

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003797.D
 Acq On : 10 Jul 2018 01:31
 Operator : SY/AP
 Sample : J3879-02
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1

Quant Time: Jul 10 03:11:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	23884	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	66064	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	7.88	113	58520	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
50) Toluene-d8	10.33	98	148582	34.07	ug/l	0.00
Spiked Amount			Recovery	=	68.14%	
62) 4-Bromofluorobenzene	12.62	95	29027	18.40	ug/l	0.00
Spiked Amount			Recovery	=	36.80%	

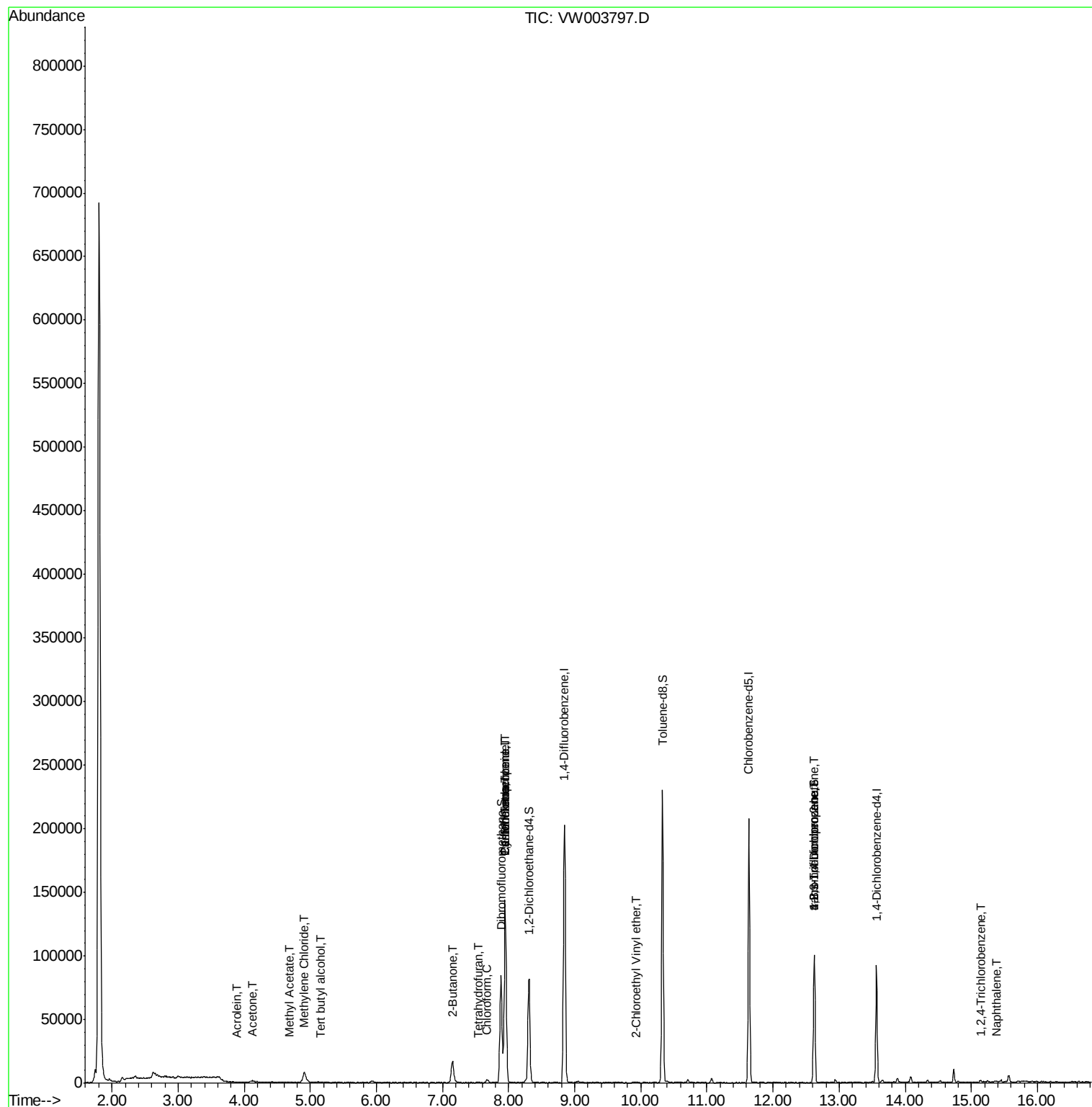
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	403	5.49	ug/l #	70
13) Acrolein	3.89	56	19	4.90	ug/l #	14
16) Acetone	4.12	43	2624	11.17	ug/l	94
18) Methyl Acetate	4.68	43	709	1.07	ug/l #	69
20) Methylene Chloride	4.92	84	6743	1.65	ug/l	86
25) 2-Butanone	7.15	43	1177	3.20	ug/l #	51
29) Tetrahydrofuran	7.54	42	360	1.52	ug/l #	56
30) Chloroform	7.68	83	2347	1.02	ug/l	91
31) Cyclohexane	7.95	56	2940	1.49	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	8989	5.20	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10433	6.35	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.92	63	76	13.29	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	16143	68.83	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16143	168.37	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.14	180	519	1.05	ug/l	83
95) Naphthalene	15.38	128	967	1.09	ug/l #	78

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003797.D

Acq: 10 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

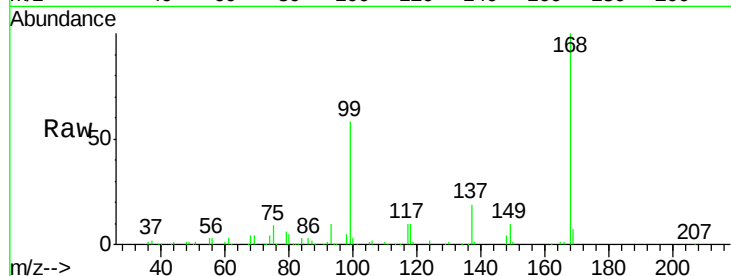
SURCHARGE-SP-1

Tot Ion:168 Resp: 103555

Ion Ratio Lower Upper

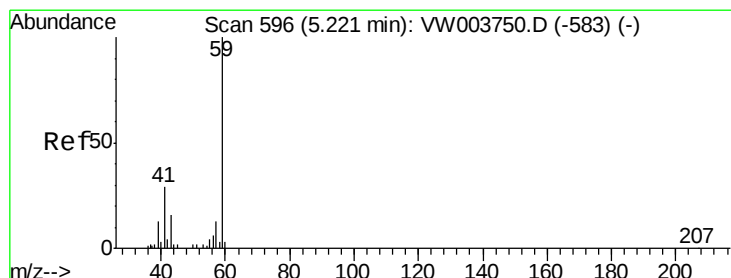
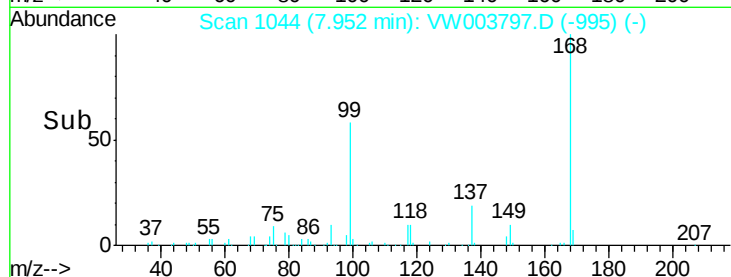
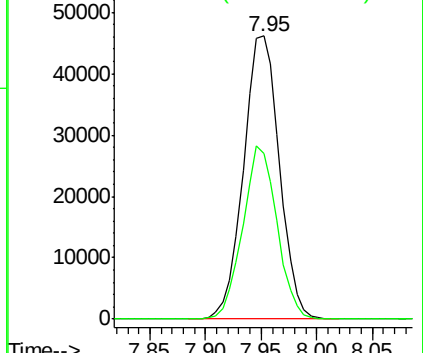
168 100

