

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002665.D
 Acq On : 16 Jun 2018 23:24
 Operator : JC/MD
 Sample : J3485-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-11-8.0-061318

Quant Time: Jun 18 01:41:42 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	204498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149390	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	143659	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
35) Dibromofluoromethane	5.51	113	111279	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	424127	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.14	95	143789	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	

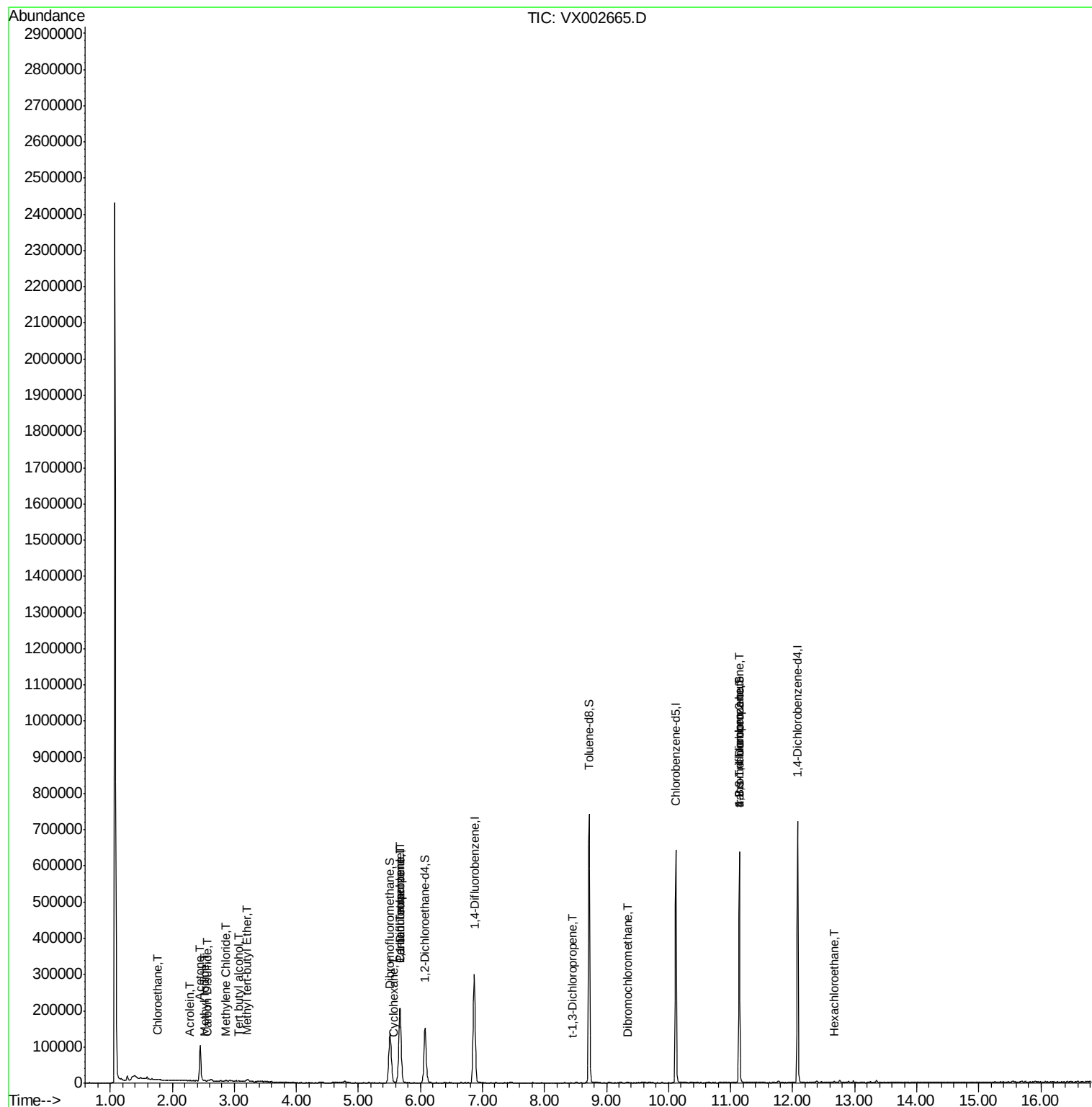
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.76	64	415	0.235	ug/l #	50
10) Methyl Iodide	2.52	142	855	5.415	ug/l	93
11) Tert butyl alcohol	3.07	59	1451	2.259	ug/l #	82
13) Acrolein	2.28	56	152	7.354	ug/l #	76
16) Acetone	2.45	43	110425	80.541	ug/l	99
17) Carbon Disulfide	2.56	76	1383	0.255	ug/l #	78
19) Methyl tert-butyl Ether	3.21	73	6273	0.732	ug/l	95
20) Methylene Chloride	2.86	84	931	0.331	ug/l #	79
31) Cyclohexane	5.57	56	1004	0.274	ug/l	91
36) 1,1-Dichloropropene	5.67	75	14873	4.787	ug/l #	50
38) Carbon Tetrachloride	5.67	117	18998	6.140	ug/l #	16
53) t-1,3-Dichloropropene	8.46	75	39	2.403	ug/l #	43
60) Dibromochloromethane	9.34	129	328	3.873	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	76538	27.151	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	76538	83.792	ug/l #	7
90) Hexachloroethane	12.67	117	212	2.766	ug/l #	1

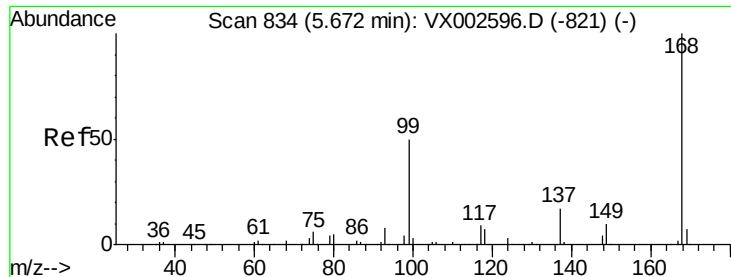
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 834

Delta R.T. 0.00 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

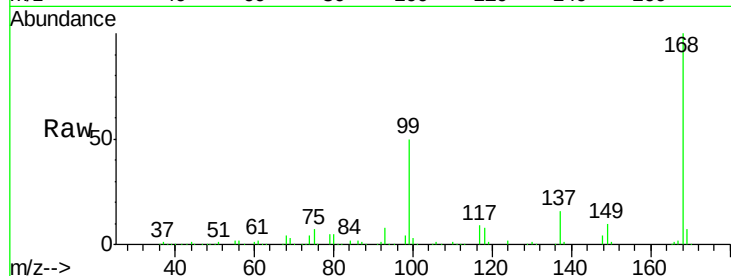
T11-MW-11-8.0-061318

Tot Ion:168 Resp: 204498

Ion Ratio Lower Upper

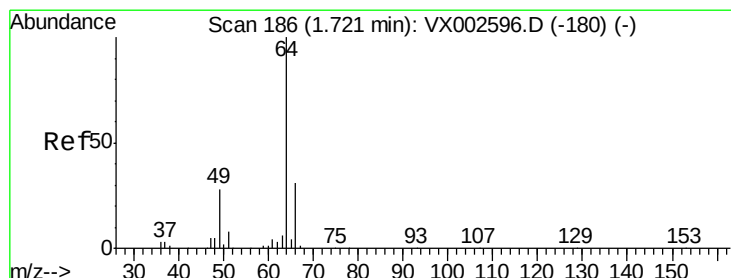
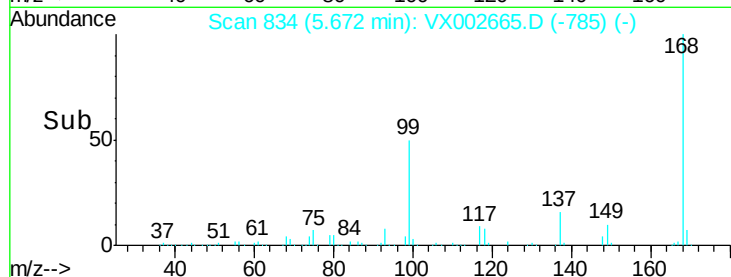
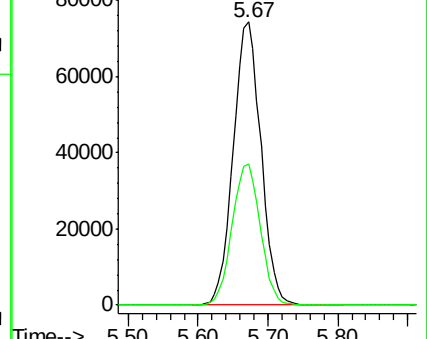
168 100

