

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003848.D
 Acq On : 11 Jul 2018 02:54
 Operator : SY/AP
 Sample : J3881-02
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-21

Quant Time: Jul 11 04:47:01 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	149156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	256269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58568	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	62553	32.07	ug/l	0.00
Spiked Amount			Recovery	=	64.14%	
35) Dibromofluoromethane	7.88	113	54742	30.52	ug/l	0.00
Spiked Amount			Recovery	=	61.04%	
50) Toluene-d8	10.33	98	155695	22.69	ug/l	0.00
Spiked Amount			Recovery	=	45.38%	
62) 4-Bromofluorobenzene	12.62	95	41169	16.58	ug/l	0.00
Spiked Amount			Recovery	=	33.16%	

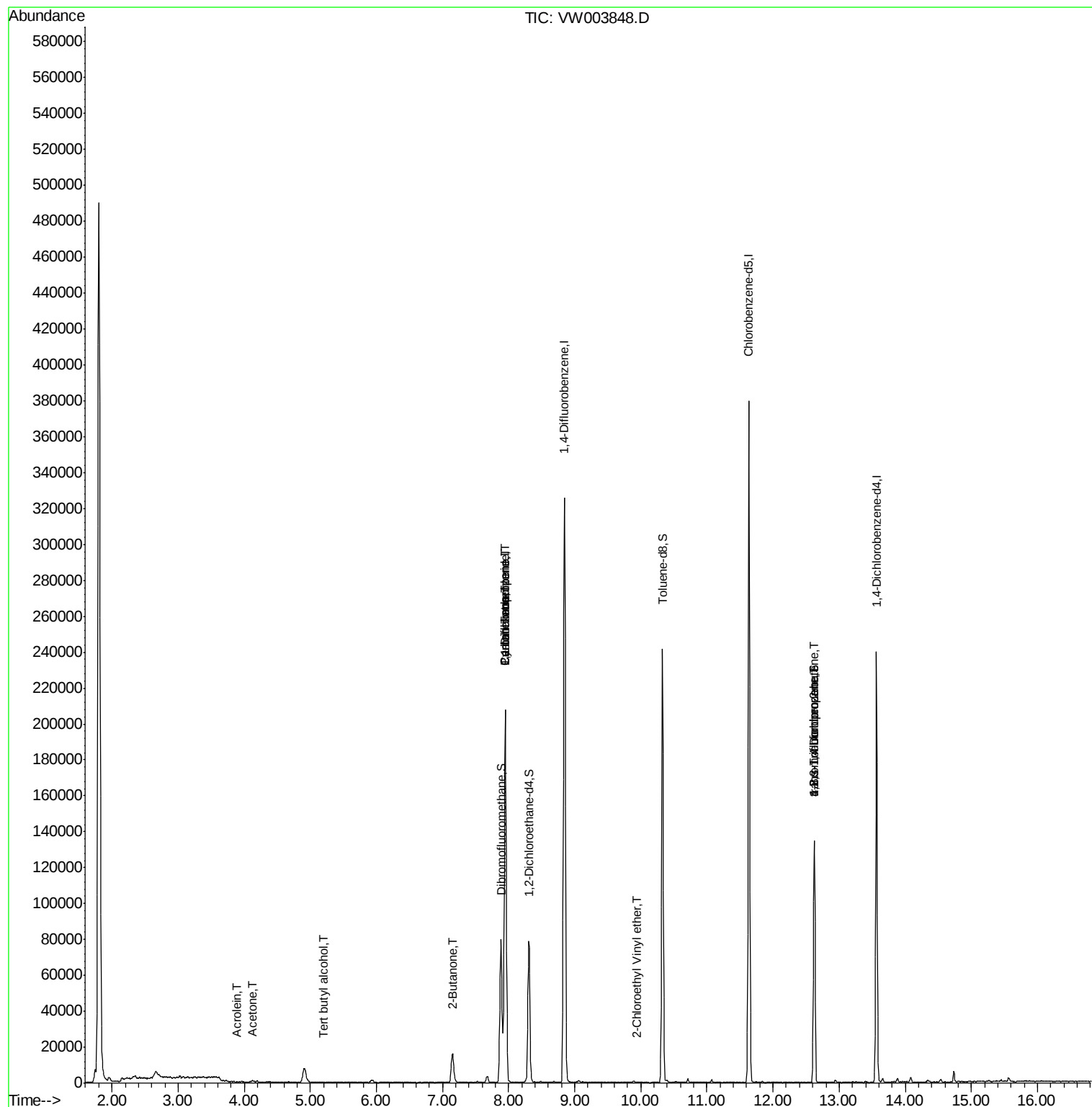
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	241	2.280	ug/l #	70
13) Acrolein	3.89	56	22	4.865	ug/l #	14
16) Acetone	4.13	43	1861	5.499	ug/l	94
20) Methylene Chloride	4.91	84	6505	Below Cal	#	84
25) 2-Butanone	7.16	43	1026	1.936	ug/l #	51
31) Cyclohexane	7.95	56	3777	1.327	ug/l #	36
36) 1,1-Dichloropropene	7.95	75	12938	4.758	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15415	5.963	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	50	13.218	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	21976	38.211	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21976	93.472	ug/l #	7

