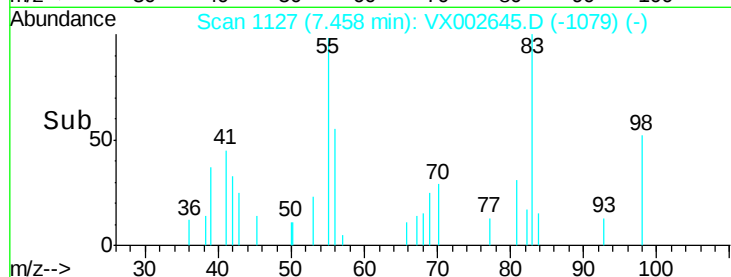
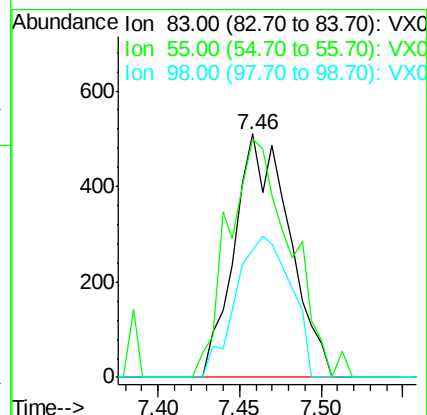
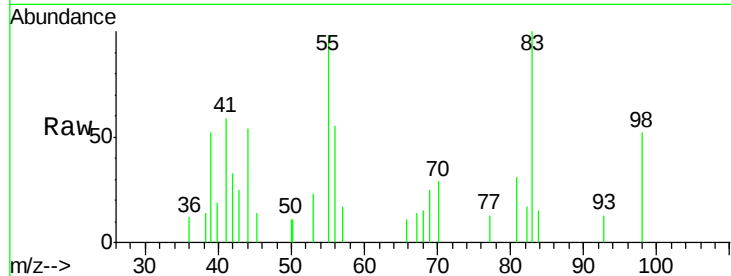




#39
Methvlcvclohexane
Concen: 0.33 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

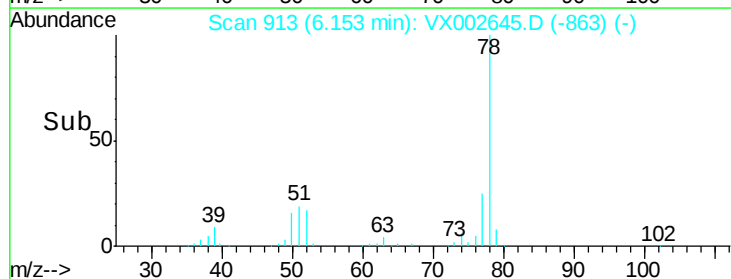
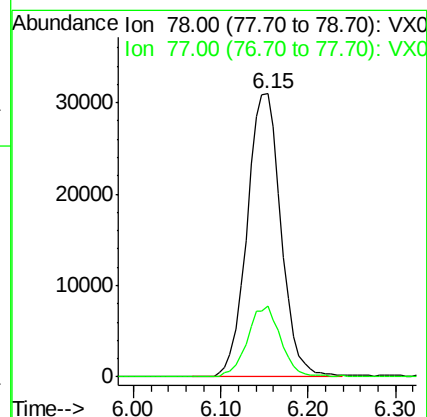
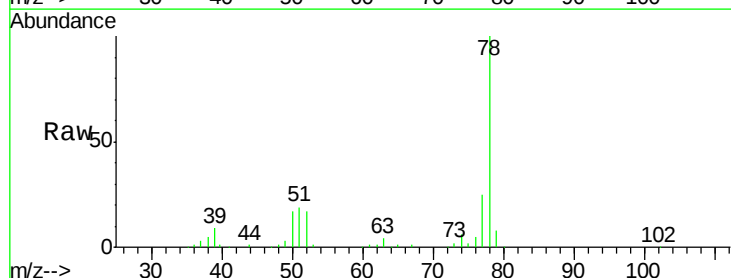
Instrument :
MSVOA_X
ClientSampleId :
S36-0139

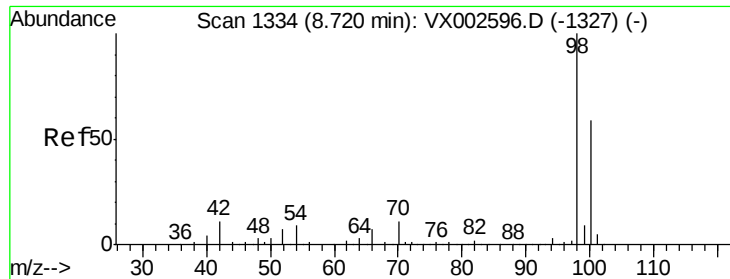
Tot Ion: 83 Resp: 1191
Ion Ratio Lower Upper
83 100
55 97.8 65.4 98.0
98 52.2 37.4 56.0



#40
Benzene
Concen: 8.88 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion: 78 Resp: 83431
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7

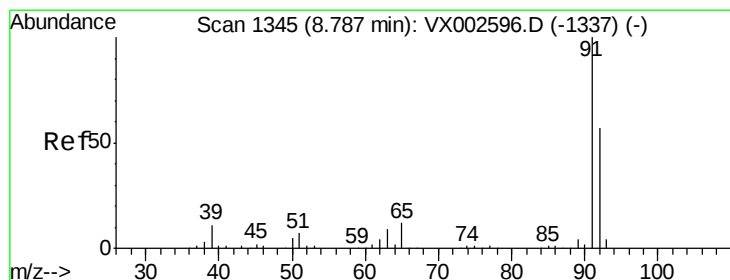
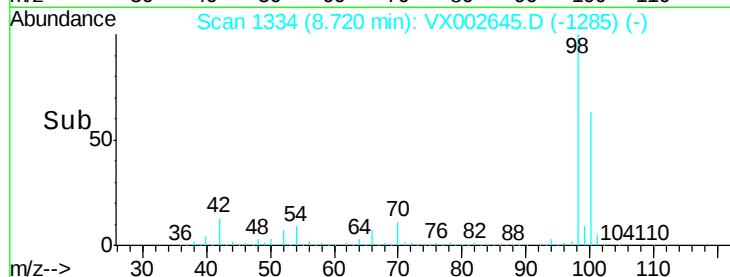
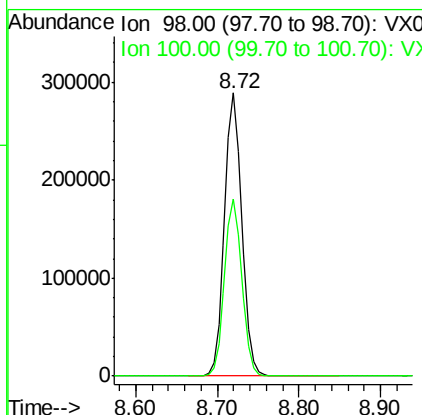
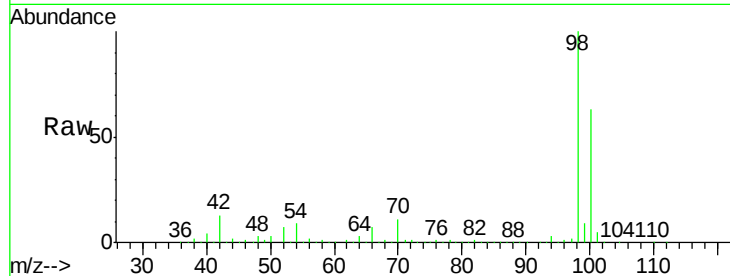