99 58.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.49 ug/l

RT: 5.16 min Scan# 586

Delta R.T. -0.06 min

Lab File: VW003797.D

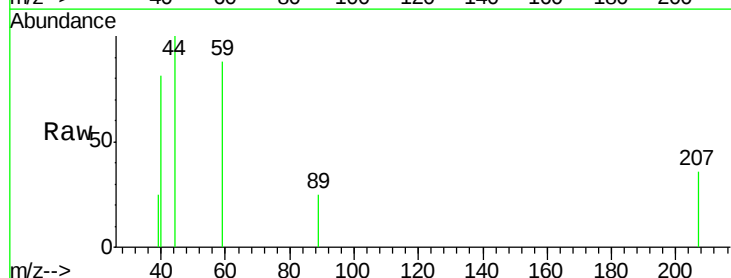
Acq: 10 Jul 2018 01:31

Tgt Ion: 59 Resp: 403

Ion Ratio Lower Upper

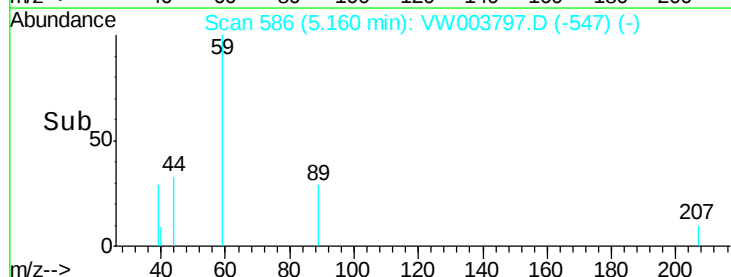
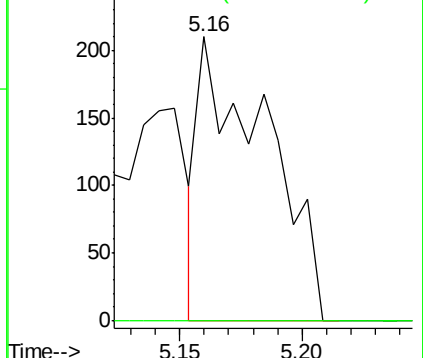
59 100

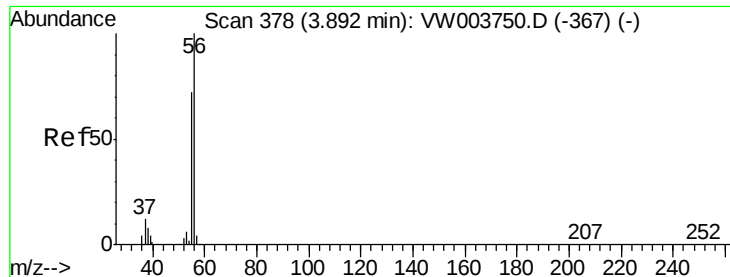
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.90 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW003797.D

Acq: 10 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

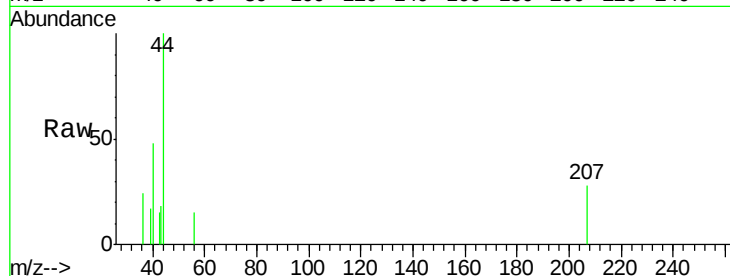
SURCHARGE-SP-1

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

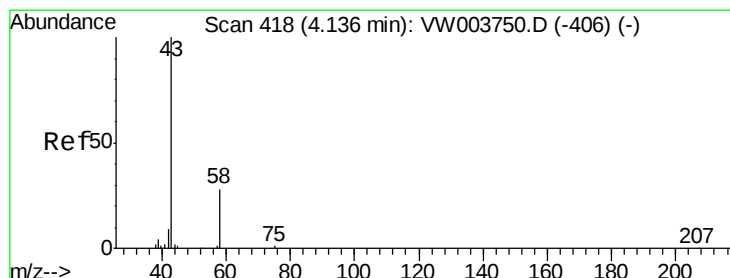
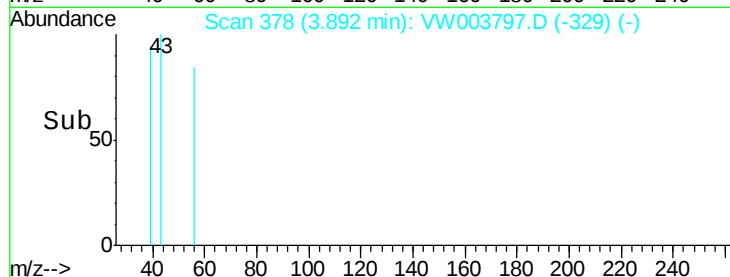
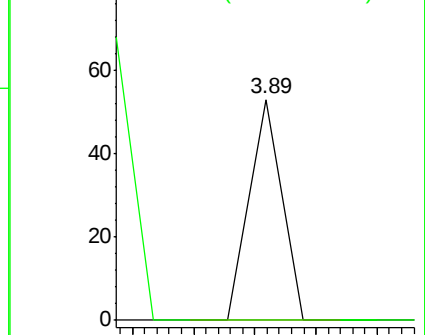
56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 11.17 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003797.D

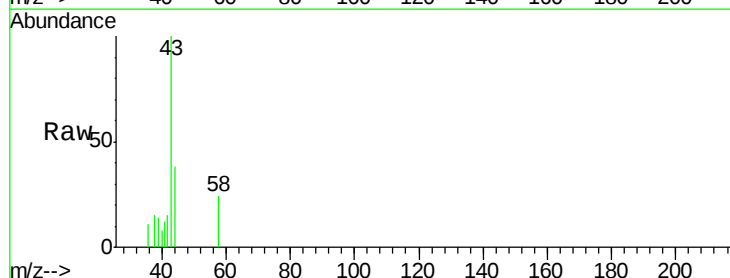
Acq: 10 Jul 2018 01:31

Tgt Ion: 43 Resp: 2624

Ion Ratio Lower Upper

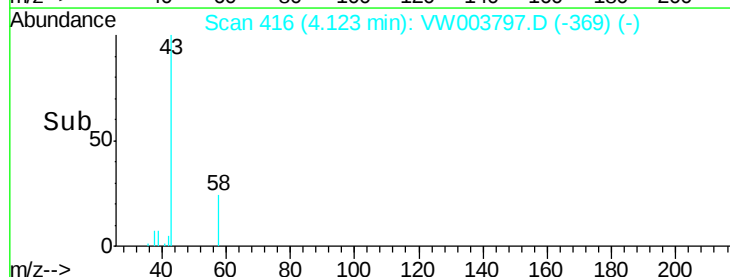
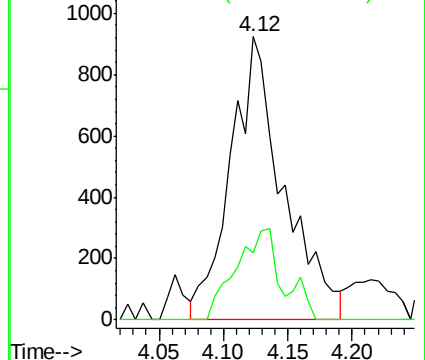
43 100

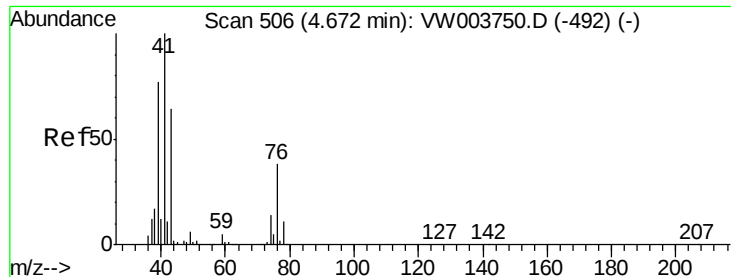
58 25.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

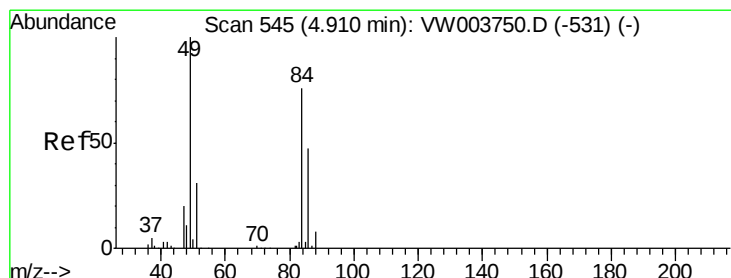
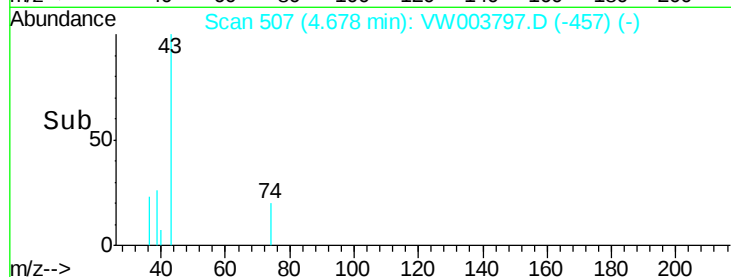
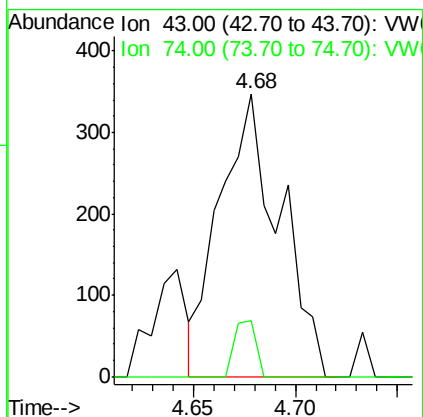
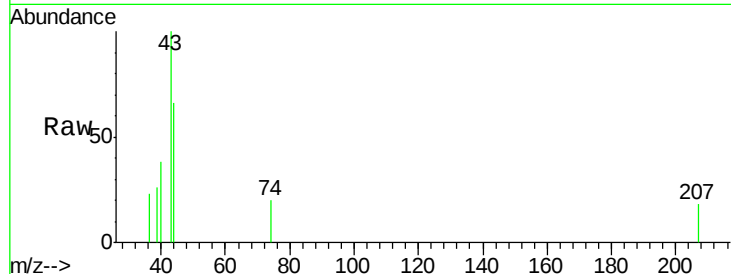