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



#6

Chloroethane

Concen: 0.235 ug/l

RT: 1.76 min Scan# 192

Delta R.T. 0.04 min

Lab File: VX002665.D

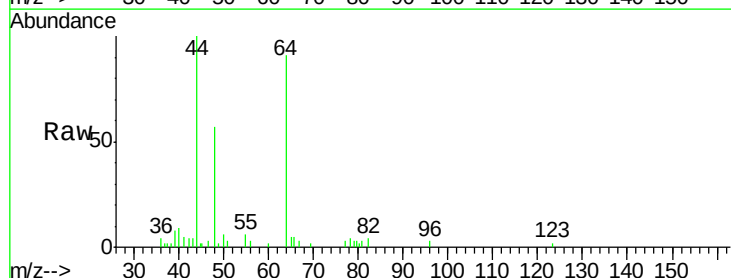
Acq: 16 Jun 2018 23:24

Tgt Ion: 64 Resp: 415

Ion Ratio Lower Upper

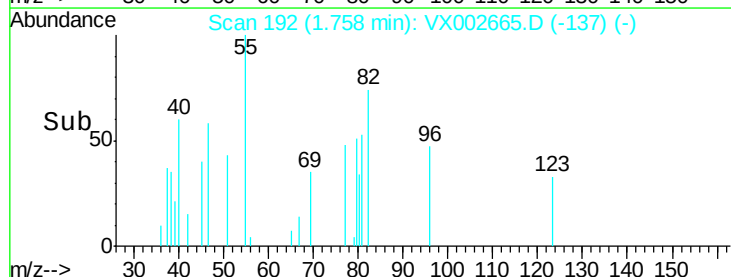
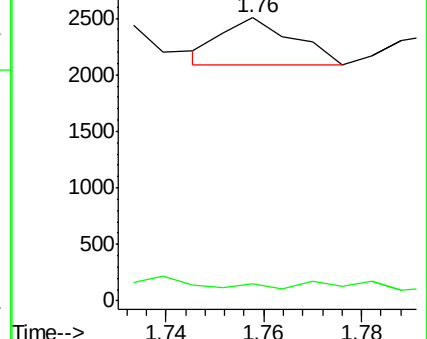
64 100

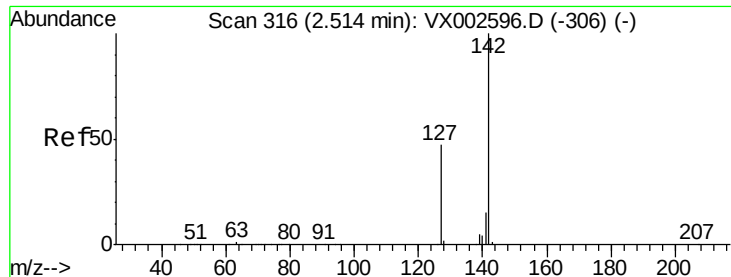
66 4.1 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

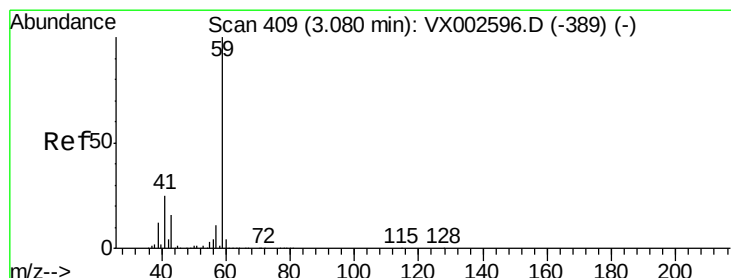
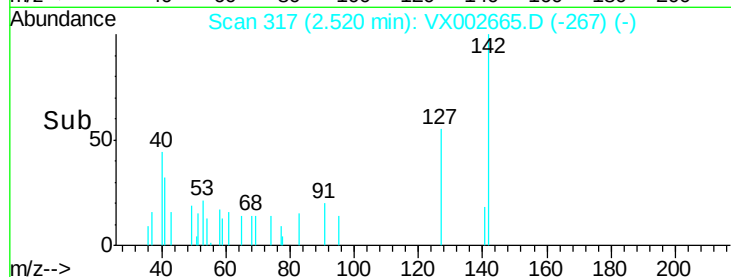
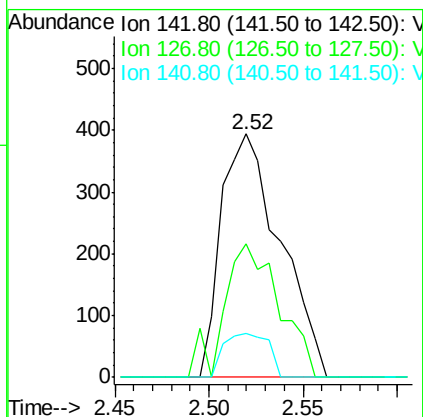
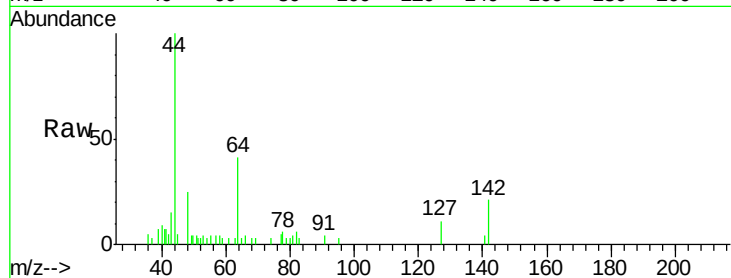




#10
Methvl Iodide
Concen: 5.415 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

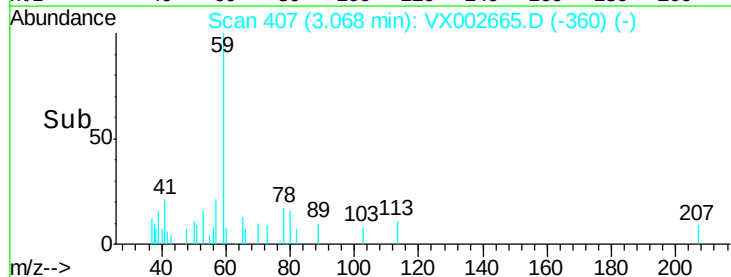
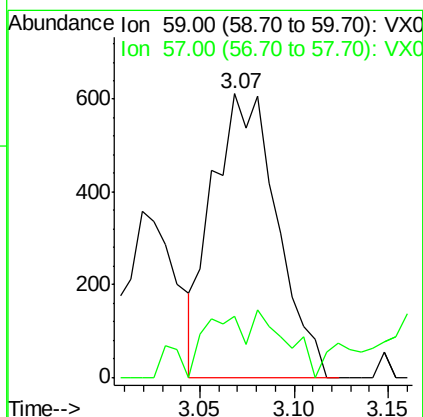
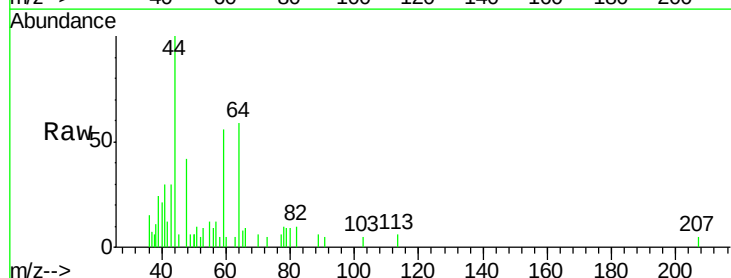
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-11-8.0-061318

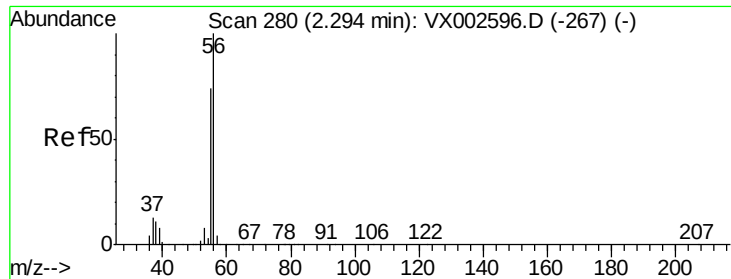
Tot Ion:142 Resp: 855
Ion Ratio Lower Upper
142 100
127 51.2 36.6 55.0
141 13.6 11.3 16.9



#11
Tert butyl alcohol
Concen: 2.259 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