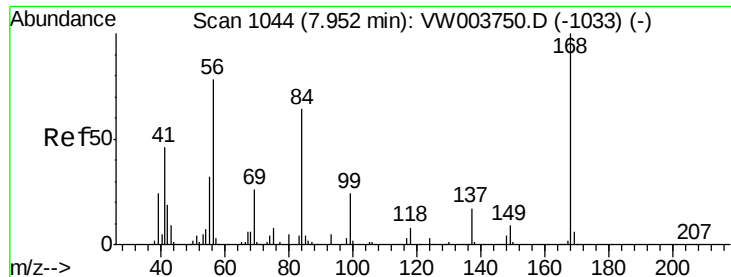
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071018\
Data File : VW003848.D
Acq On : 11 Jul 2018 02:54
Operator : SY/AP
Sample : J3881-02
Misc : 5.17G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-21

Quant Time: Jul 11 04:47:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003848.D

Acq: 11 Jul 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

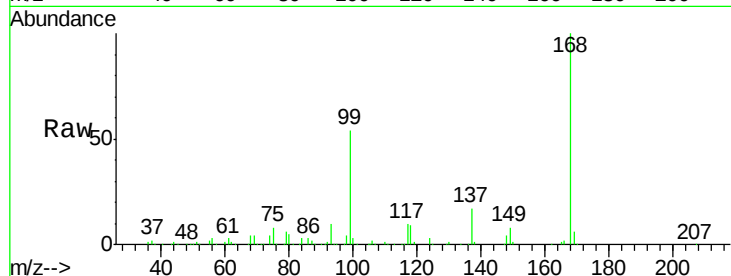
SURCHARGE-SP-21

Tot Ion:168 Resp: 149156

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

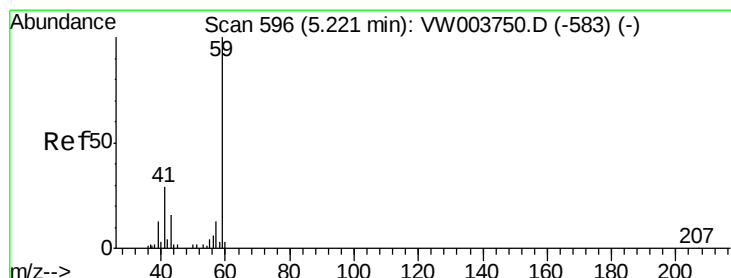
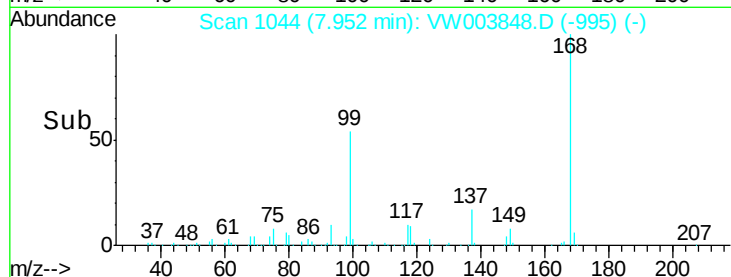
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 2.280 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.03 min