#18
Methyl Acetate
Concen: 1.07 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003797.D
Acq: 10 Jul 2018 01:31

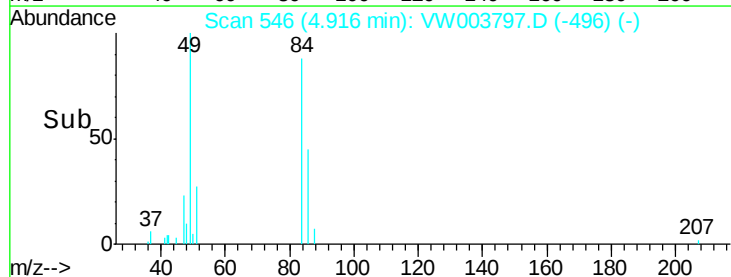
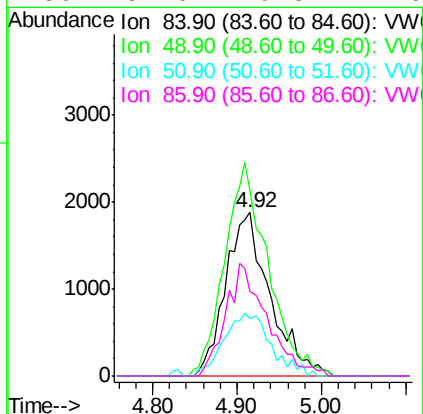
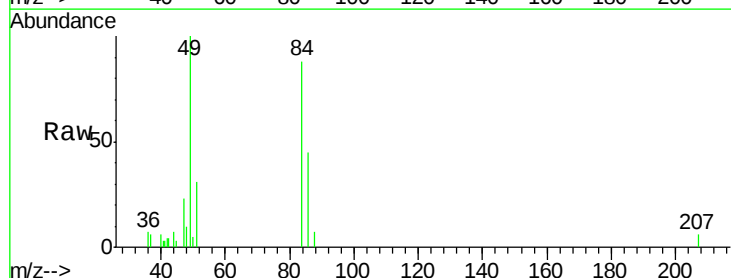
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-1

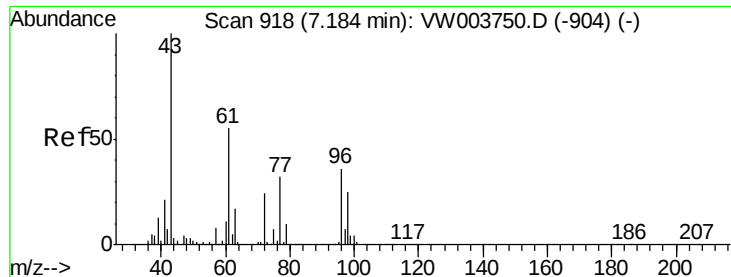
Tot Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
74 6.9 17.3 25.9#



#20
Methylene Chloride
Concen: 1.65 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003797.D
Acq: 10 Jul 2018 01:31

Tgt Ion: 84 Resp: 6743
Ion Ratio Lower Upper
84 100
49 113.6 105.1 157.7
51 35.2 32.5 48.7
86 51.6 49.8 74.6





#25

2-Butanone

Concen: 3.20 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW003797.D

Acq: 10 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

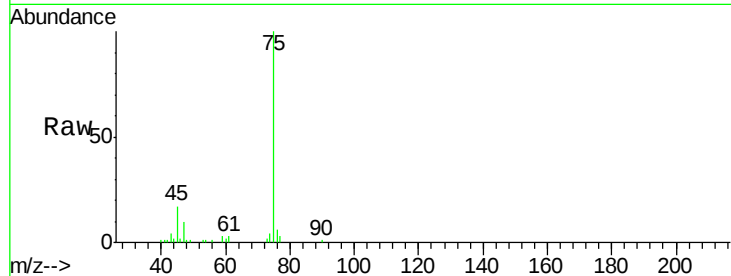
SURCHARGE-SP-1

Tot Ion: 43 Resp: 1177

Ion Ratio Lower Upper

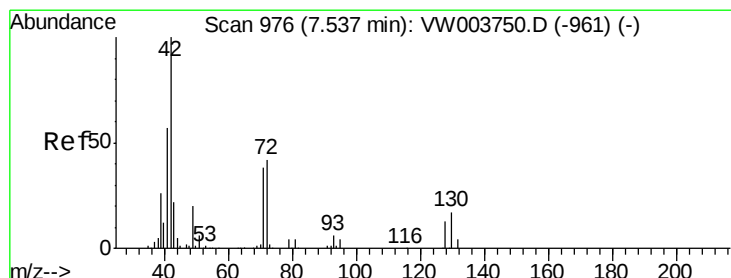
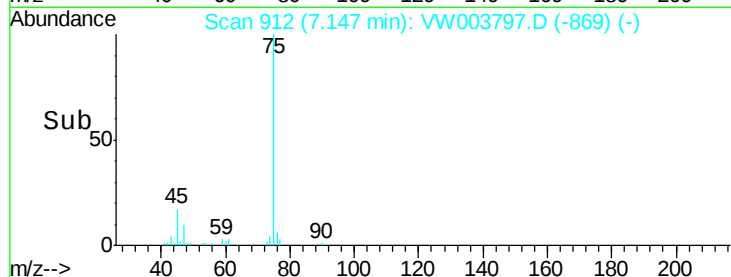
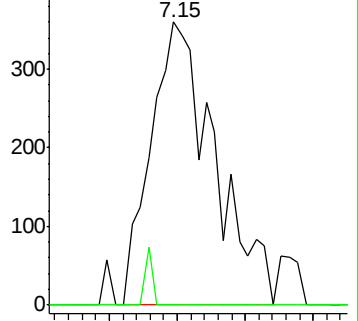
43 100

72 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.52 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003797.D

Acq: 10 Jul 2018 01:31

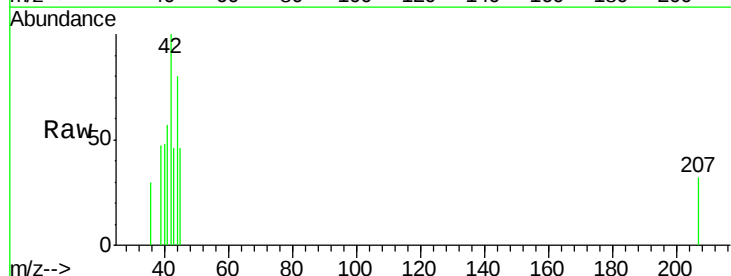
Tgt Ion: 42 Resp: 360

Ion Ratio Lower Upper

42 100

72 12.2 31.8 47.8#

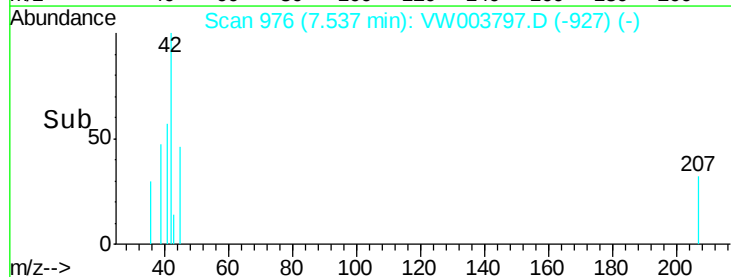
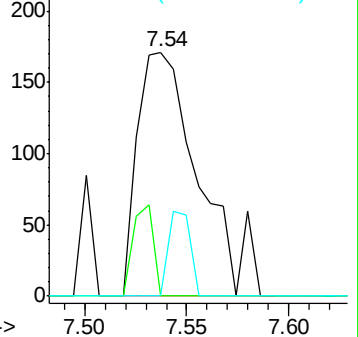
71 11.9 30.3 45.5#