Tgt Ion: 59 Resp: 1451
Ion Ratio Lower Upper
59 100
57 16.7 8.2 12.2#





#13

Acrolein

Concen: 7.354 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

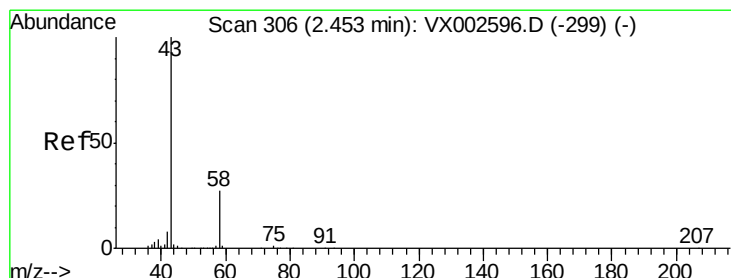
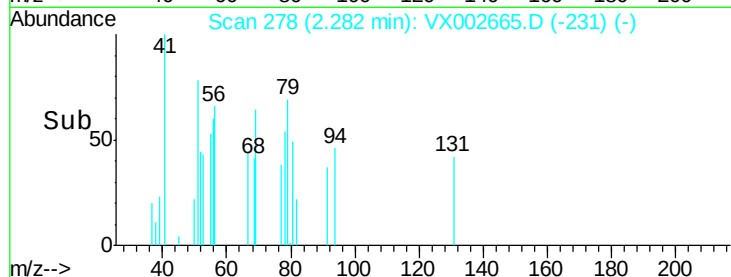
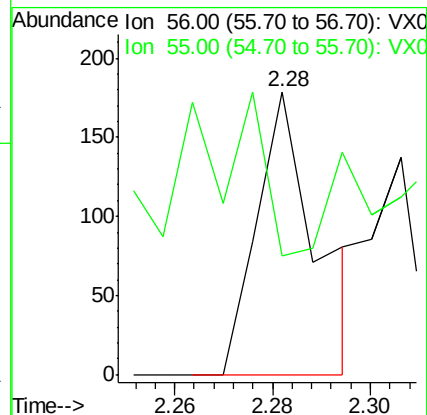
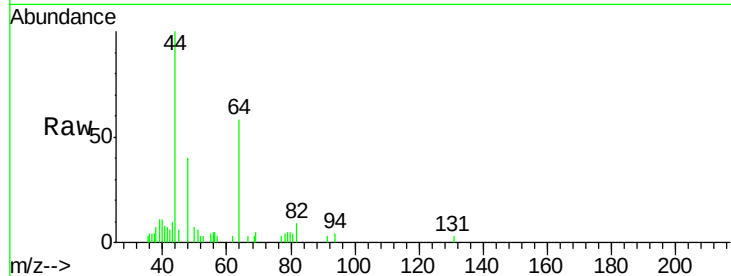
T11-MW-11-8.0-061318

Tot Ion: 56 Resp: 152

Ion Ratio Lower Upper

56 100

55 51.3 57.0 85.4#



#16

Acetone

Concen: 80.541 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002665.D

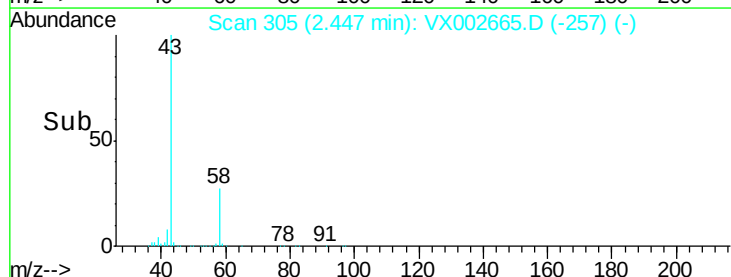
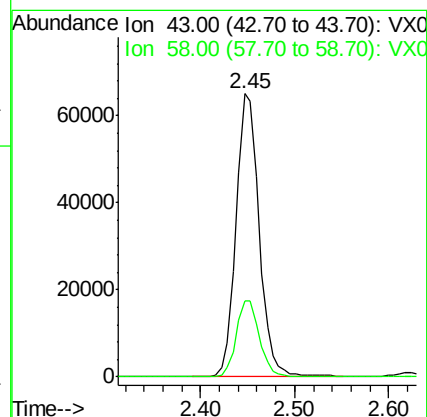
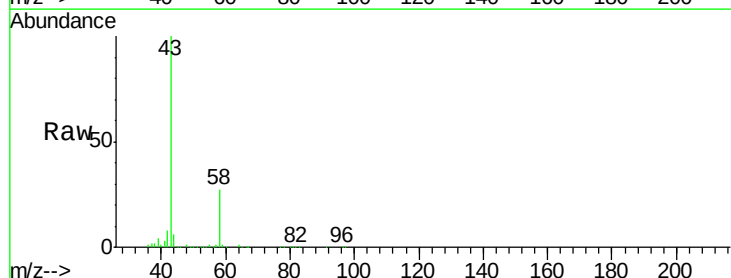
Acq: 16 Jun 2018 23:24

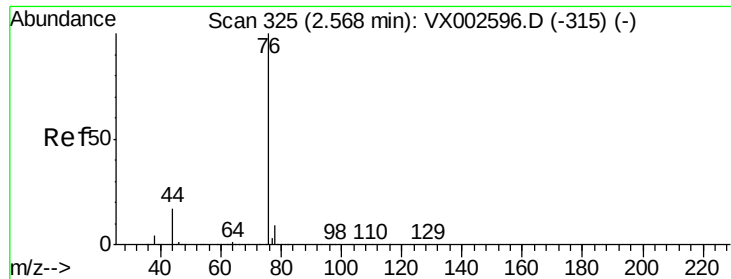
Tgt Ion: 43 Resp: 110425

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1

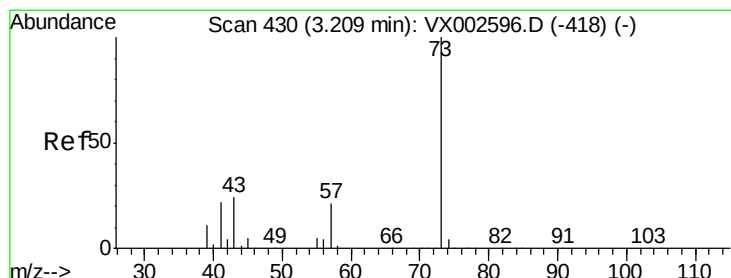
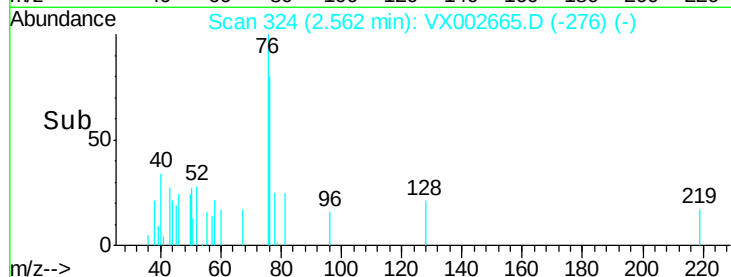
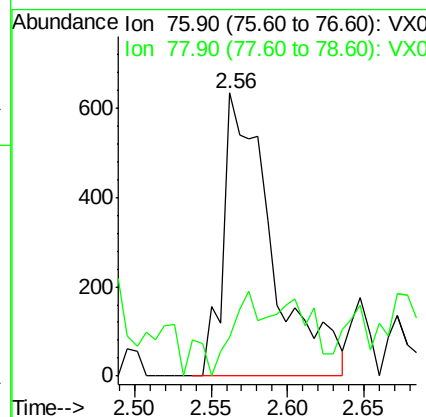
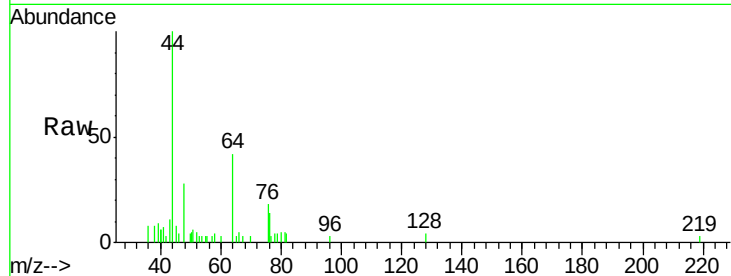




#17
Carbon Disulfide
Concen: 0.255 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

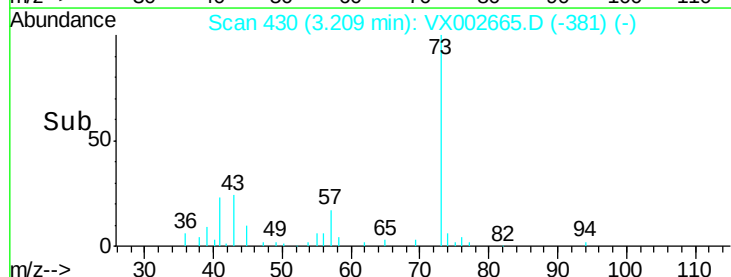
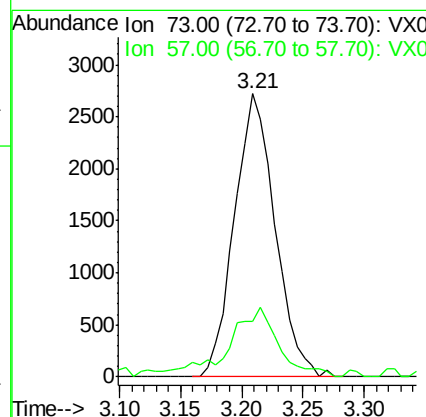
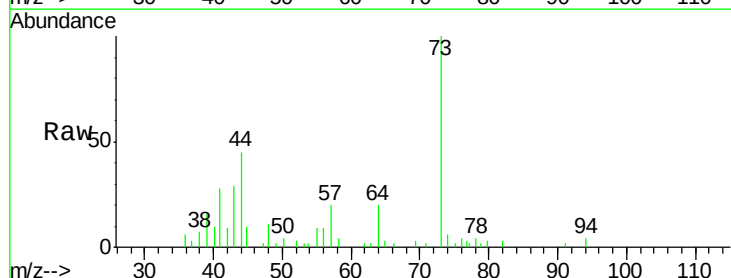
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-11-8.0-061318