#50
Toluene-d8
Concen: 47.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

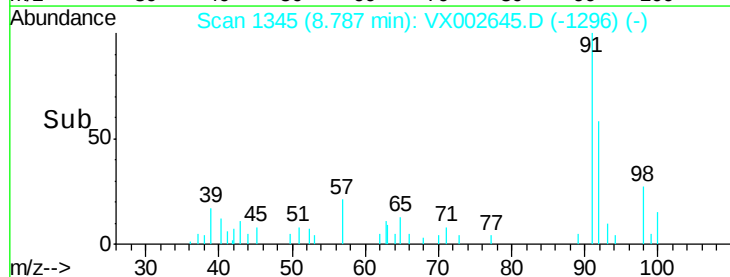
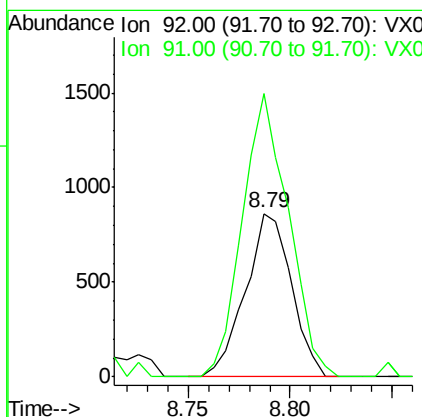
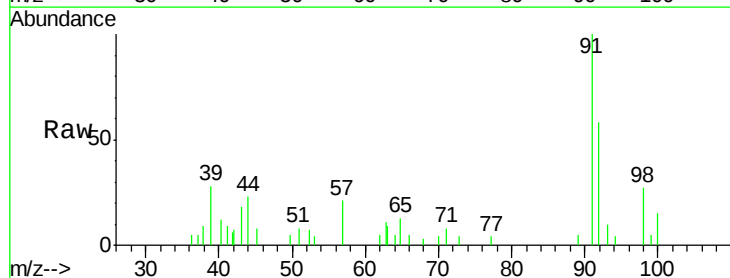
Instrument :
MSVOA_X
ClientSampleId :
S36-0139

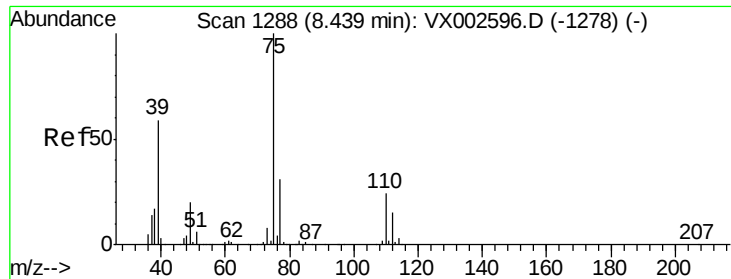
Tot Ion: 98 Resp: 424637
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#52
Toluene
Concen: 0.23 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion: 92 Resp: 1356
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 2.40 ug/l

RT: 8.63 min Scan# 1319

Delta R.T. 0.19 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

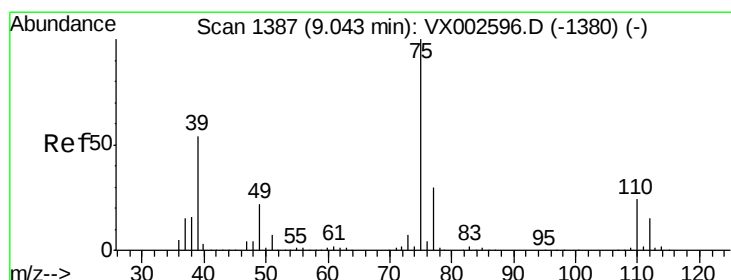
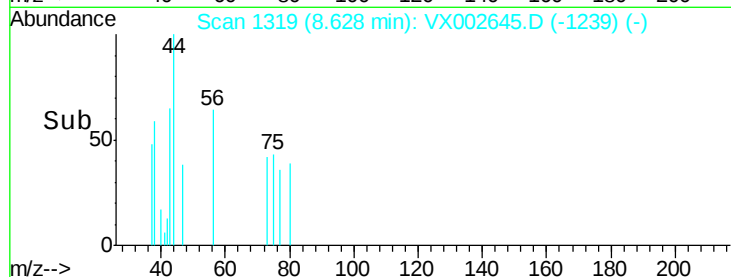
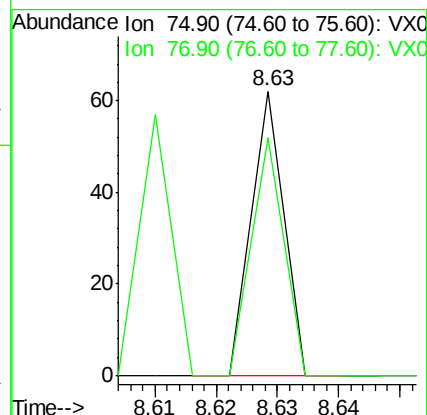
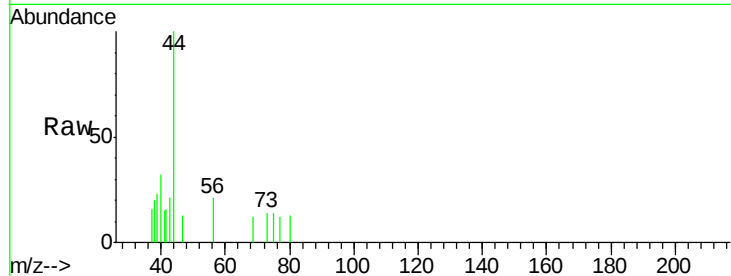
S36-0139

Tot Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 83.9 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 3.22 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

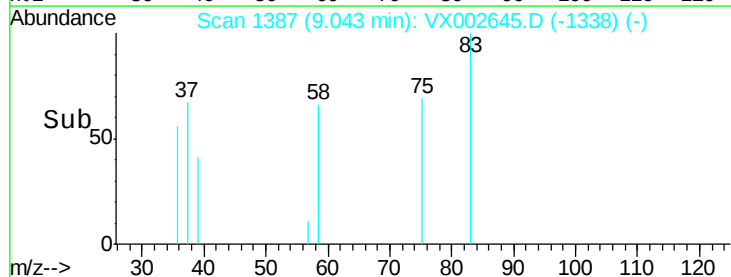
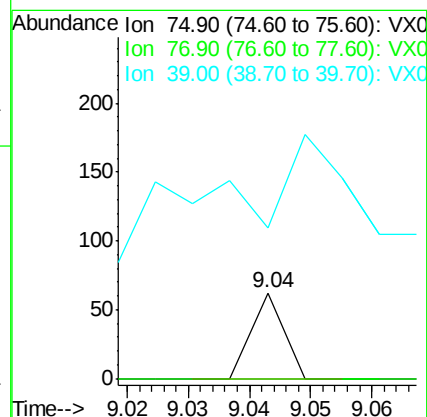
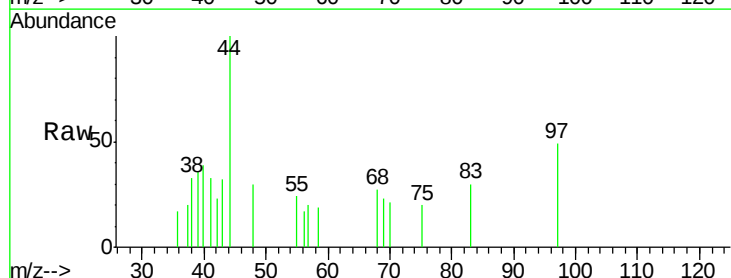
Tgt Ion: 75 Resp: 23