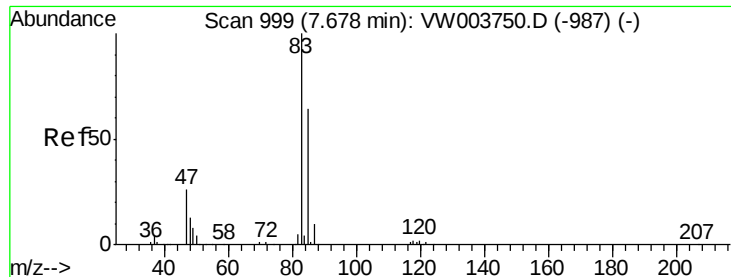


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

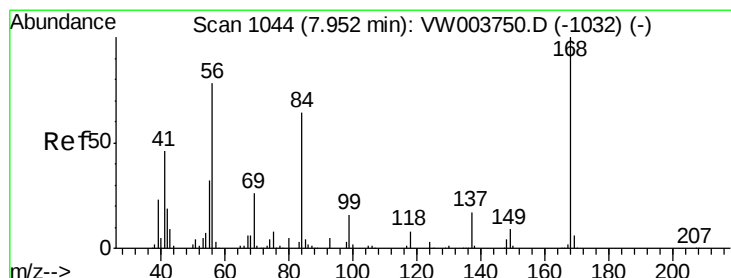
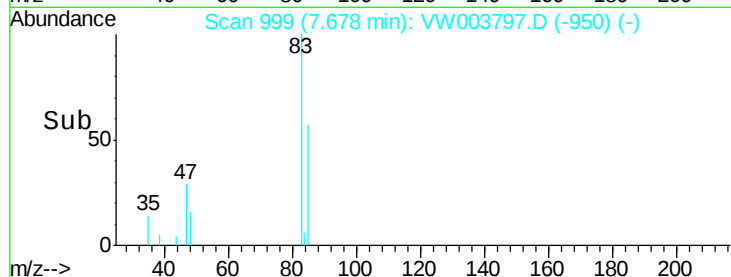
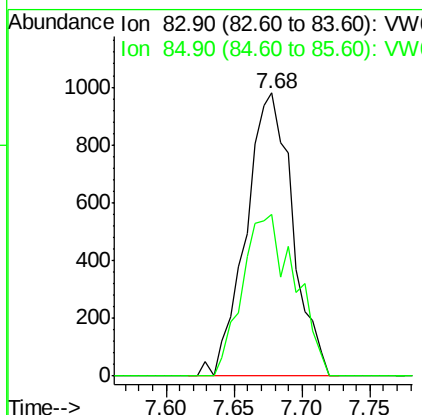
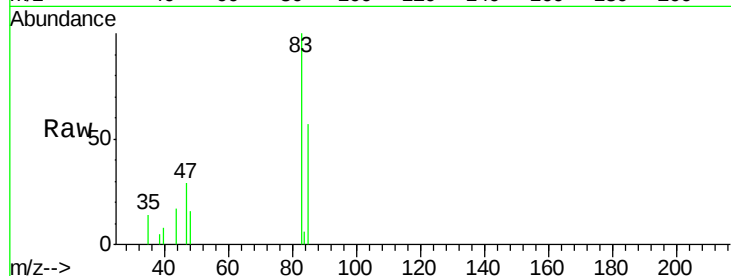




#30
Chloroform
Concen: 1.02 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003797.D
Acq: 10 Jul 2018 01:31

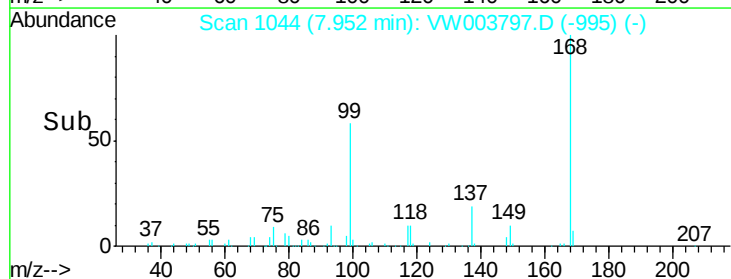
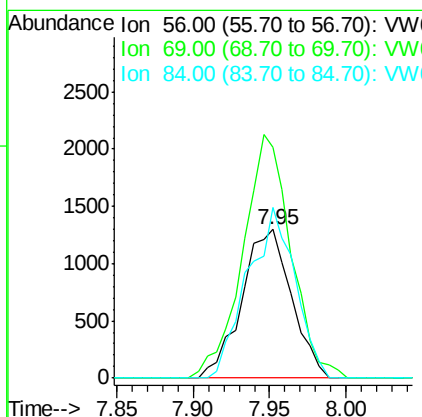
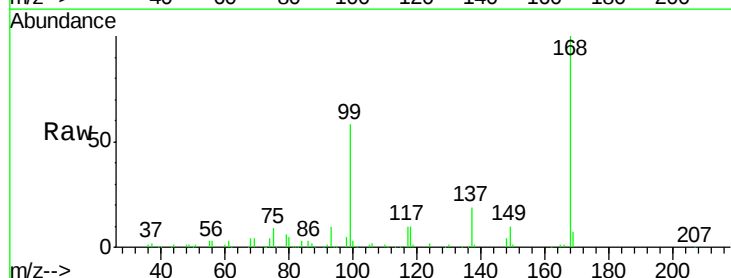
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-1

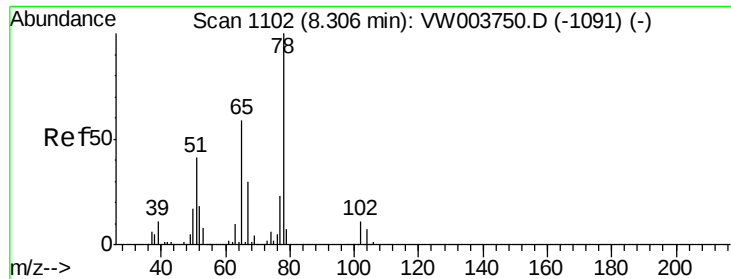
Tot Ion: 83 Resp: 2347
Ion Ratio Lower Upper
83 100
85 57.3 51.5 77.3



#31
Cyclohexane
Concen: 1.49 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003797.D
Acq: 10 Jul 2018 01:31

Tgt Ion: 56 Resp: 2940
Ion Ratio Lower Upper
56 100
69 155.3 26.2 39.4#
84 114.8 65.5 98.3#





#33

1,2-Dichloroethane-d4

Concen: 48.78 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003797.D

Acq: 10 Jul 2018 01:31

Instrument :

MSVOA_W

ClientSampleId :

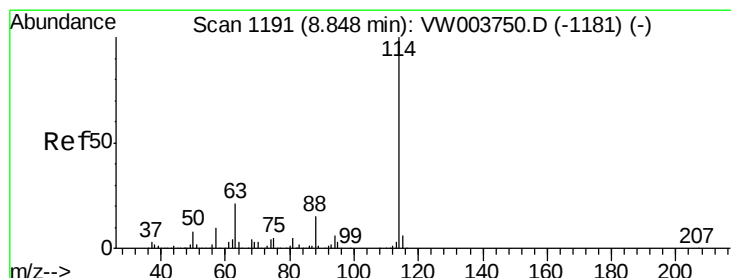
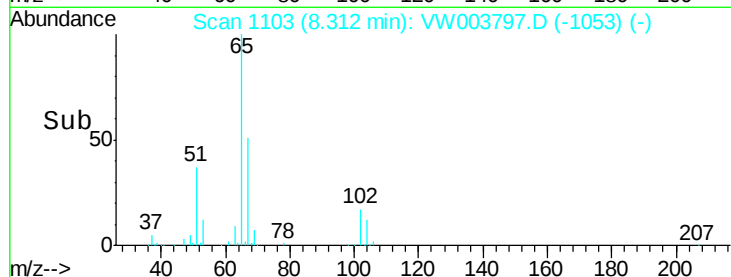
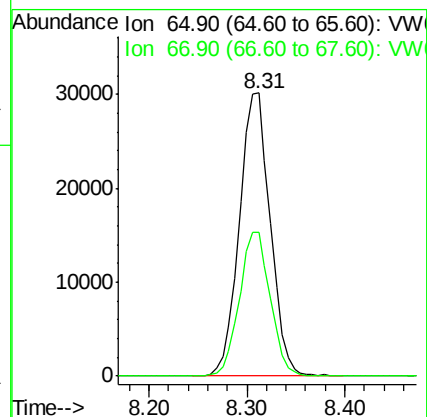
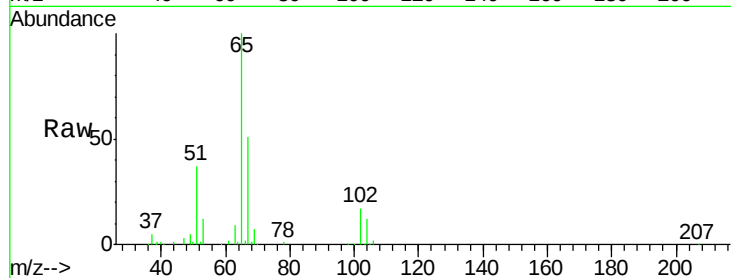
SURCHARGE-SP-1