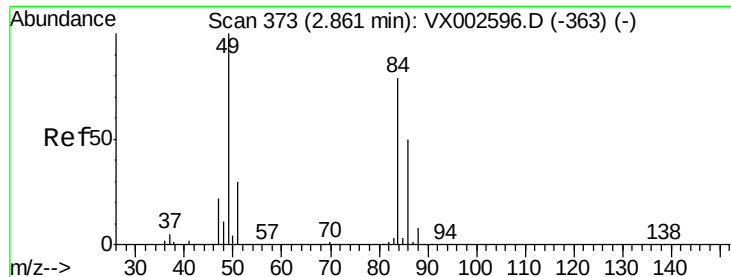
Tot Ion: 76 Resp: 1383
Ion Ratio Lower Upper
76 100
78 0.8 6.9 10.3#



#19
Methyl tert-butyl Ether
Concen: 0.732 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

Tgt Ion: 73 Resp: 6273
Ion Ratio Lower Upper
73 100
57 19.8 17.7 26.5

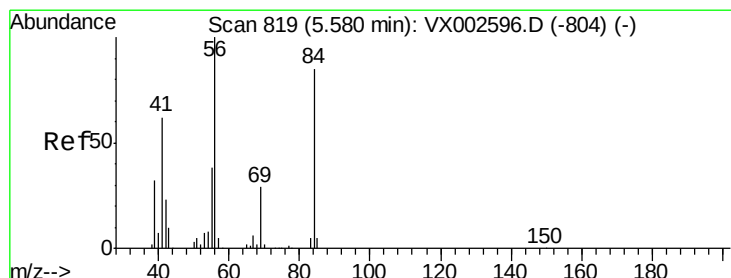
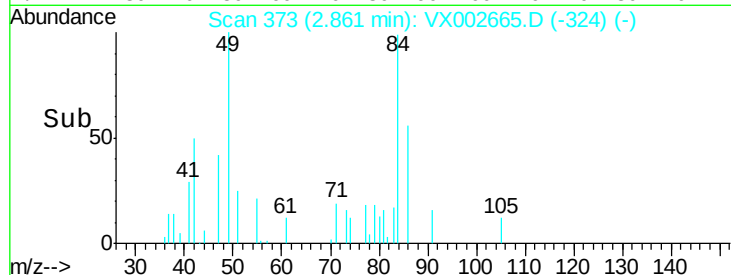
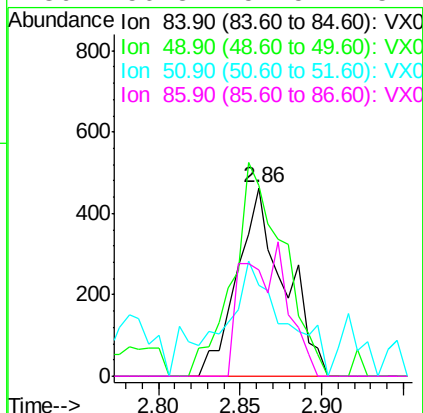
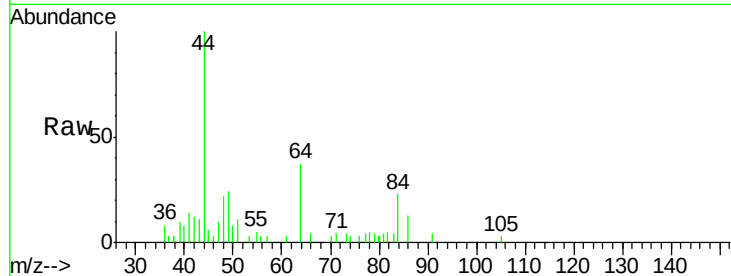




#20
Methylene Chloride
Concen: 0.331 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

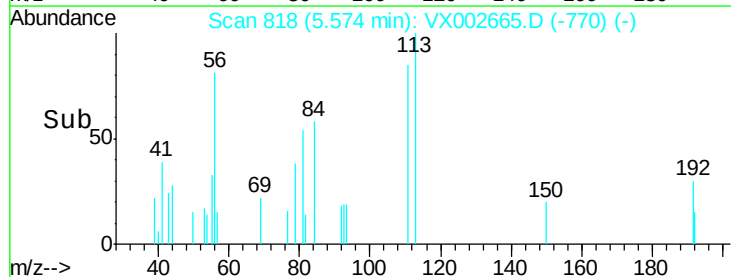
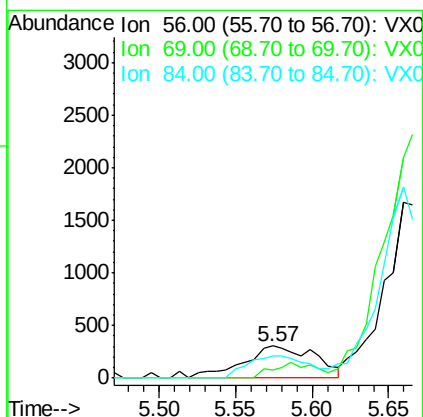
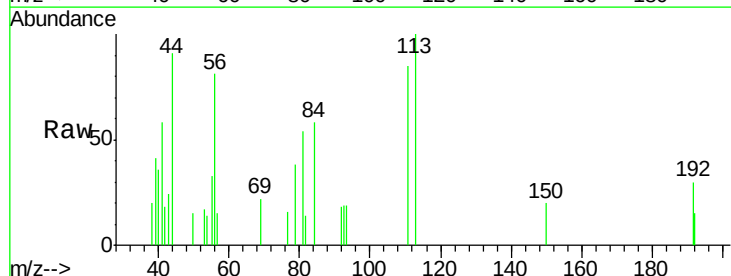
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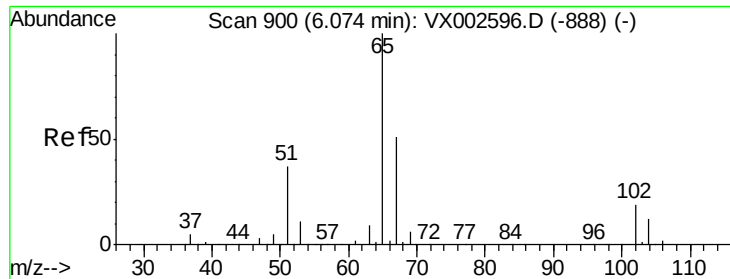
Tot Ion: 84 Resp: 931
Ion Ratio Lower Upper
84 100
49 100.9 107.8 161.6#
51 33.2 32.8 49.2
86 56.3 52.5 78.7



#31
Cyclohexane
Concen: 0.274 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

Tgt Ion: 56 Resp: 1004
Ion Ratio Lower Upper
56 100
69 27.3 23.7 35.5
84 71.1 64.1 96.1