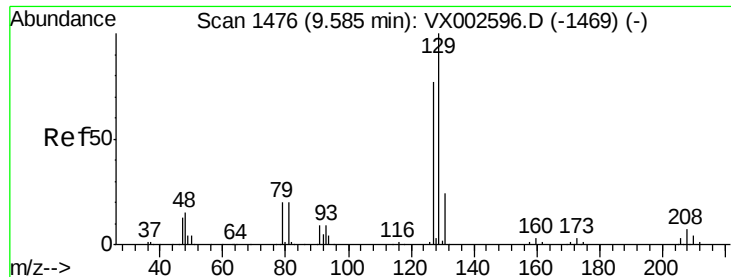
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 0.0 42.4 63.6#

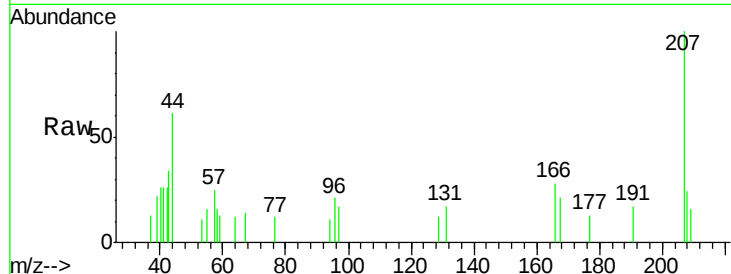




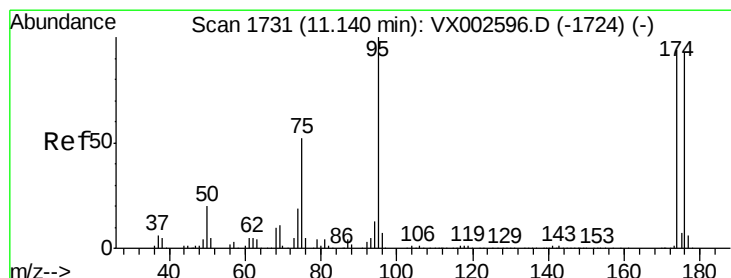
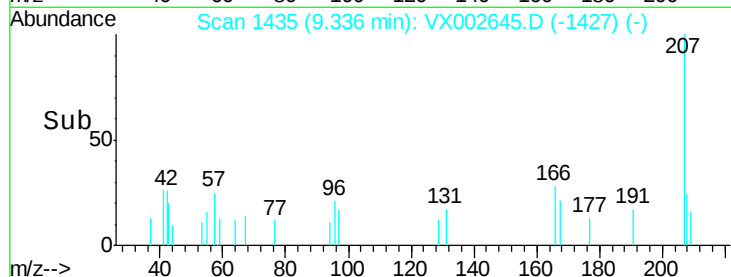
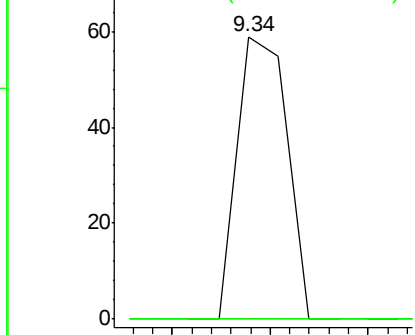
#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :
S36-0139

Tot Ion:129 Resp: 42
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

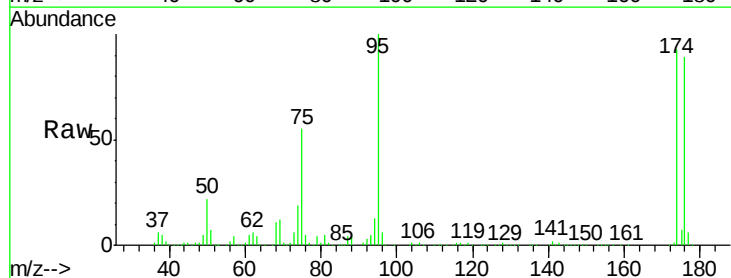


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

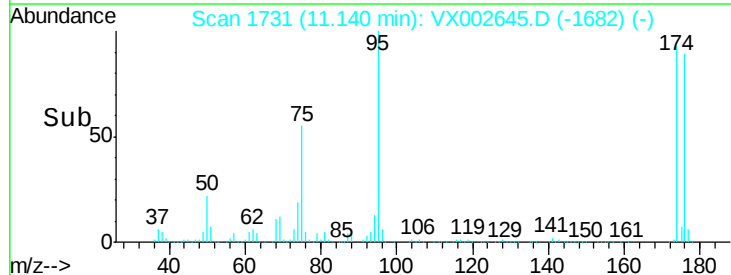
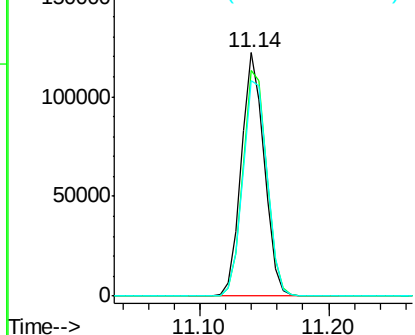


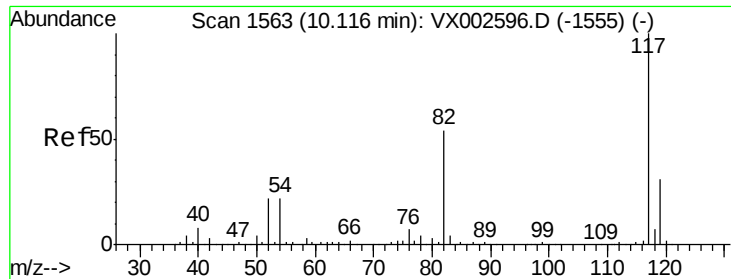
#62
4-Bromofluorobenzene
Concen: 44.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion: 95 Resp: 149786
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.4
176 94.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

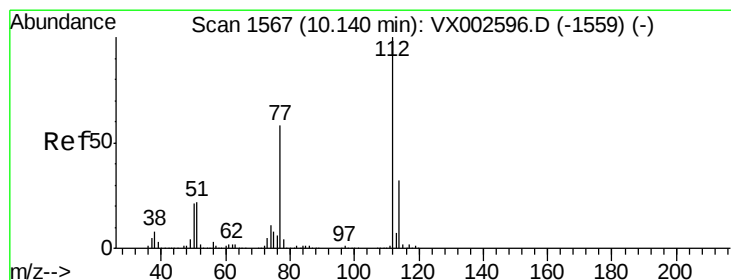
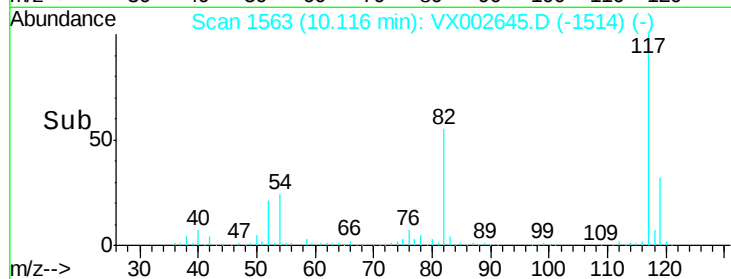
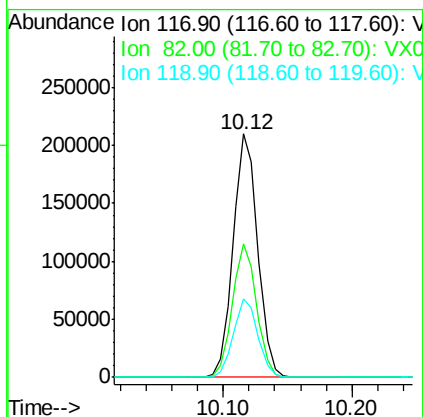
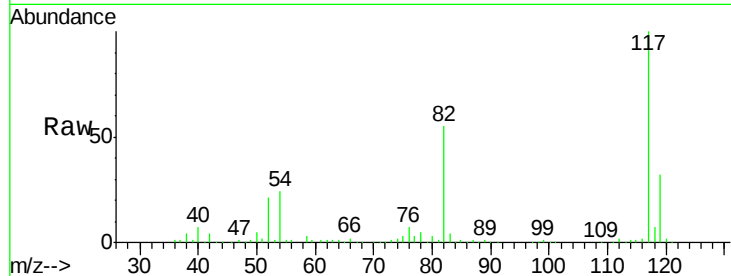