Tot Ion: 65 Resp: 66064

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003797.D

Acq: 10 Jul 2018 01:31

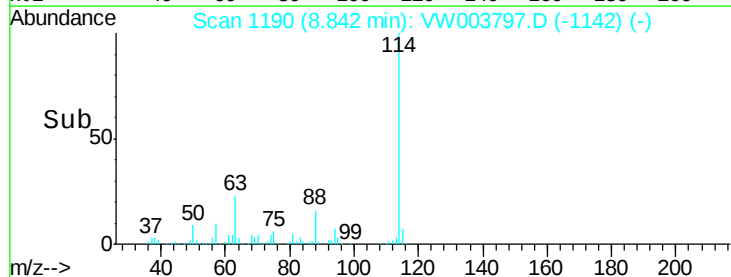
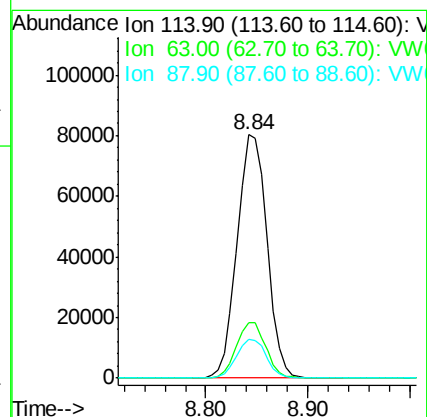
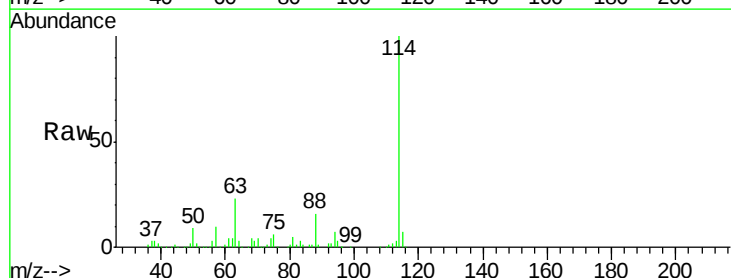
Tgt Ion: 114 Resp: 162899

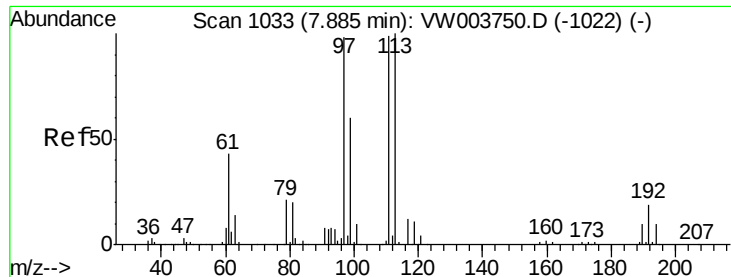
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.2 0.0 30.2

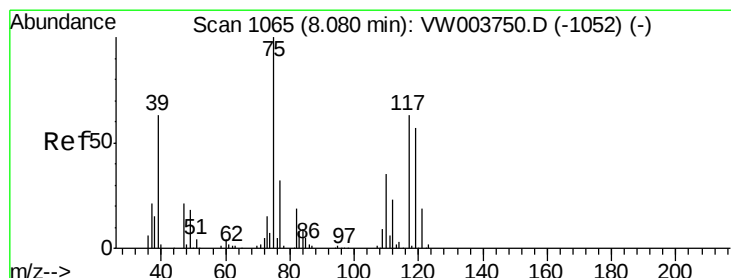
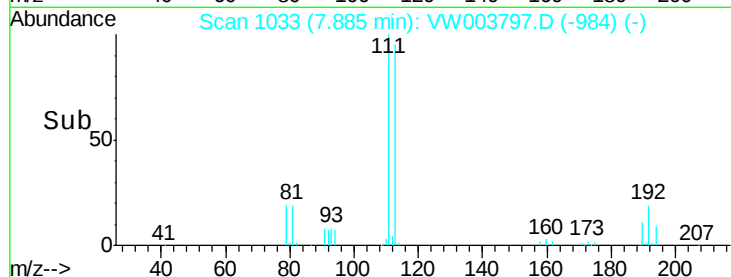
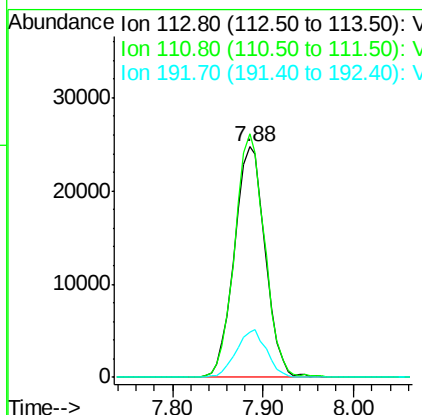
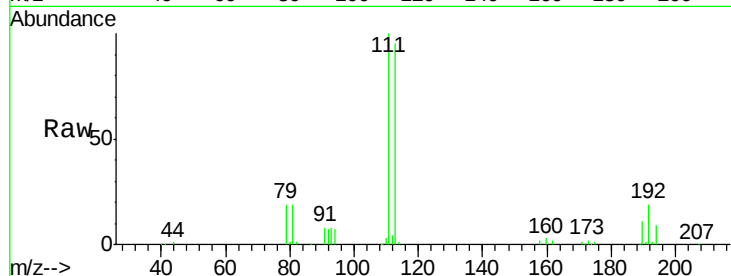




#35
 Dibromofluoromethane
 Concen: 51.33 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

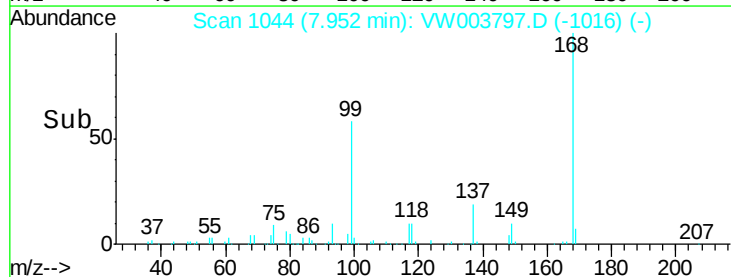
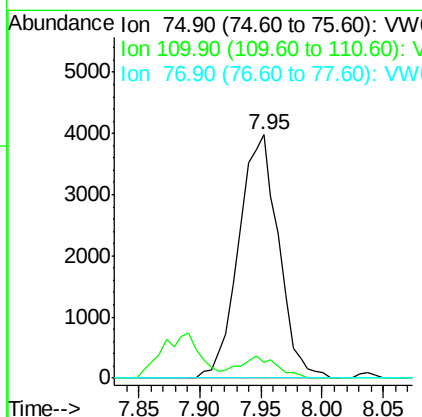
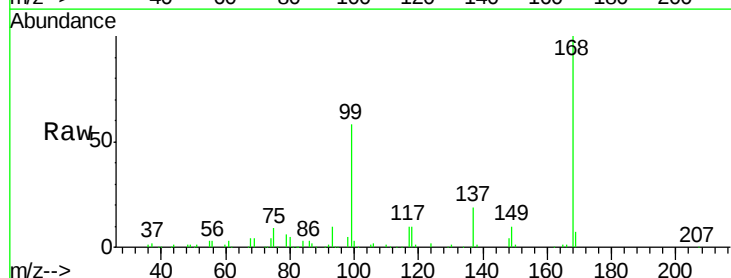
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1

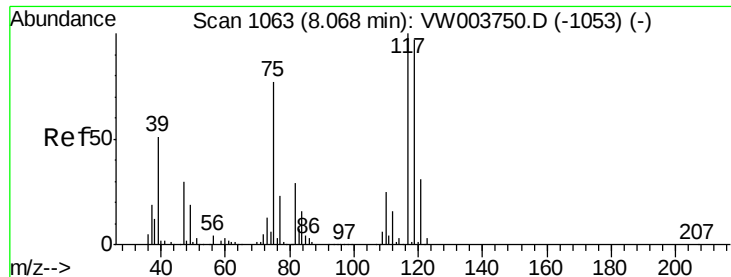
Tot Ion:113 Resp: 58520
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 20.1 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.20 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