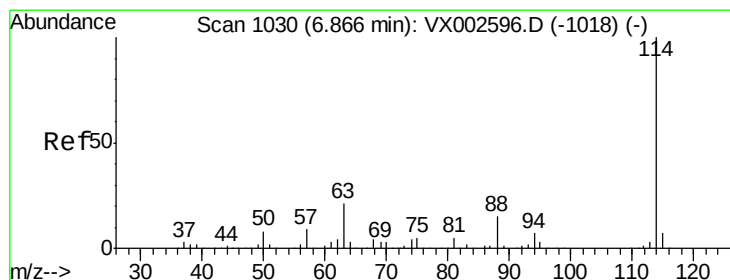
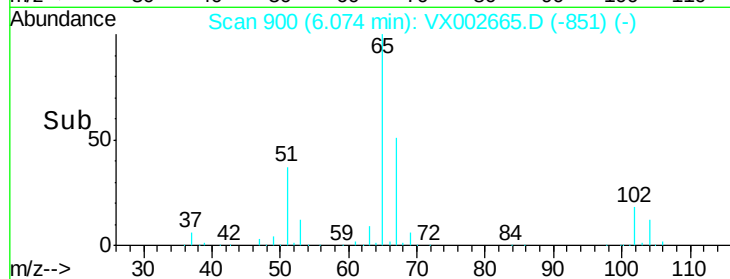
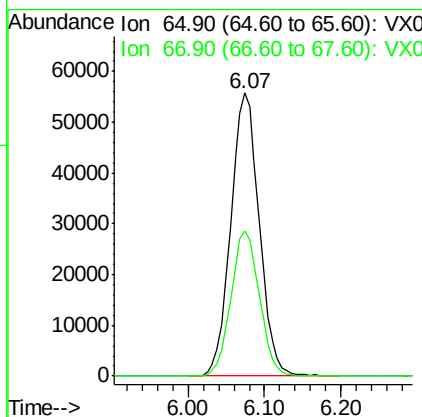
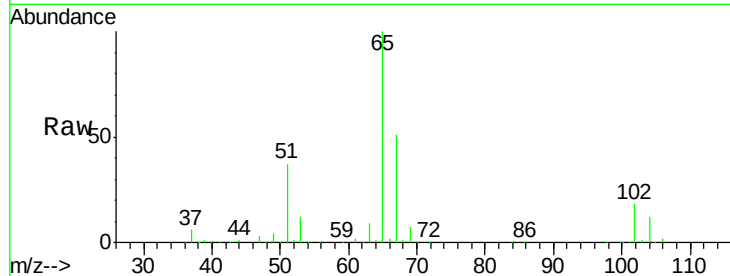




#33
 1,2-Dichloroethane-d4
 Concen: 46.228 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002665.D
 Acq: 16 Jun 2018 23:24

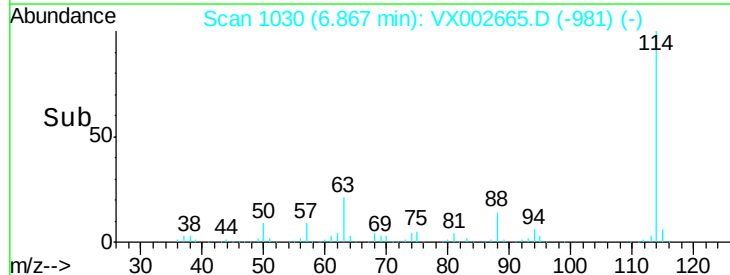
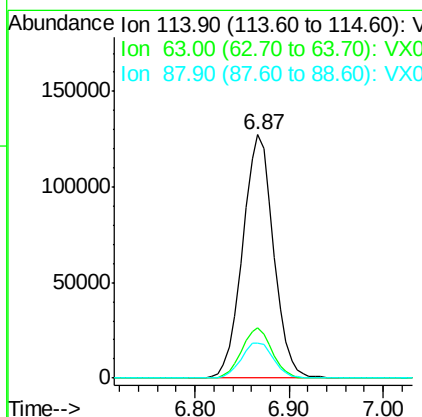
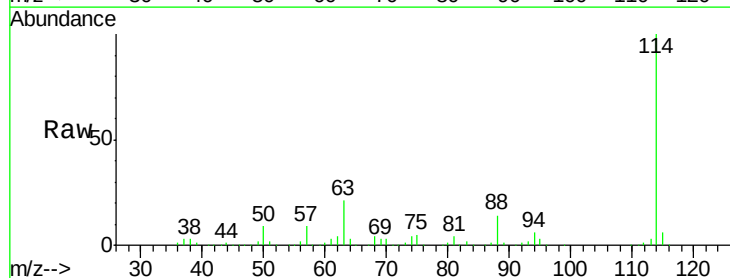
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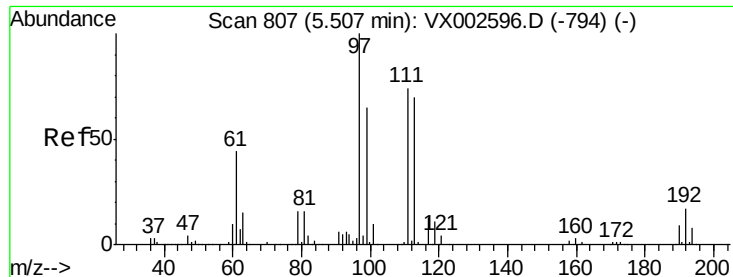
Tot Ion: 65 Resp: 143659
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002665.D
 Acq: 16 Jun 2018 23:24

Tgt Ion: 114 Resp: 292557
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 14.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.659 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-11-8.0-061318

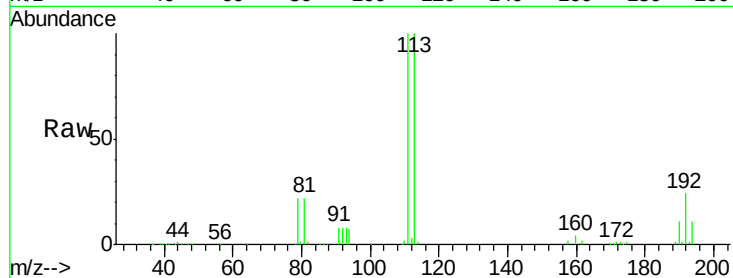
Tot Ion:113 Resp: 111279

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

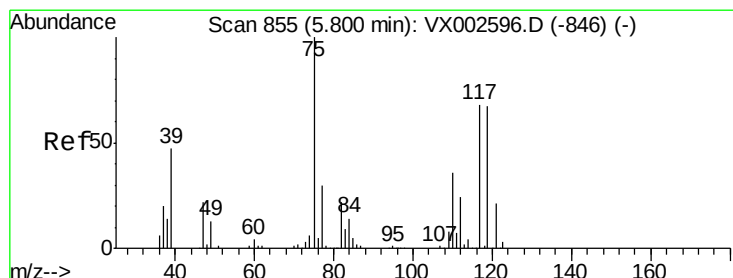
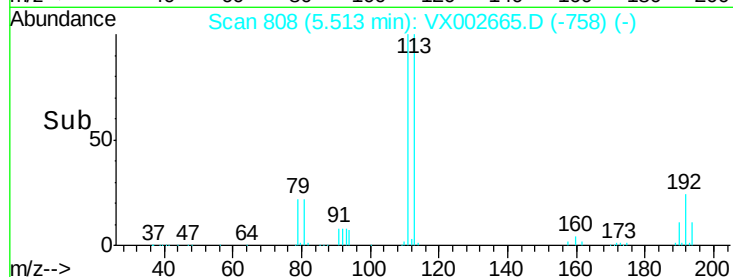
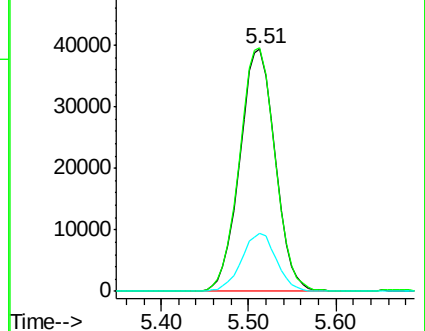
192 23.6 19.1 28.7



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: 4.787 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

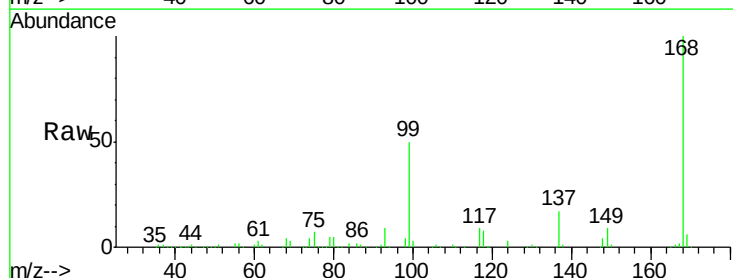
Tgt Ion: 75 Resp: 14873

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.4#

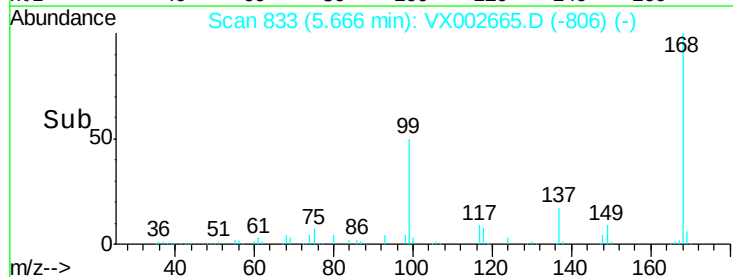
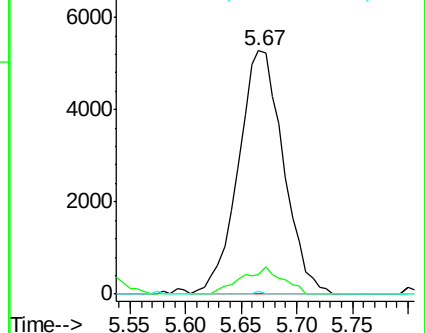
77 0.1 24.3 36.5#