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

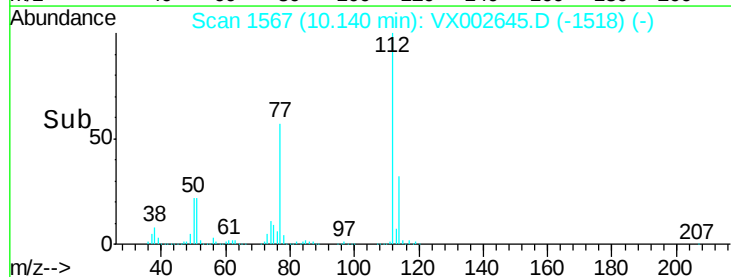
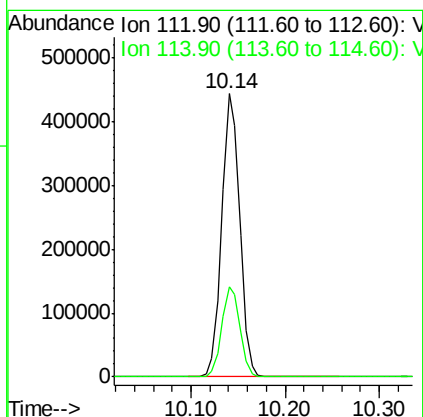
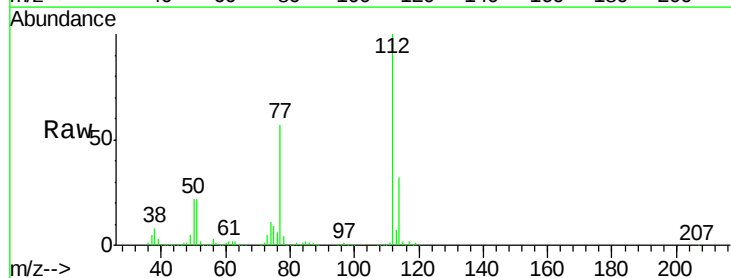
Instrument :
MSVOA_X
ClientSampled :
S36-0139

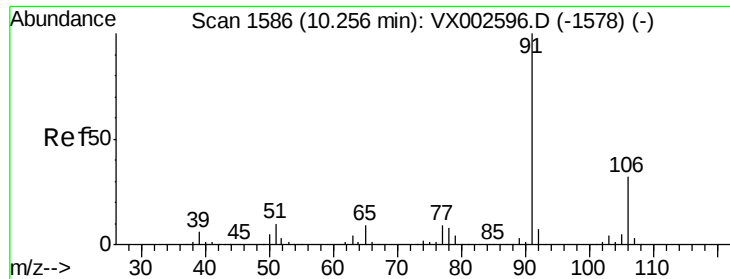
Tot Ion:117 Resp: 278796
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.1 25.8 38.6



#65
Chlorobenzene
Concen: 85.69 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion:112 Resp: 586675
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

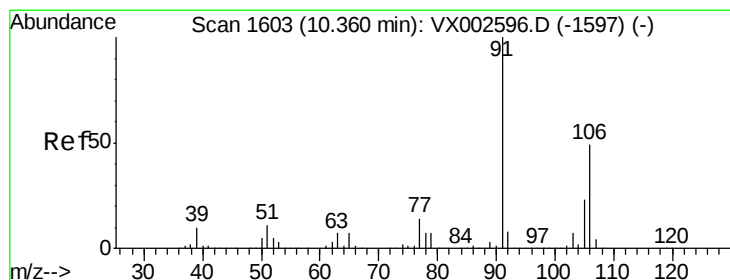
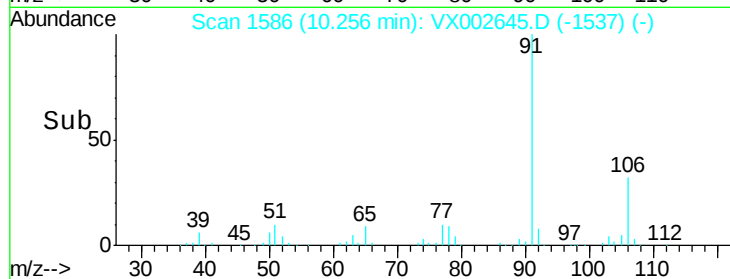
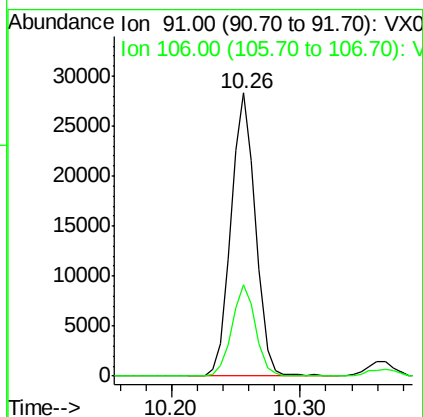
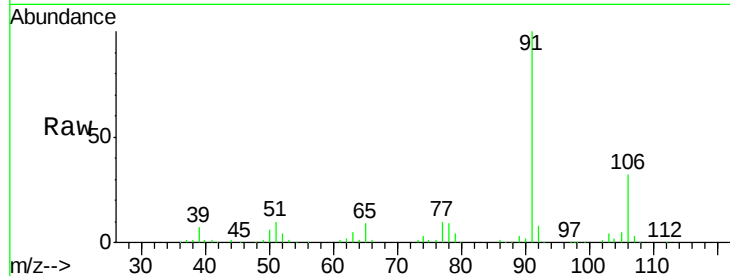




#67
Ethyl Benzene
Concen: 3.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