Tgt Ion: 75 Resp: 8989
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.35 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003797.D

Acq: 10 Jul 2018 01:31

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-1

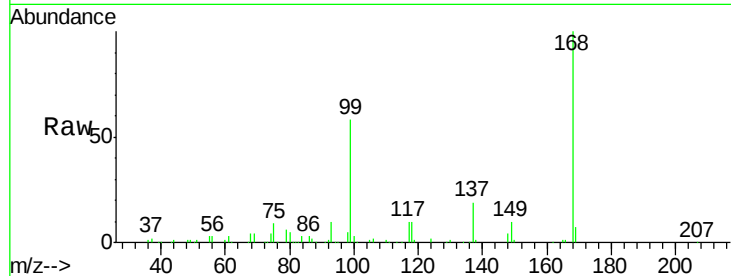
Tot Ion:117 Resp: 10433

Ion Ratio Lower Upper

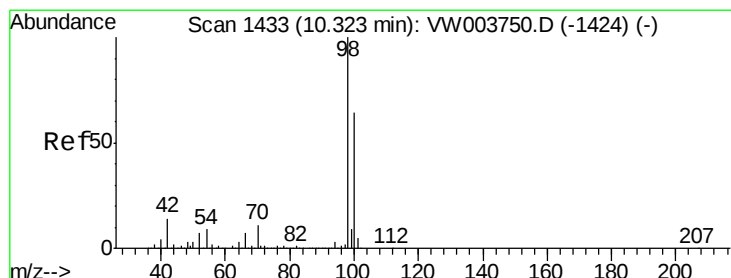
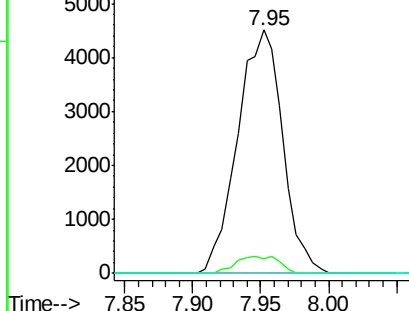
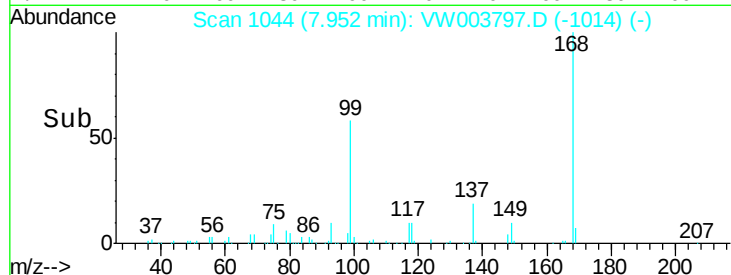
117 100

119 6.2 77.4 116.2#

121 0.0 24.6 37.0#



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



#50

Toluene-d8

Concen: 34.07 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003797.D

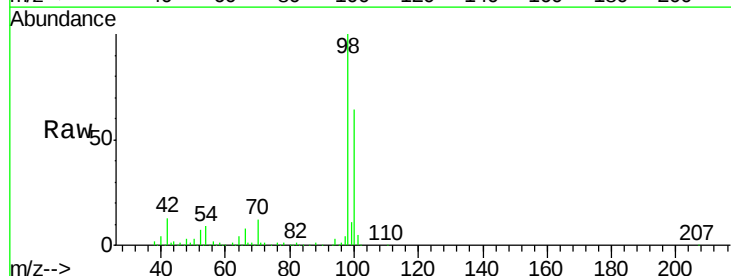
Acq: 10 Jul 2018 01:31

Tgt Ion: 98 Resp: 148582

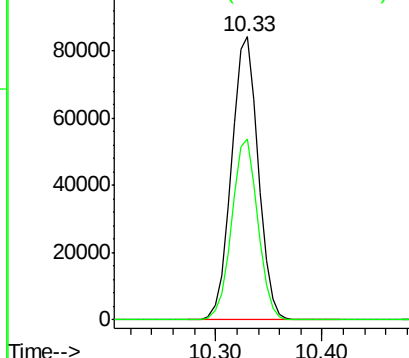
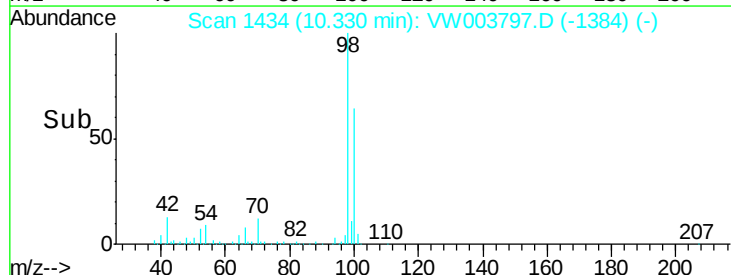
Ion Ratio Lower Upper

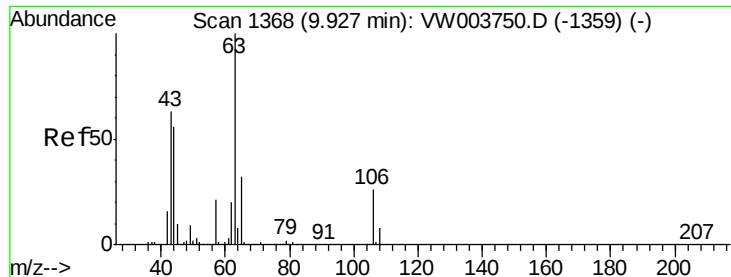
98 100

100 62.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

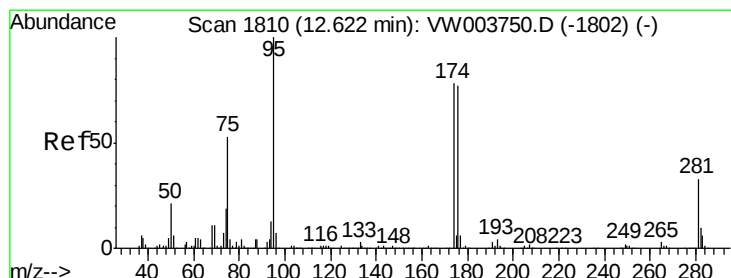
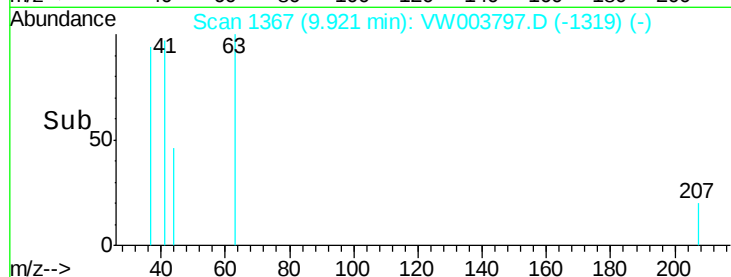
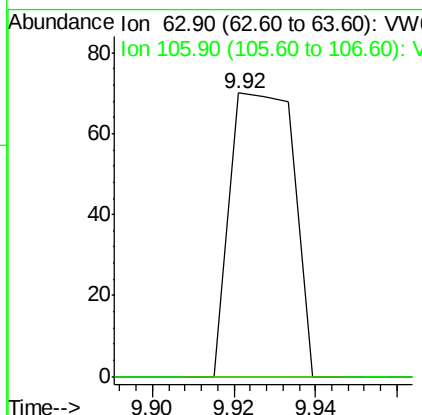
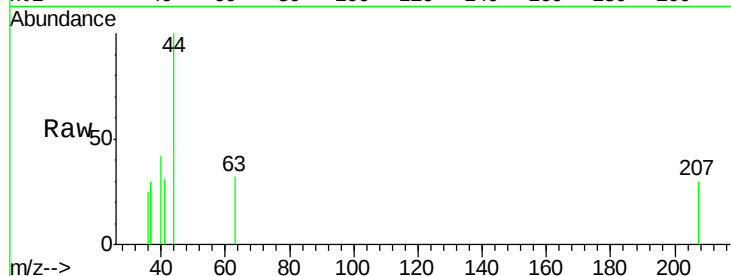




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.29 ug/l
 RT: 9.92 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