Lab File: VW003848.D

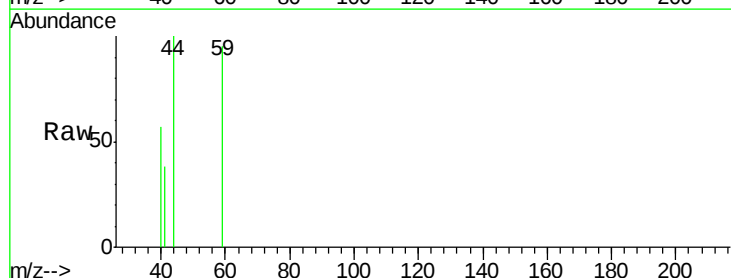
Acq: 11 Jul 2018 02:54

Tgt Ion: 59 Resp: 241

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

5.19

150

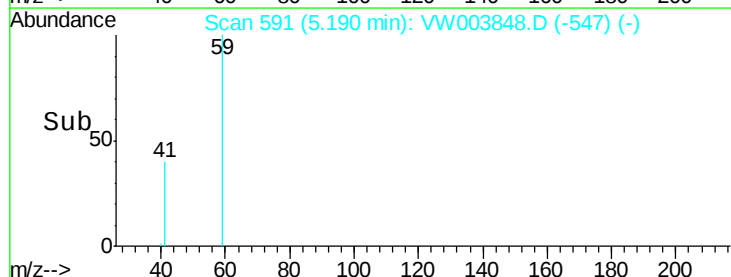
100

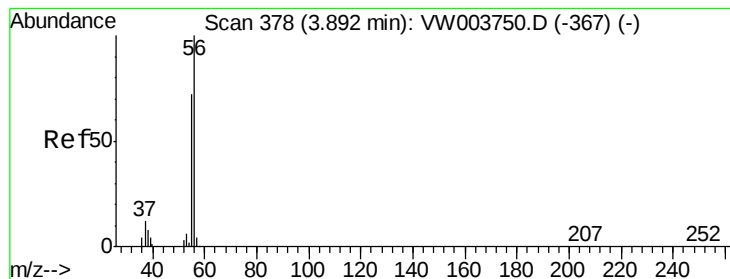
50

0

5.15 5.20

Time-->





#13

Acrolein

Concen: 4.865 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW003848.D

Acq: 11 Jul 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

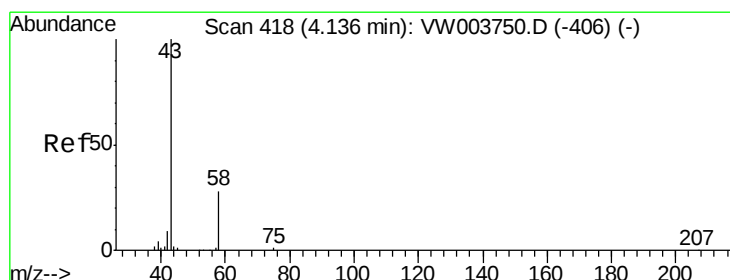
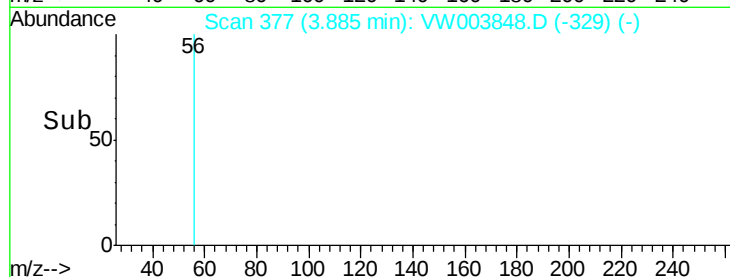
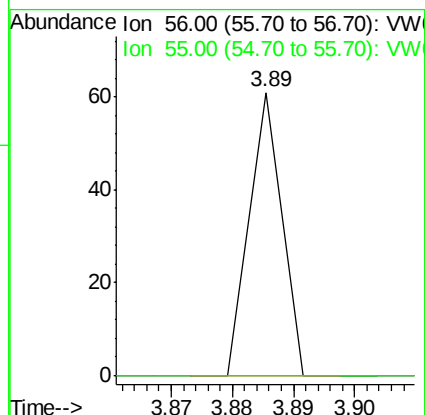
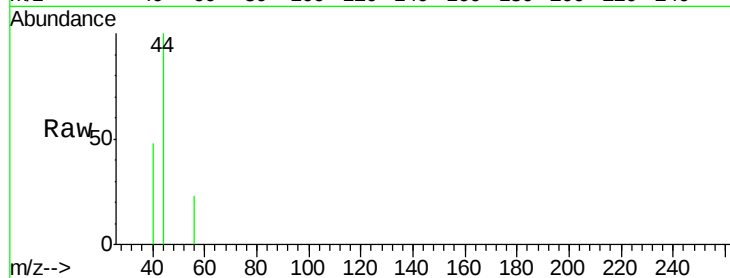
SURCHARGE-SP-21