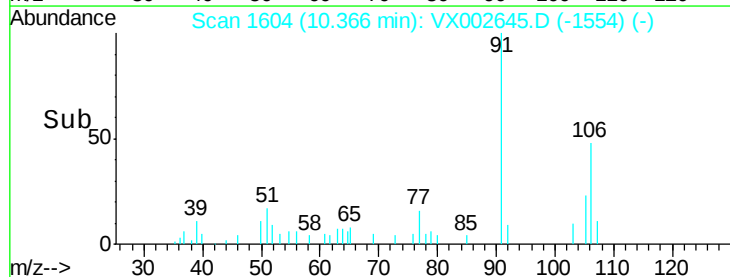
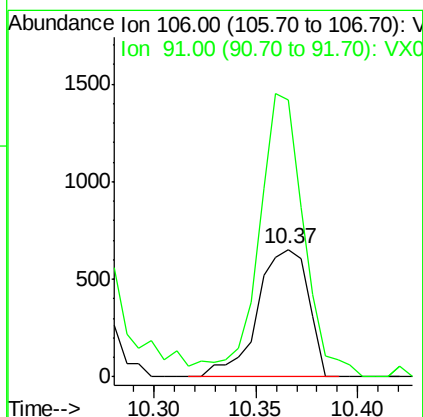
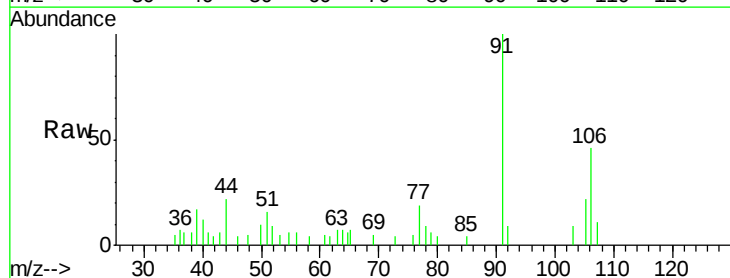
Instrument :
MSVOA_X
ClientSampled :
S36-0139

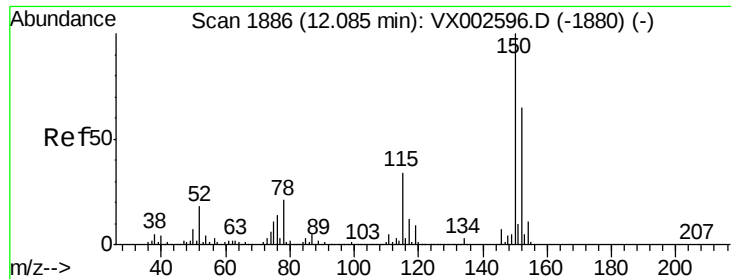
Tot Ion: 91 Resp: 37680
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002645.D
Acq: 16 Jun 2018 13:49

Tgt Ion: 106 Resp: 1137
Ion Ratio Lower Upper
106 100
91 193.0 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

S36-0139

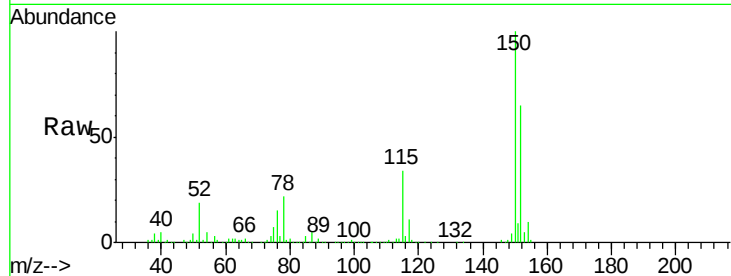
Tot Ion:152 Resp: 162215

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

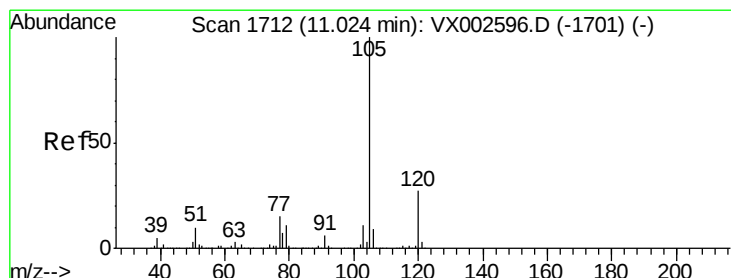
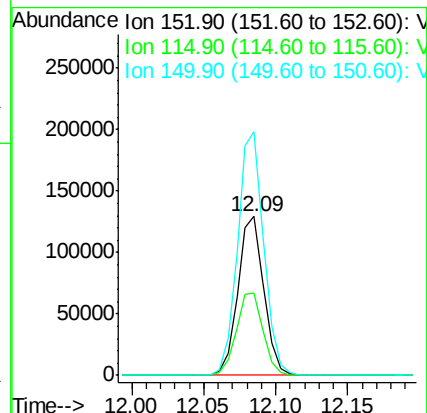
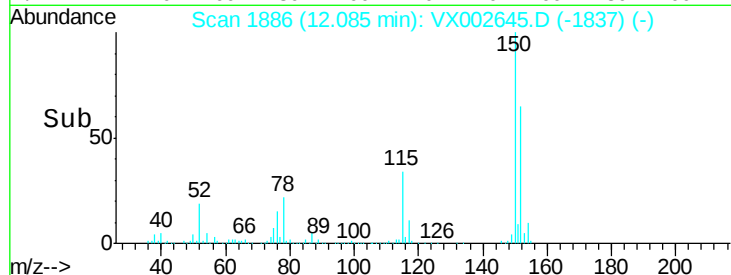
150 155.1 0.0 347.2



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: 0.49 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002645.D

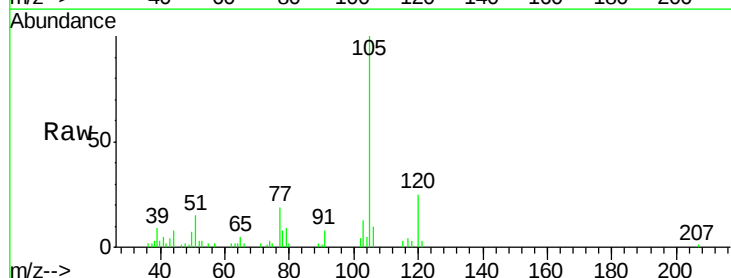
Acq: 16 Jun 2018 13:49

Tgt Ion:105 Resp: 5315

Ion Ratio Lower Upper

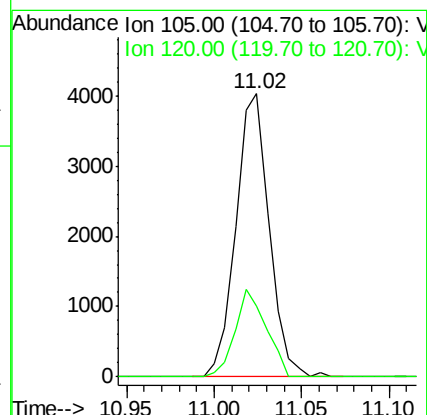
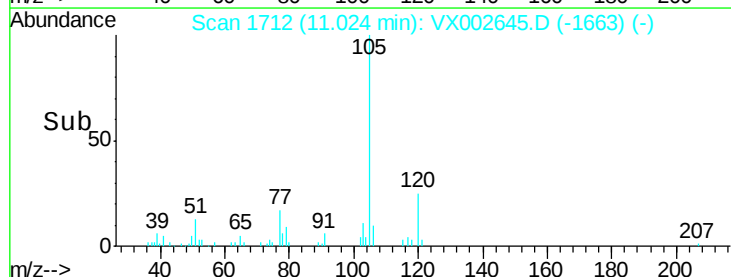
105 100

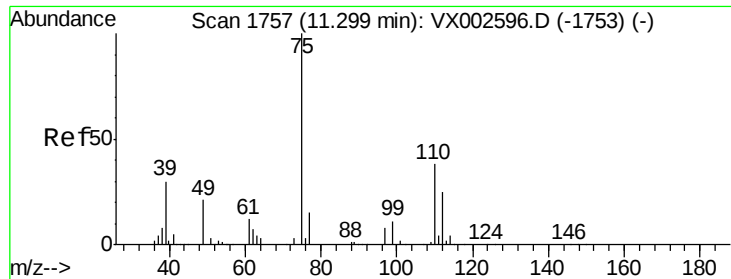
120 29.0 13.5 40.4



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: 26.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