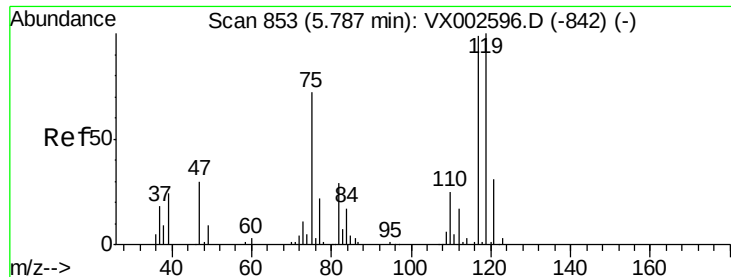


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

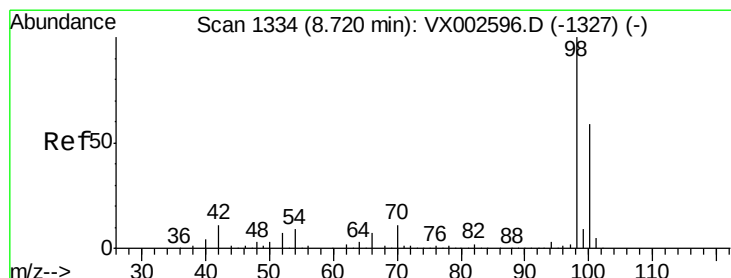
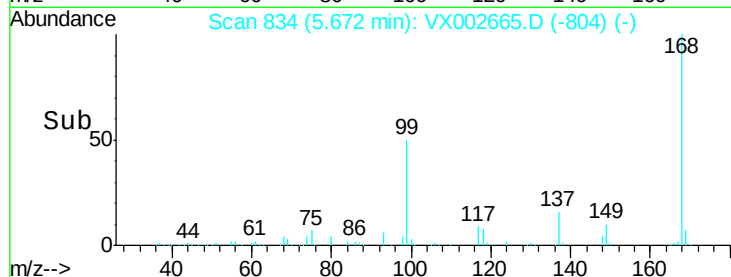
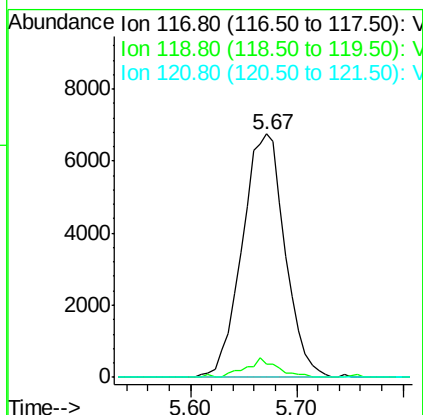
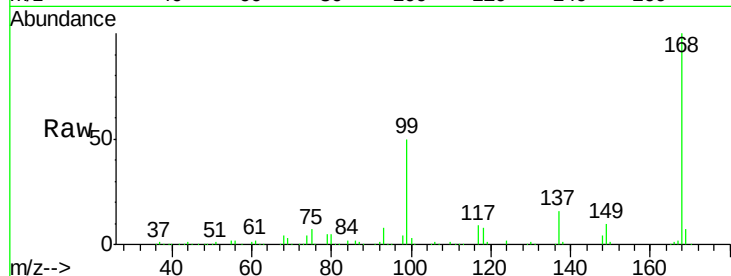




#38
Carbon Tetrachloride
Concen: 6.140 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

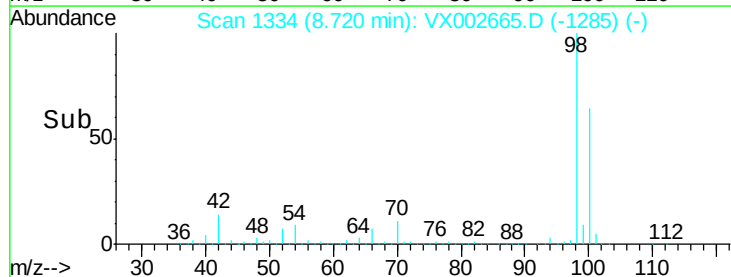
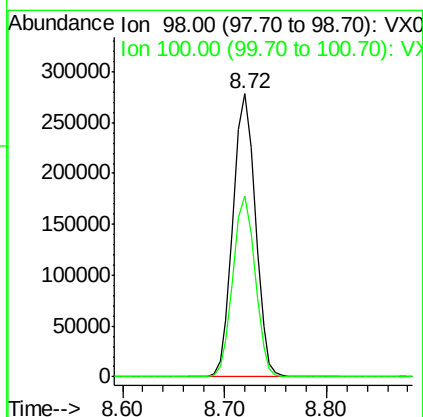
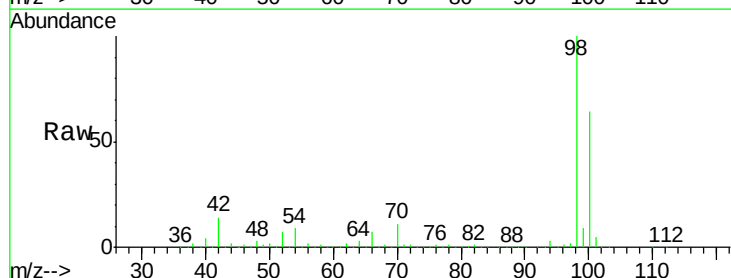
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-11-8.0-061318

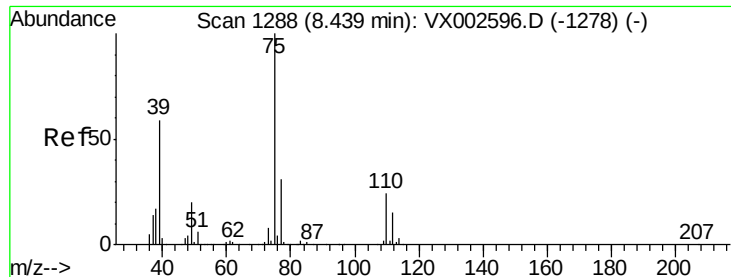
Tot Ion:117 Resp: 18998
Ion Ratio Lower Upper
117 100
119 5.6 77.4 116.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.840 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

Tgt Ion: 98 Resp: 424127
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

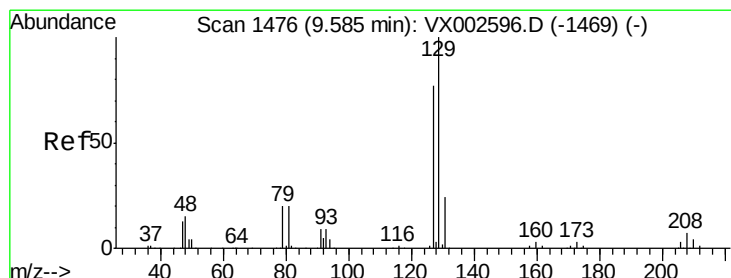
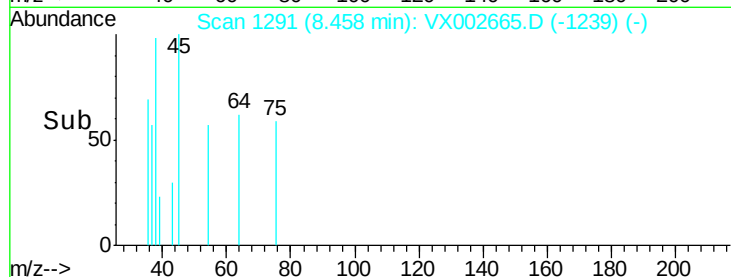
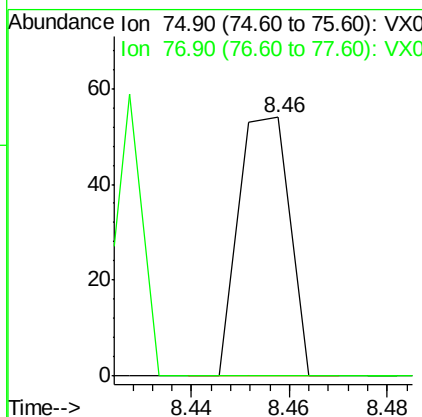
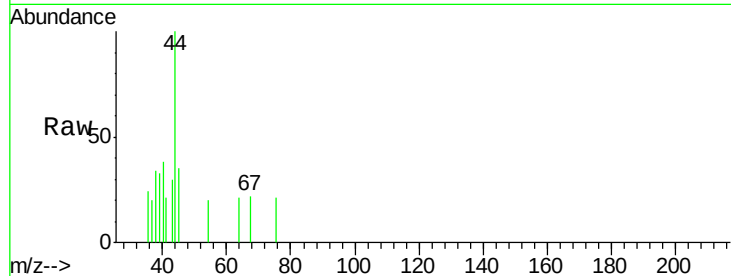