Tot Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



#16

Acetone

Concen: 5.499 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003848.D

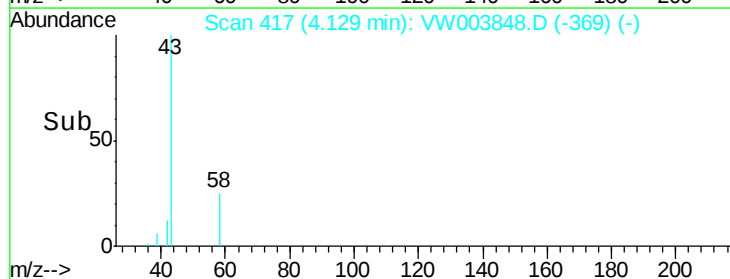
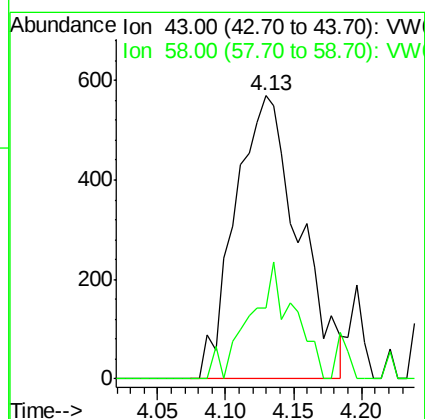
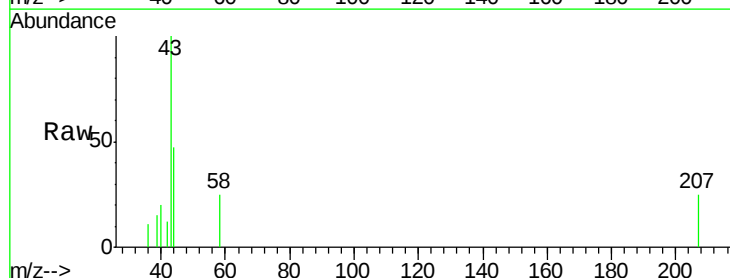
Acq: 11 Jul 2018 02:54

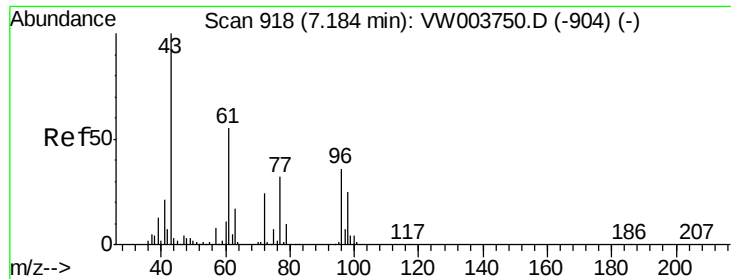
Tgt Ion: 43 Resp: 1861

Ion Ratio Lower Upper

43 100

58 25.1 22.6 34.0





#25

2-Butanone

Concen: 1.936 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.02 min

Lab File: VW003848.D

Acq: 11 Jul 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

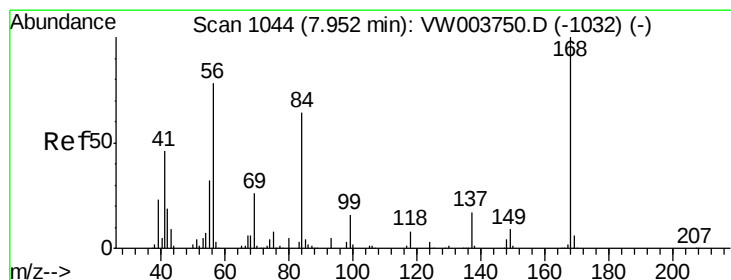
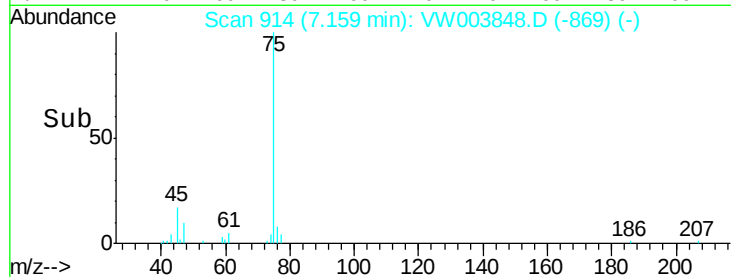
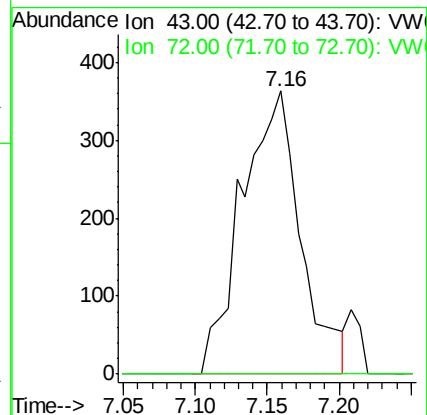
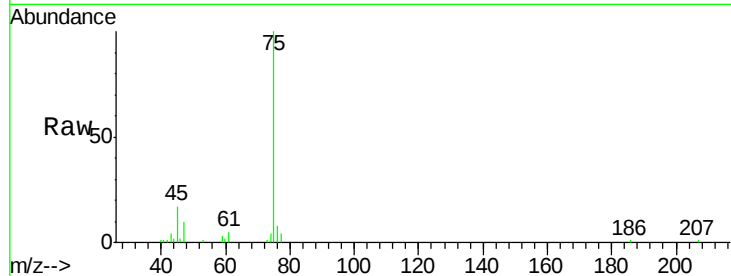
SURCHARGE-SP-21