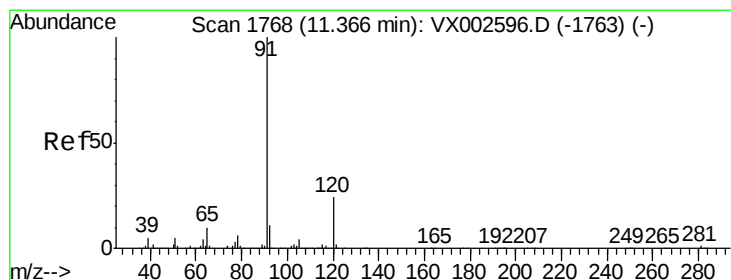
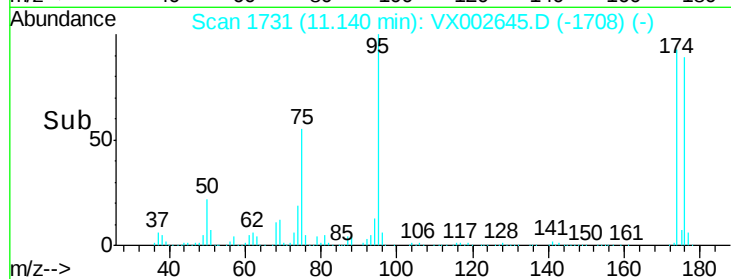
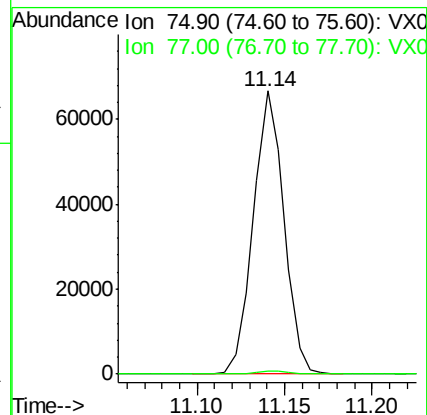
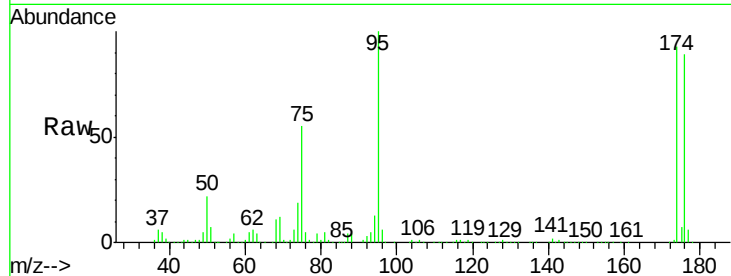
S36-0139

Tot Ion: 75 Resp: 81245

Ion Ratio Lower Upper

75 100

77 1.3 22.8 68.3#



#78

n-propylbenzene

Concen: 0.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002645.D

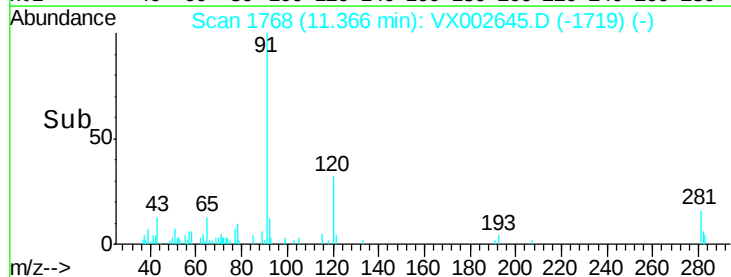
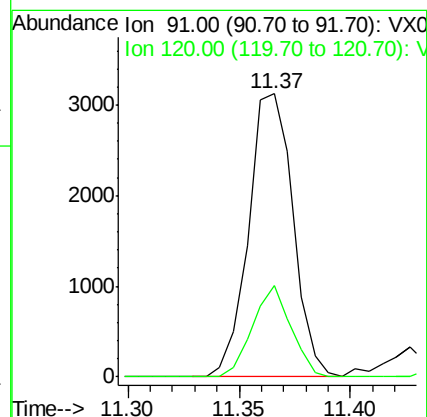
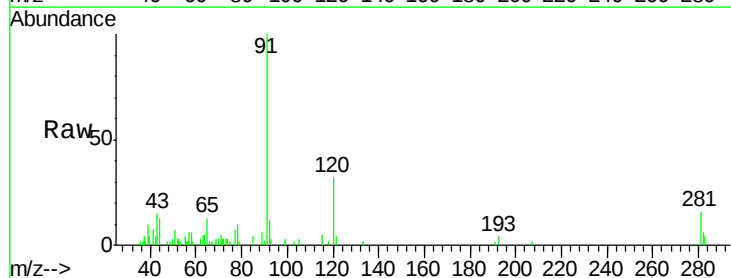
Acq: 16 Jun 2018 13:49

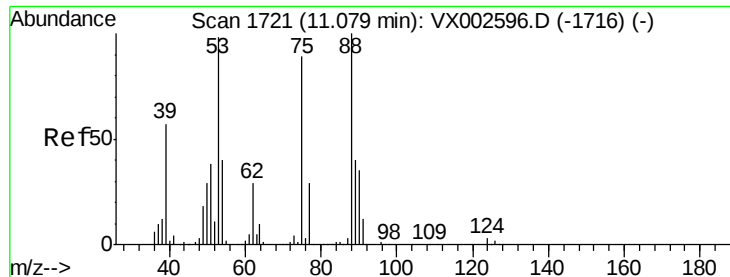
Tgt Ion: 91 Resp: 4353

Ion Ratio Lower Upper

91 100

120 27.7 11.8 35.4





#81

trans-1,4-Dichloro-2-butene

Concen: 82.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

S36-0139

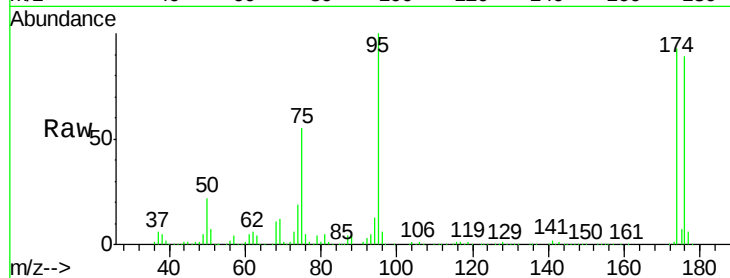
Tot Ion: 75 Resp: 81245

Ion Ratio Lower Upper

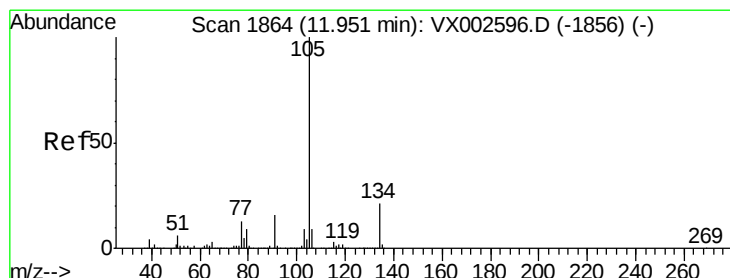
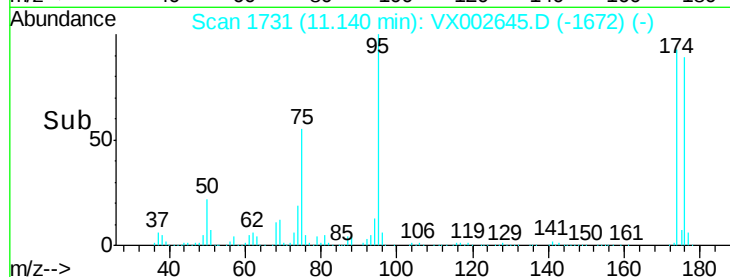
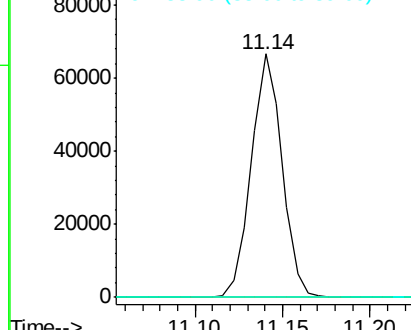
75 100