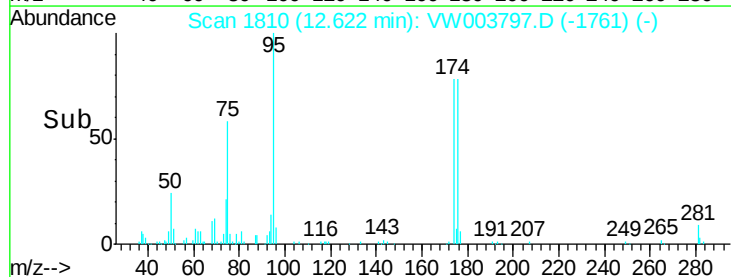
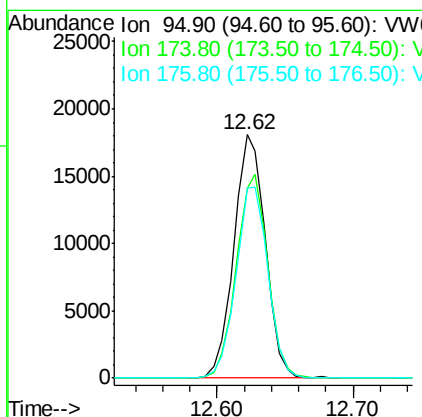
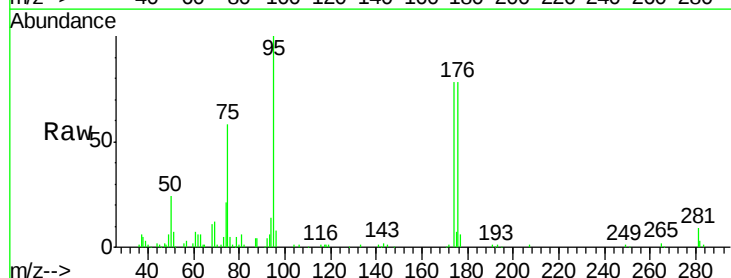
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1

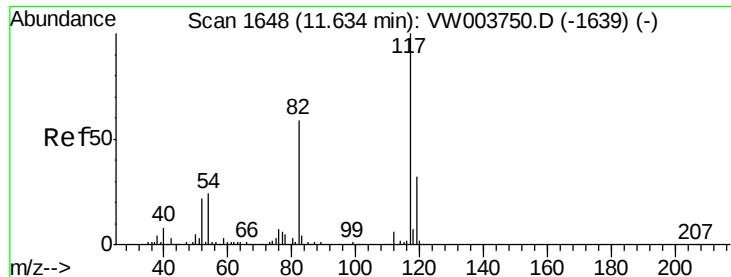
Tot Ion: 63 Resp: 76
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 18.40 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

Tgt Ion: 95 Resp: 29027
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 163.4
 176 80.1 0.0 156.8

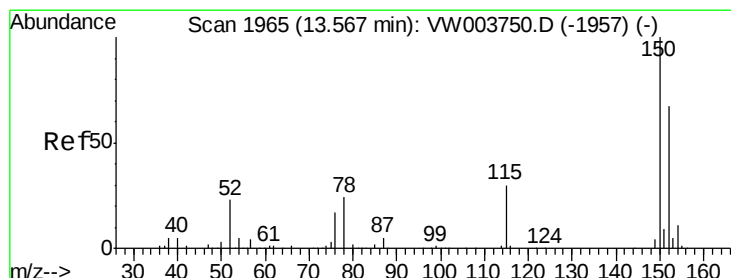
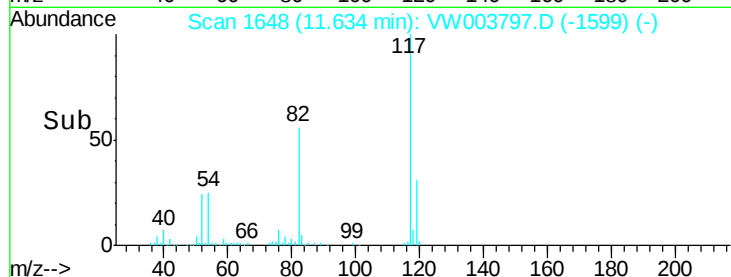
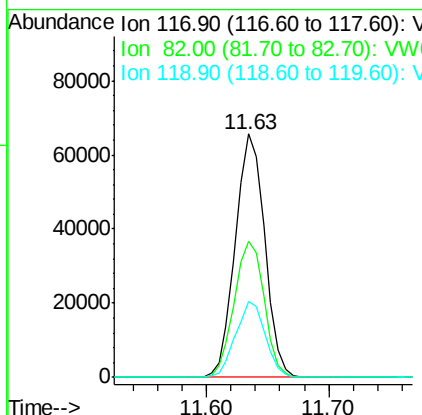
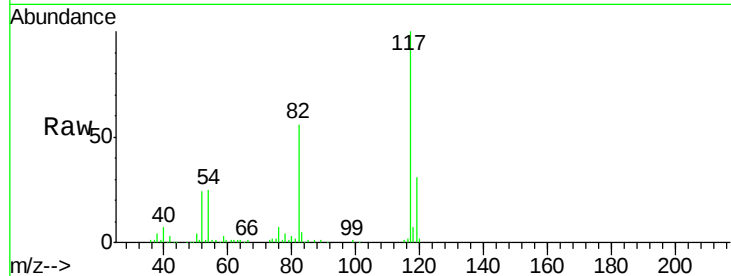




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003797.D
Acq: 10 Jul 2018 01:31

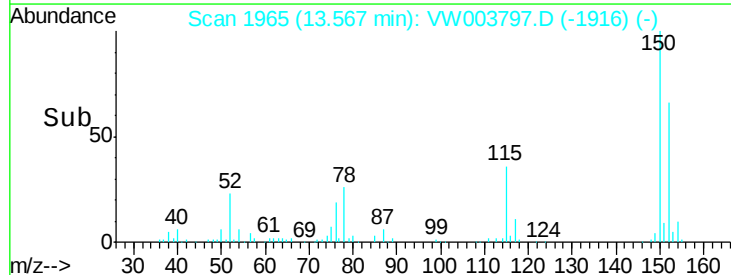
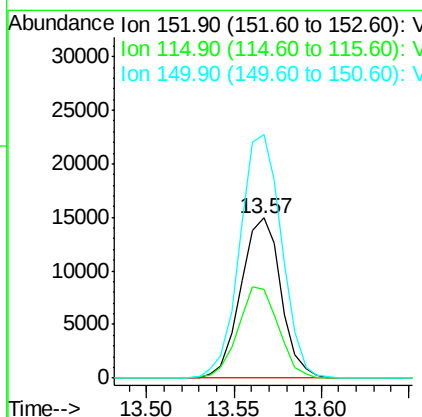
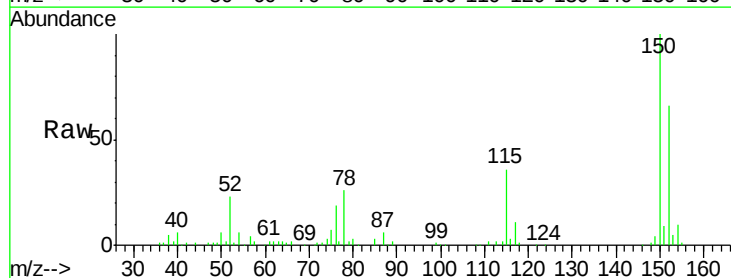
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-1

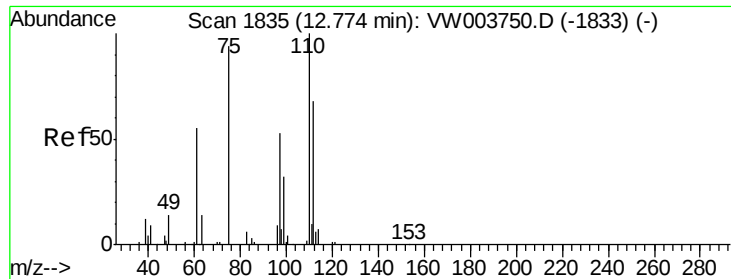
Tot Ion:117 Resp: 109250
Ion Ratio Lower Upper
117 100
82 55.9 46.9 70.3
119 31.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003797.D
Acq: 10 Jul 2018 01:31

Tgt Ion:152 Resp: 23884
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.8
150 158.8 0.0 342.4