Tot Ion: 43 Resp: 1026

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.327 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003848.D

Acq: 11 Jul 2018 02:54

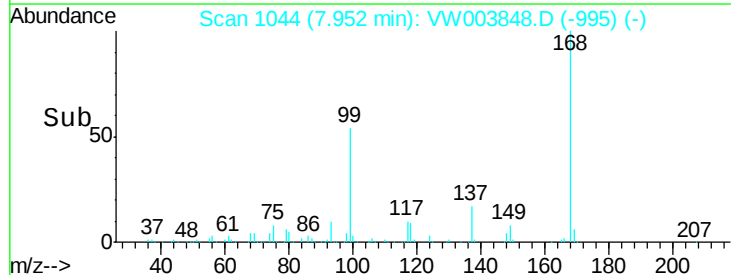
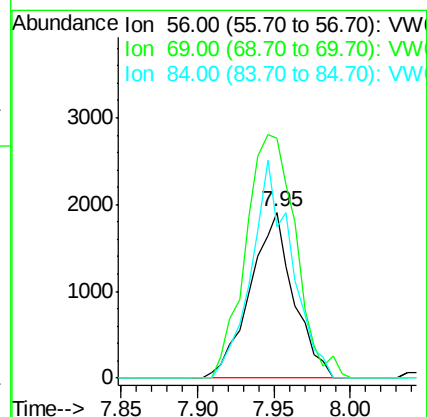
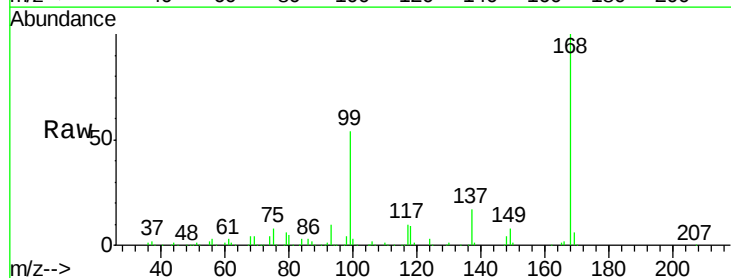
Tgt Ion: 56 Resp: 3777