#53
t-1,3-Dichloropropene
Concen: 2.403 ug/l
RT: 8.46 min Scan# 1291
Delta R.T. 0.02 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

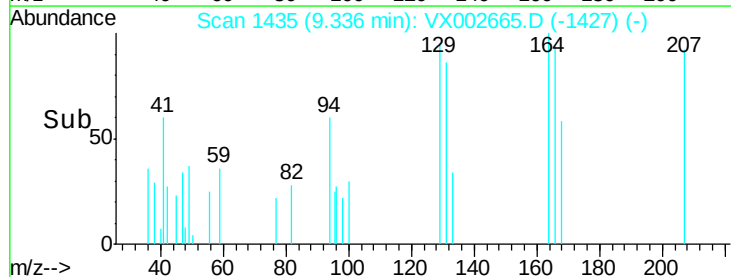
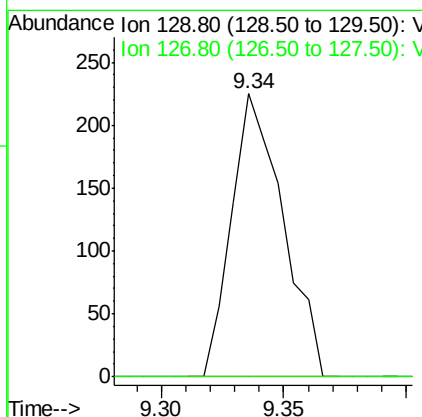
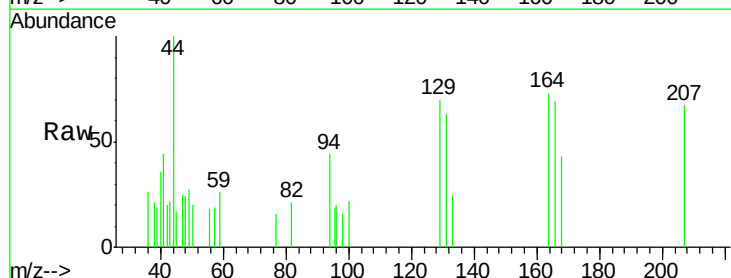
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-11-8.0-061318

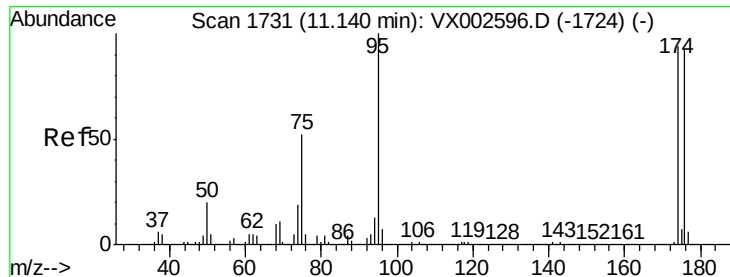
Tot Ion: 75 Resp: 39
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



#60
Dibromochloromethane
Concen: 3.873 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

Tgt Ion: 129 Resp: 328
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

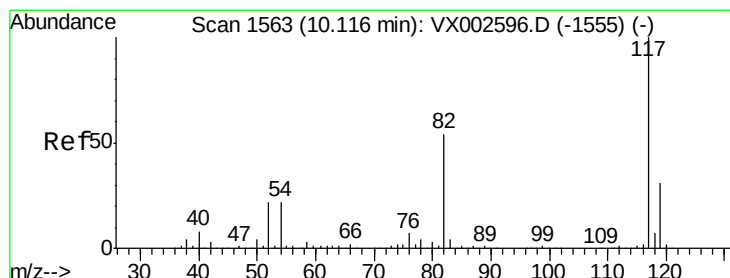
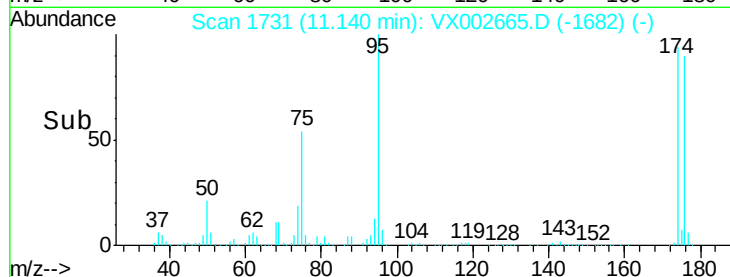
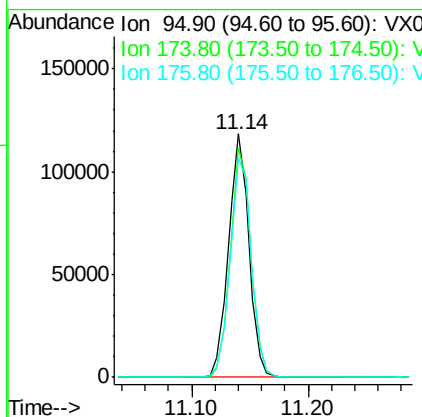
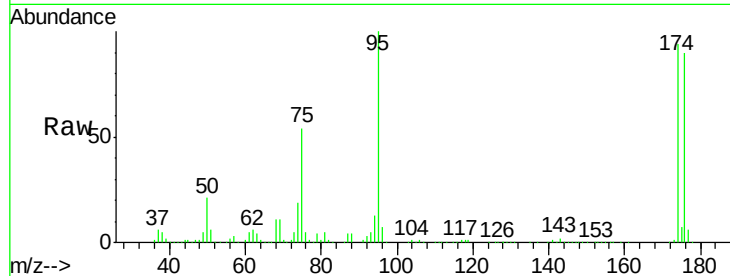




#62
4-Bromofluorobenzene
Concen: 42.802 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

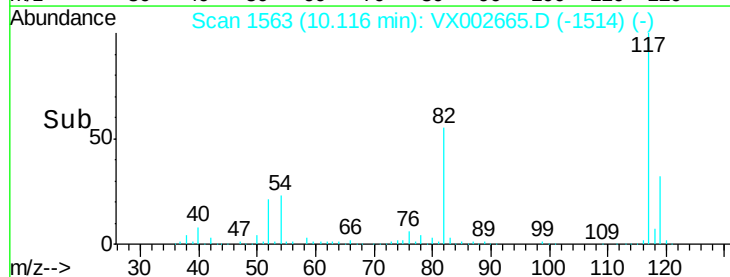
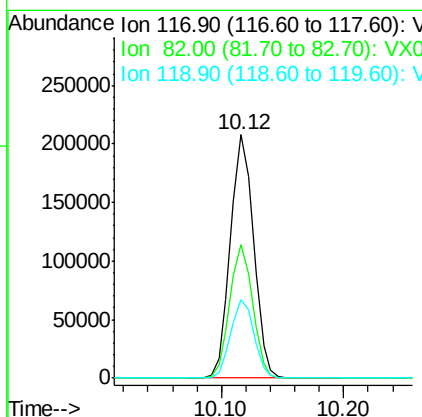
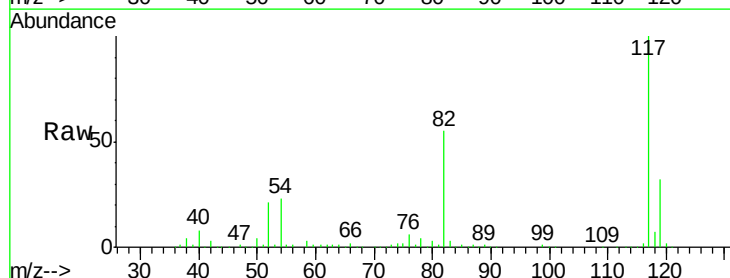
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-11-8.0-061318

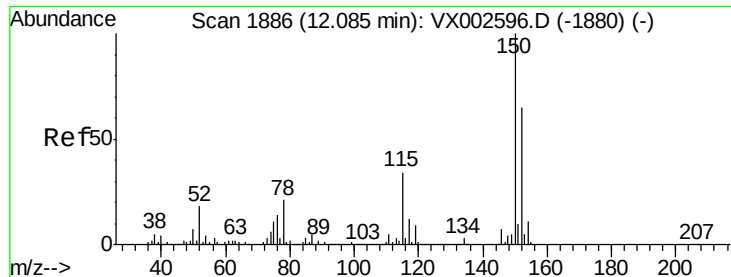
Tot Ion: 95 Resp: 143789
Ion Ratio Lower Upper
95 100
174 96.2 0.0 187.4
176 93.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002665.D
Acq: 16 Jun 2018 23:24

Tgt Ion: 117 Resp: 272106
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.5 25.8 38.6