53 0.2 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



#85

sec-Butylbenzene

Concen: 0.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002645.D

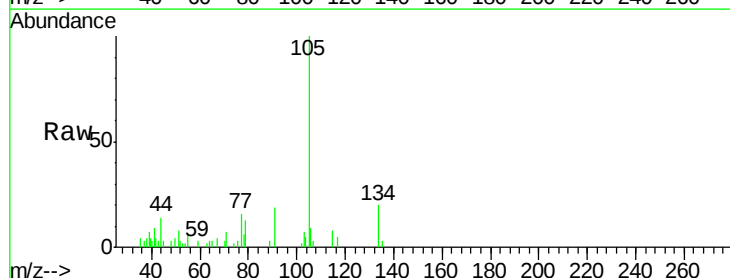
Acq: 16 Jun 2018 13:49

Tgt Ion: 105 Resp: 3202

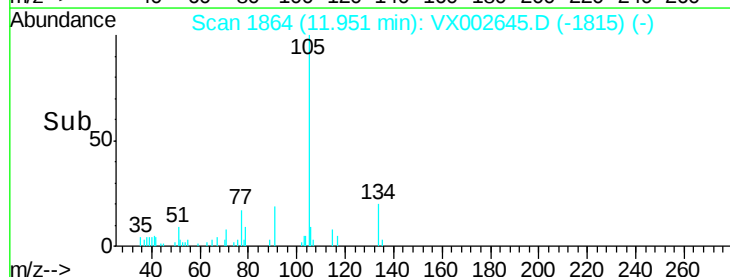
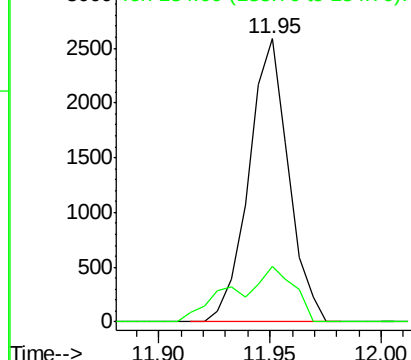
Ion Ratio Lower Upper

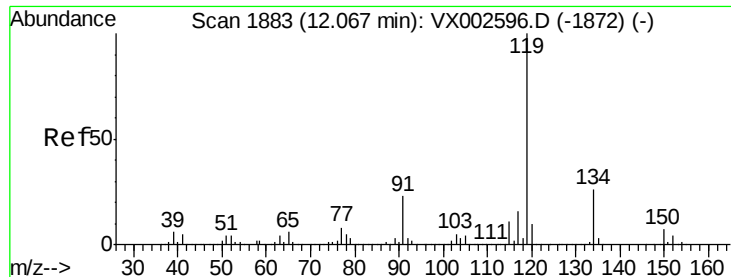
105 100

134 29.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 0.24 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

S36-0139

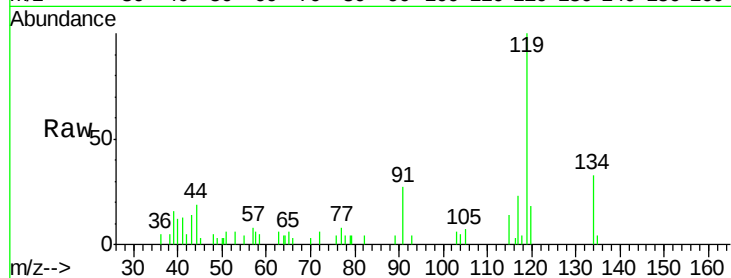
Tot Ion:119 Resp: 2363

Ion Ratio Lower Upper

119 100

134 27.9 13.4 40.1

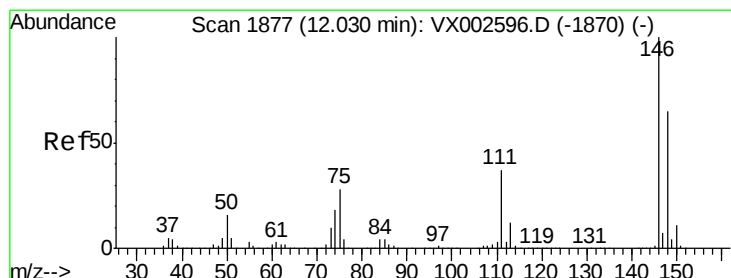
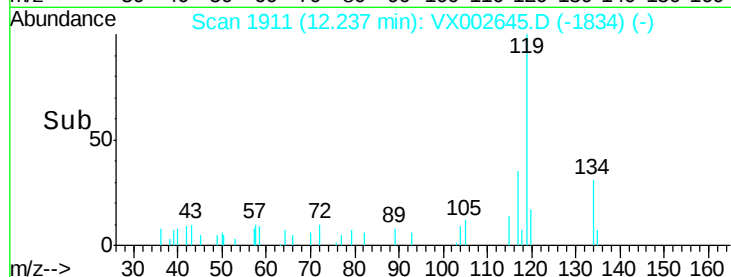
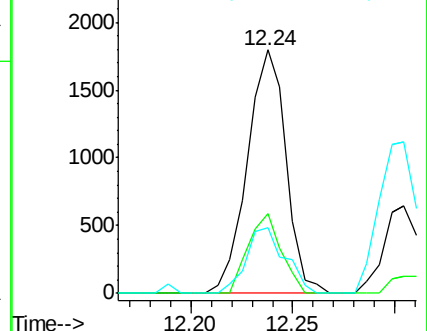
91 27.1 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 0.65 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

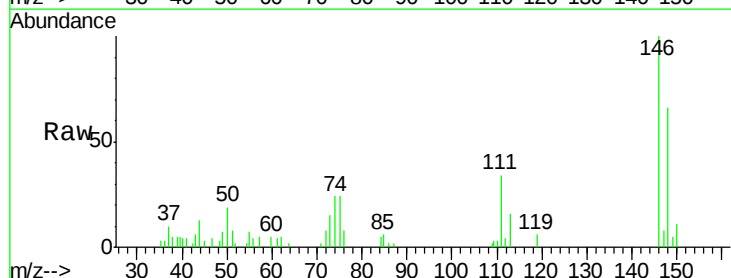
Tgt Ion:146 Resp: 3593

Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

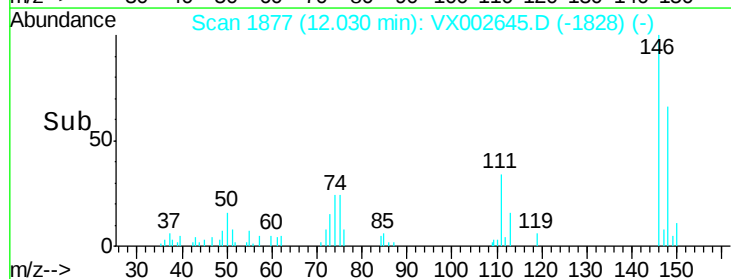
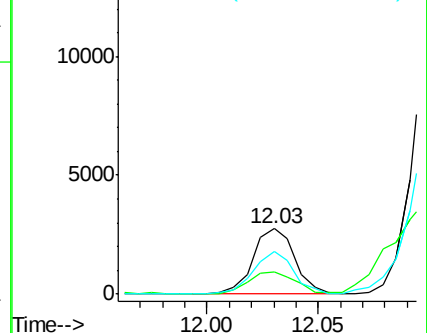
148 63.4 32.1 96.3