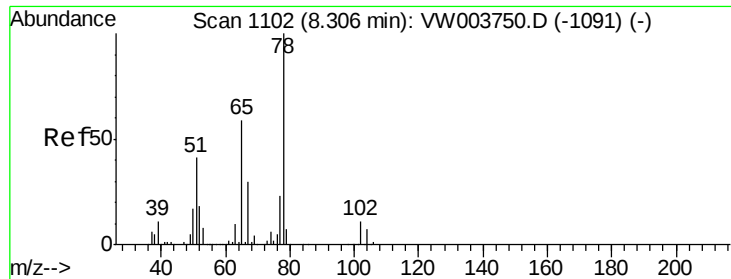
Ion Ratio Lower Upper

56 100

69 144.5 26.2 39.4#

84 91.5 65.5 98.3

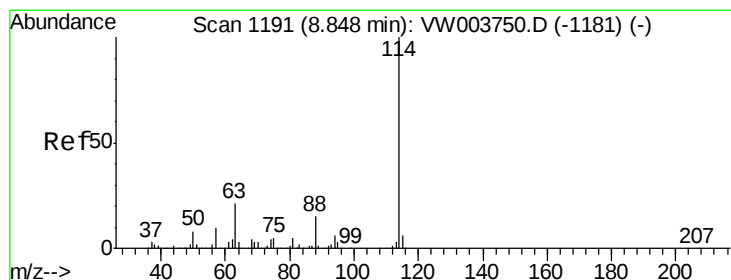
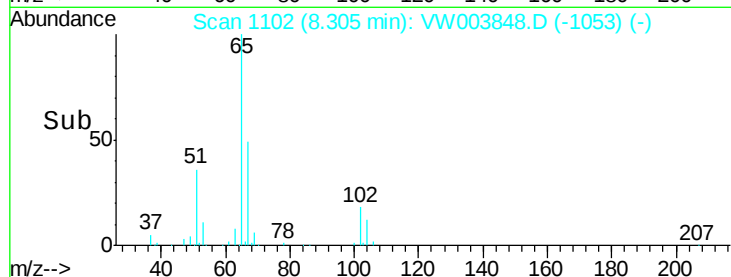
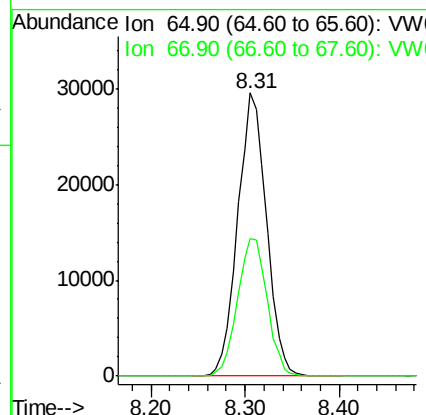
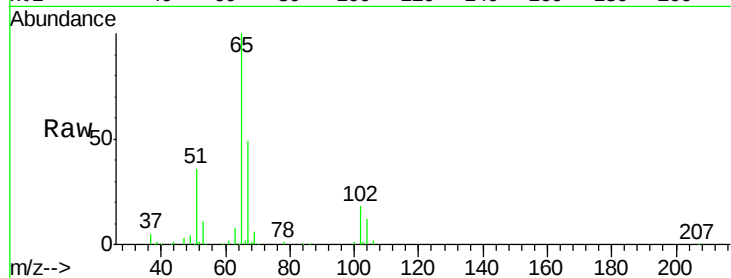




#33
 1,2-Dichloroethane-d4
 Concen: 32.069 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003848.D
 Acq: 11 Jul 2018 02:54

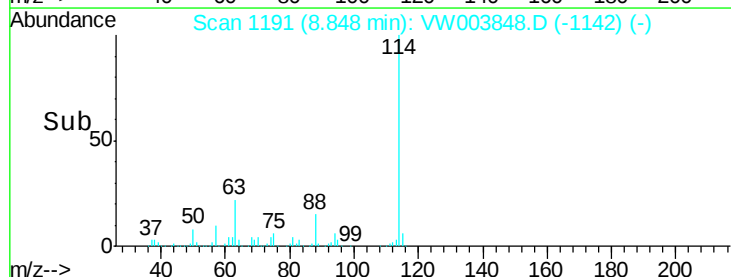
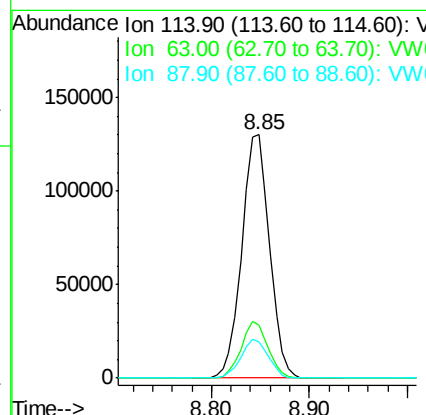
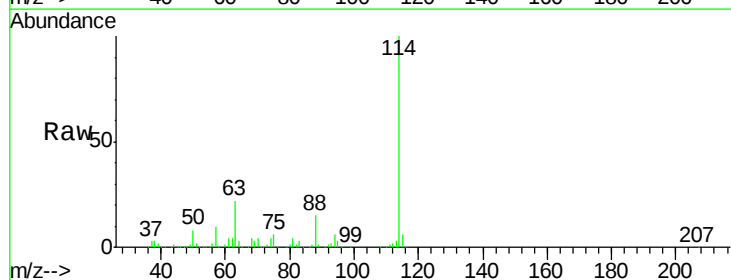
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-21