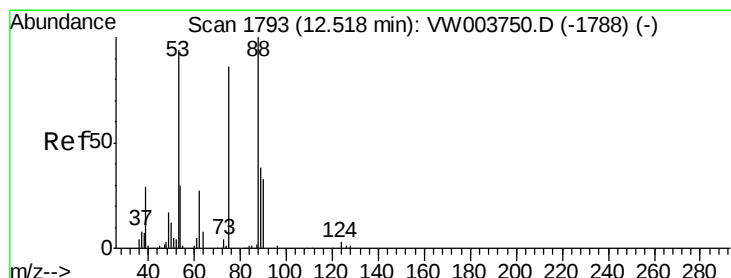
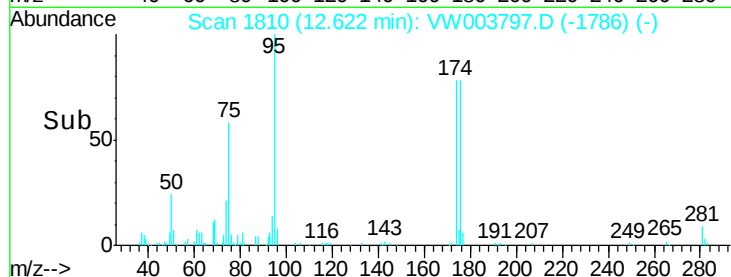
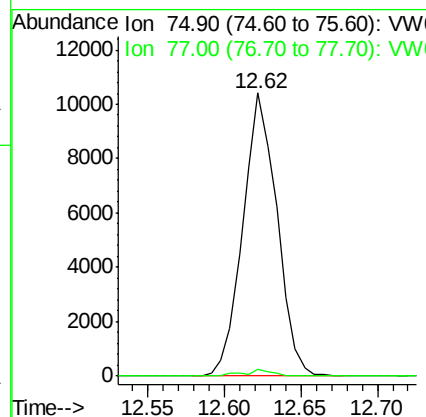
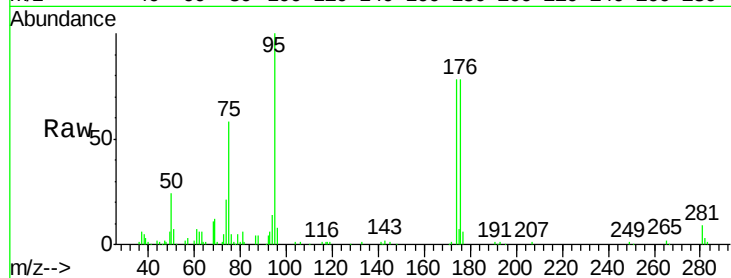




#76
 1,2,3-Trichloropropane
 Concen: 68.83 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

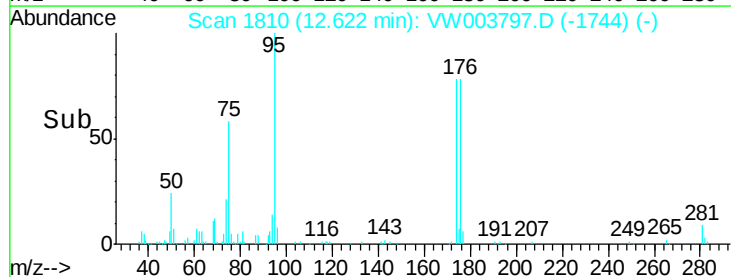
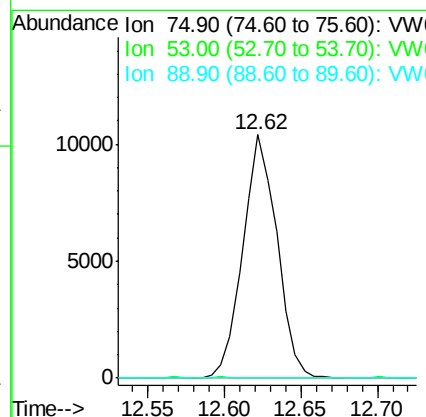
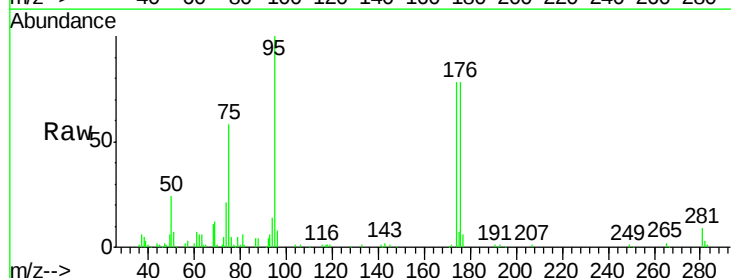
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1

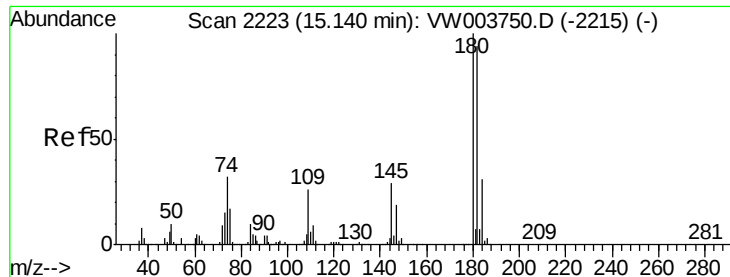
Tot Ion: 75 Resp: 16143
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 168.37 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

Tgt Ion: 75 Resp: 16143
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.0 127.6#
 89 0.0 36.3 54.5#

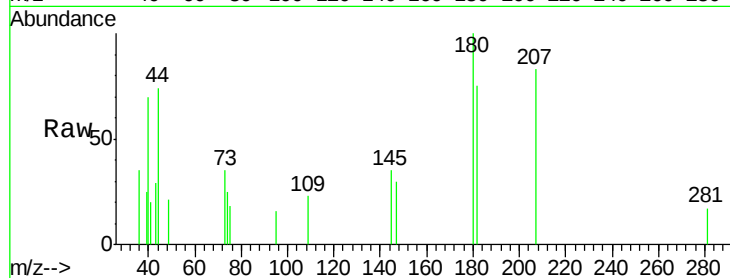




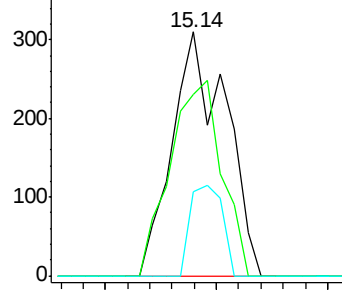
#93
 1,2,4-Trichlorobenzene
 Concen: 1.05 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-1

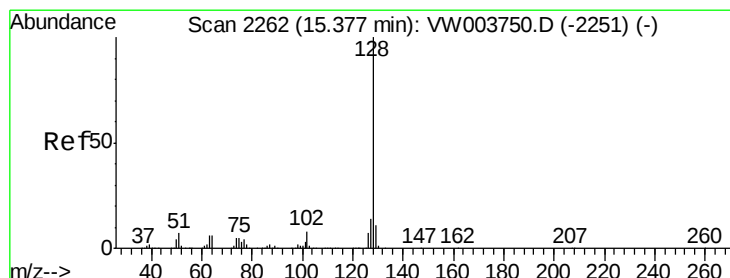
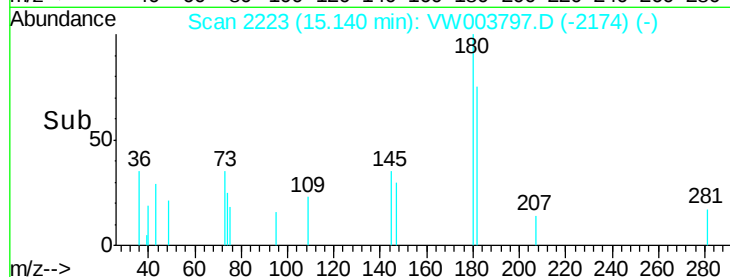
Tot Ion:180 Resp: 519
 Ion Ratio Lower Upper
 180 100
 182 77.1 47.4 142.2
 145 22.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

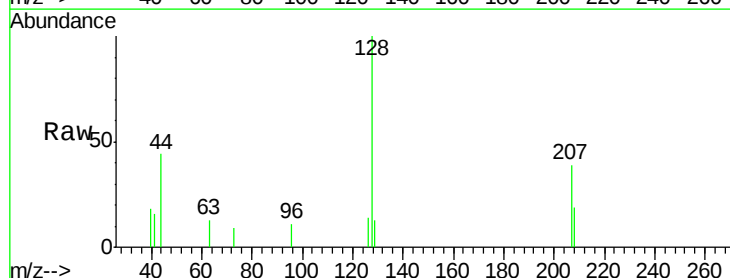


Time-->

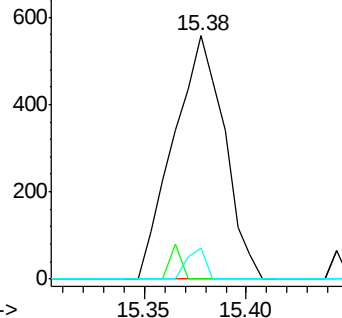


#95
 Naphthalene
 Concen: 1.09 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW003797.D
 Acq: 10 Jul 2018 01:31

Tgt Ion:128 Resp: 967
 Ion Ratio Lower Upper
 128 100
 127 3.0 10.8 16.2#
 129 4.7 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time-->