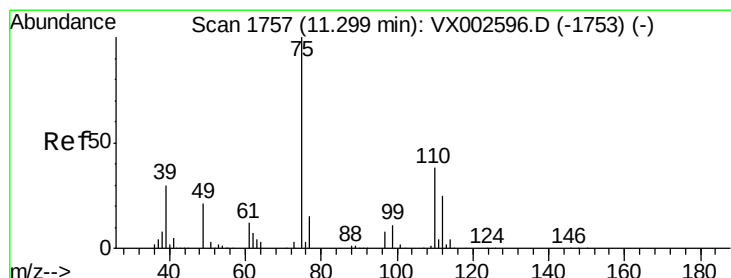
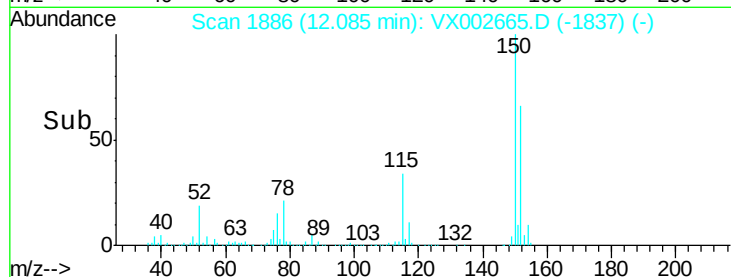
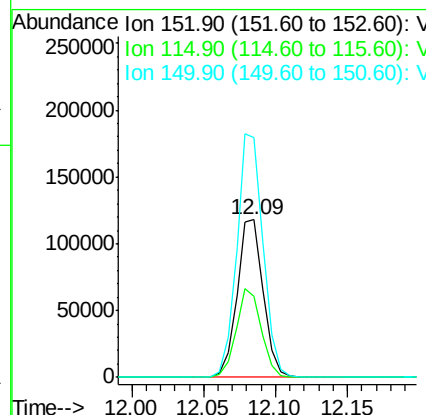
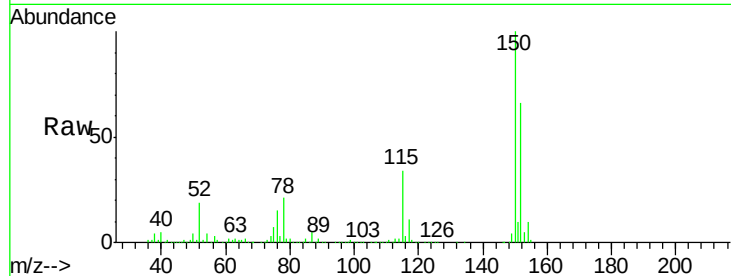




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX002665.D
 Acq: 16 Jun 2018 23:24

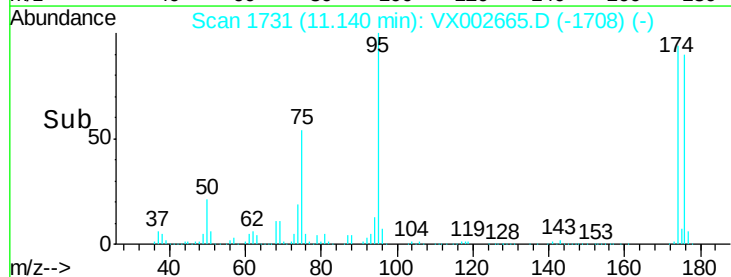
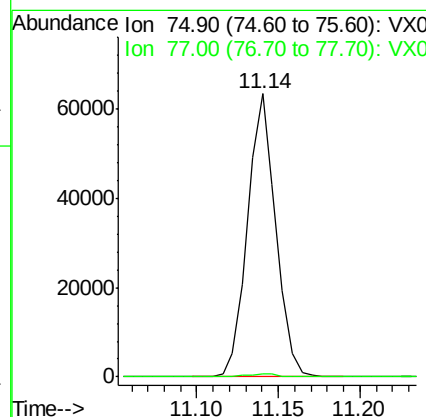
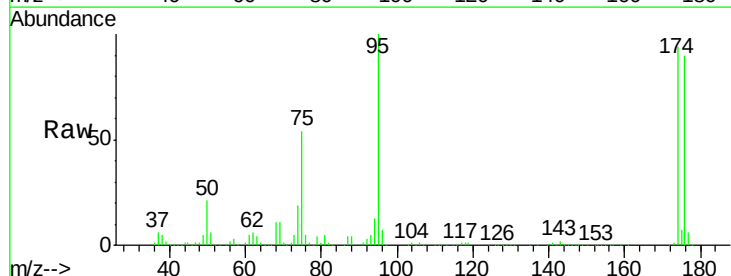
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-11-8.0-061318

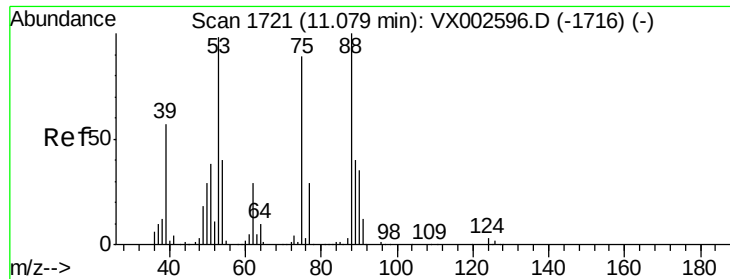
Tot Ion:152 Resp: 149390
 Ion Ratio Lower Upper
 152 100
 115 54.6 40.1 120.2
 150 155.5 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 27.151 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002665.D
 Acq: 16 Jun 2018 23:24

Tgt Ion: 75 Resp: 76538
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 83.792 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002665.D

Acq: 16 Jun 2018 23:24

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-11-8.0-061318

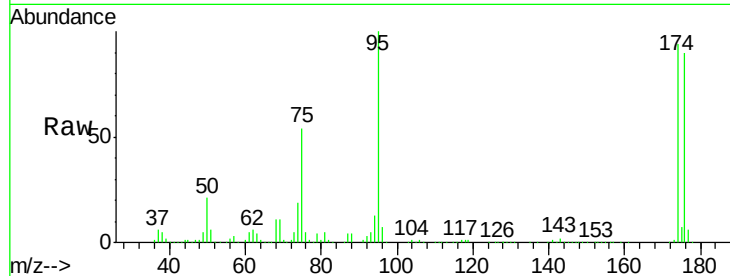
Tot Ion: 75 Resp: 76538

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

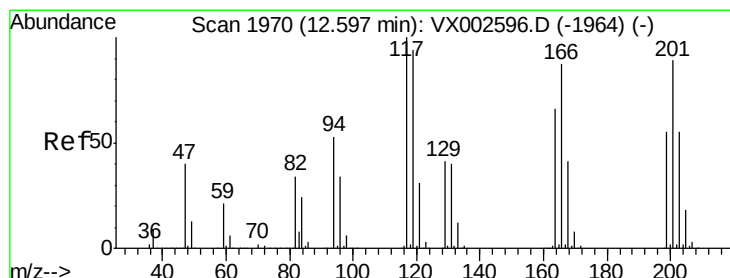
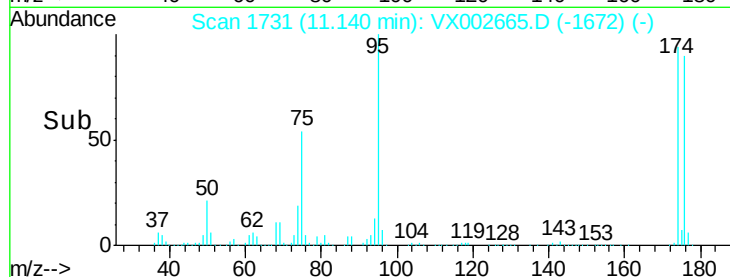
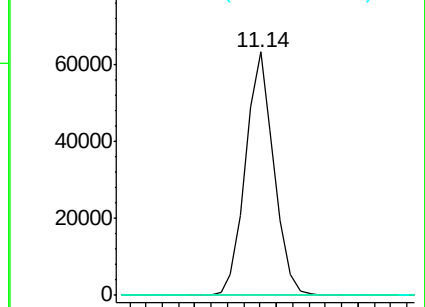
89 0.0 38.2 57.2#



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



#90

Hexachloroethane

Concen: 2.766 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002665.D

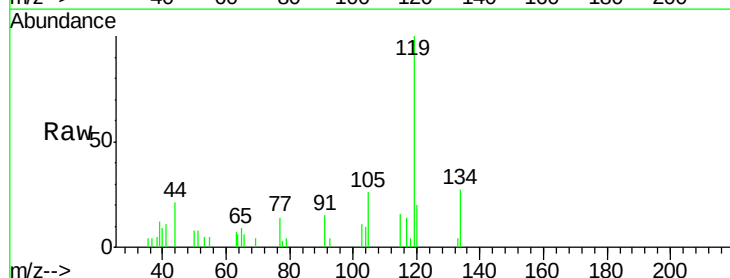
Acq: 16 Jun 2018 23:24

Tgt Ion: 117 Resp: 212

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