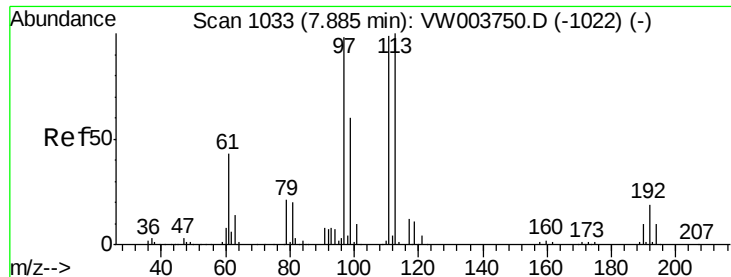
Tot Ion: 65 Resp: 62553
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003848.D
 Acq: 11 Jul 2018 02:54

Tgt Ion: 114 Resp: 256269
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.8
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 30.521 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003848.D

Acq: 11 Jul 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-21

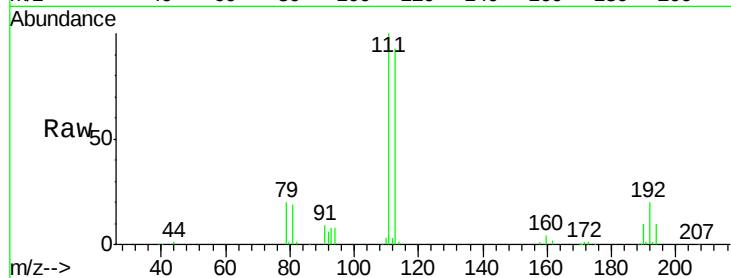
Tot Ion:113 Resp: 54742

Ion Ratio Lower Upper

113 100

111 103.9 81.7 122.5

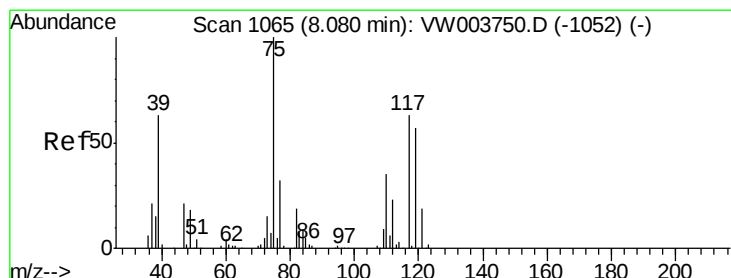
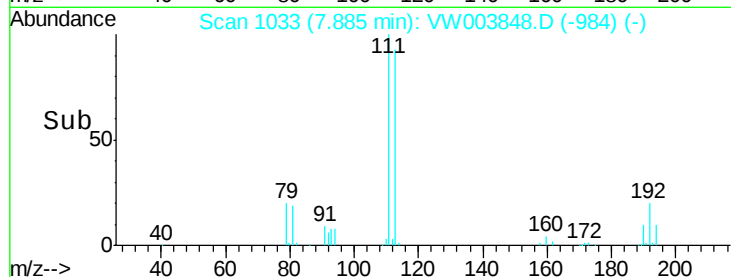
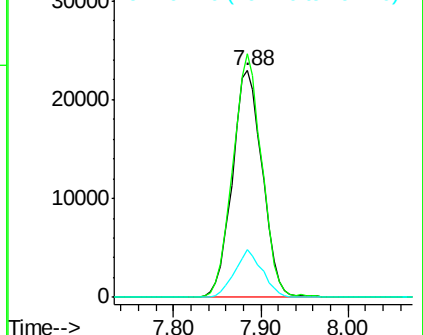
192 19.6 15.8 23.8



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: 4.758 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003848.D