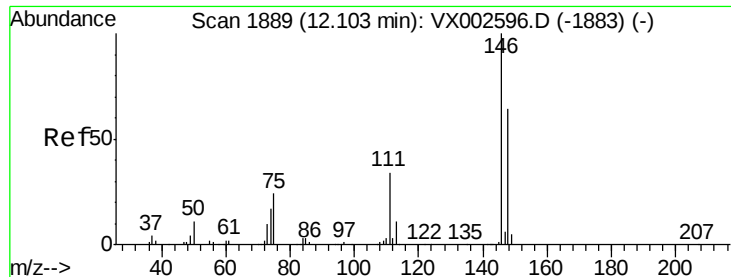


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.55 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampled :

S36-0139

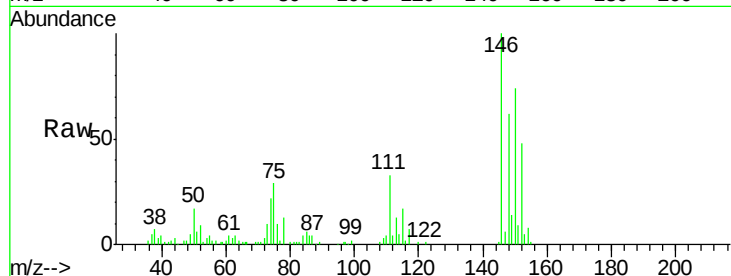
Tot Ion:146 Resp: 14394

Ion Ratio Lower Upper

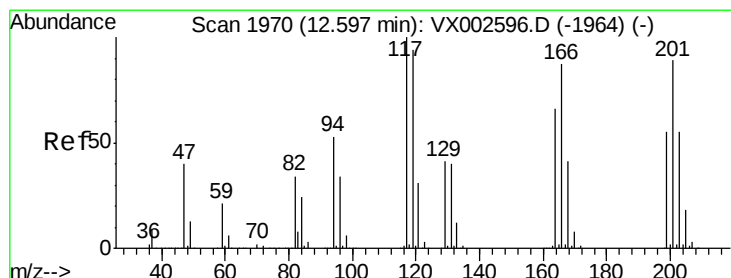
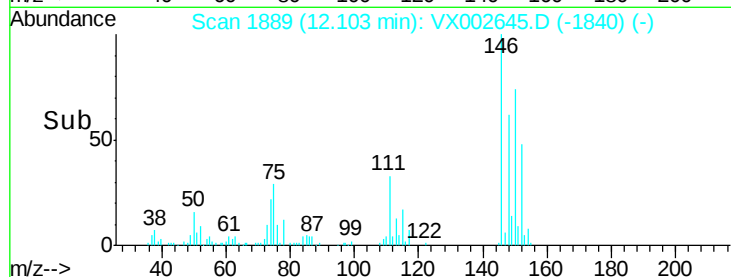
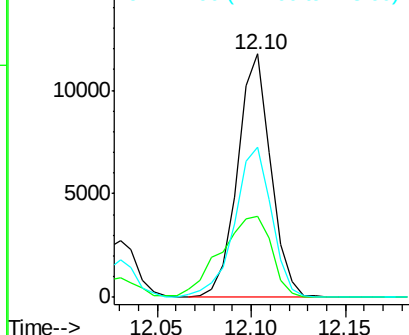
146 100

111 51.2 18.7 56.1

148 68.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: 3.52 ug/l

RT: 12.71 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VX002645.D

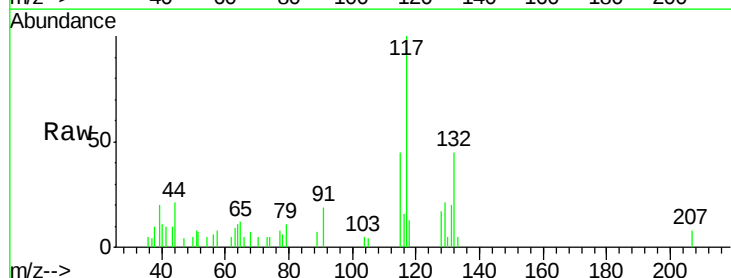
Acq: 16 Jun 2018 13:49

Tgt Ion:117 Resp: 1460

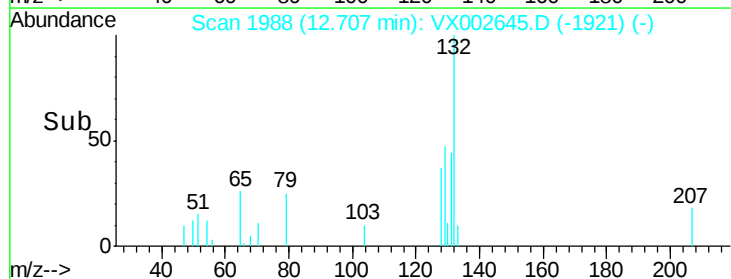
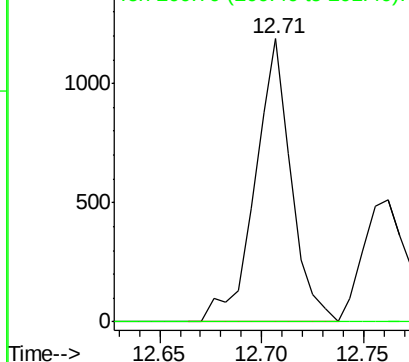
Ion Ratio Lower Upper

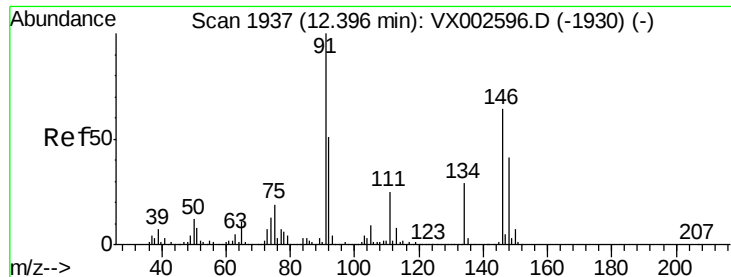
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 1.22 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002645.D

Acq: 16 Jun 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

S36-0139

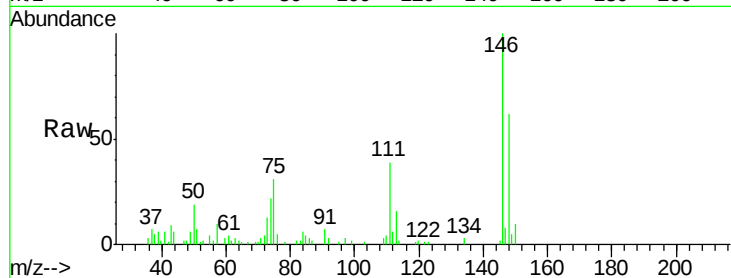
Tot Ion:146 Resp: 6811

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