Acq: 11 Jul 2018 02:54

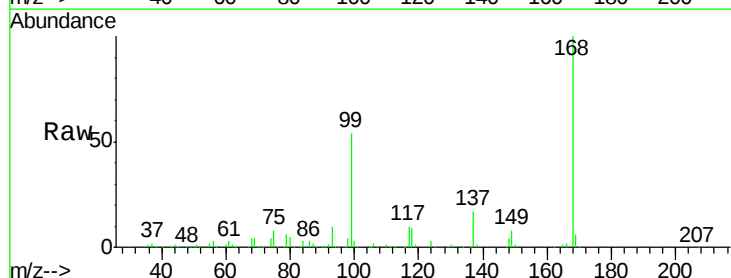
Tgt Ion: 75 Resp: 12938

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.6#

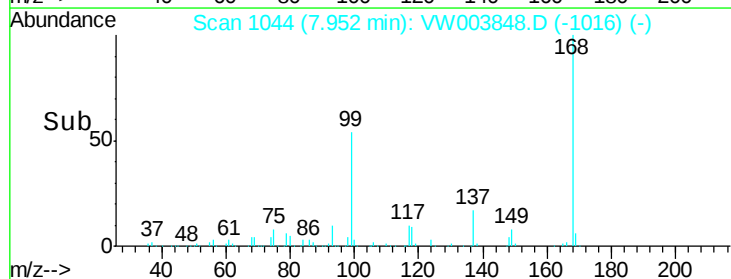
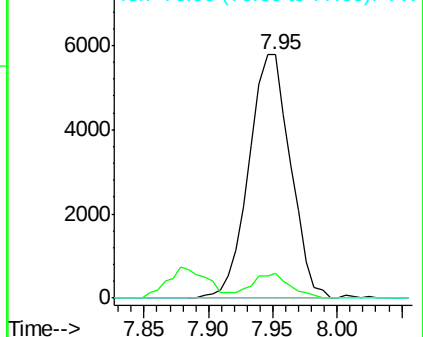
77 0.0 24.8 37.2#

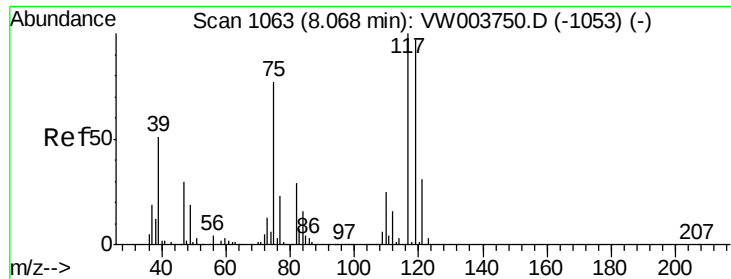


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

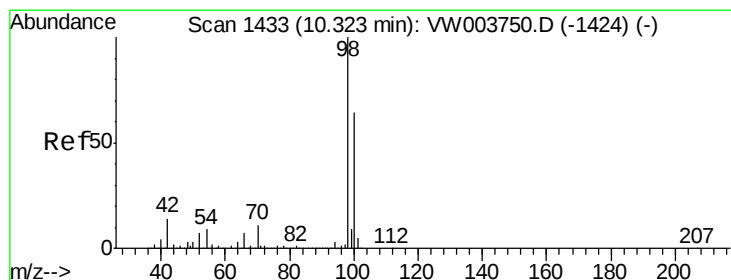
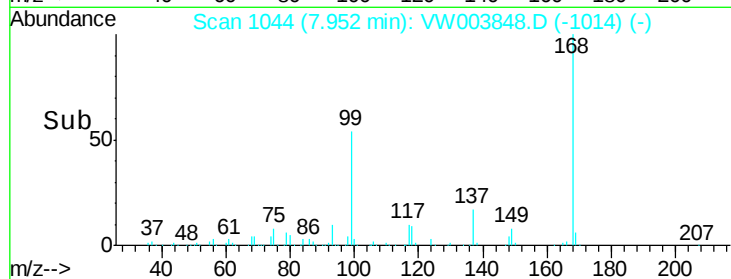
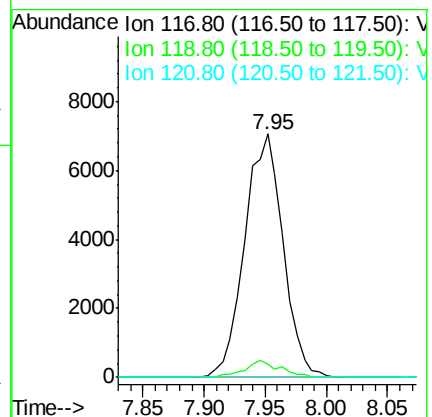
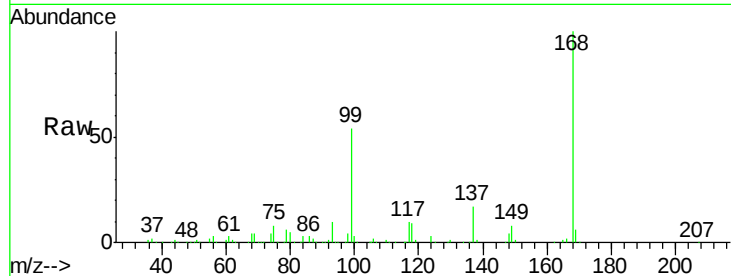




#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003848.D
Acq: 11 Jul 2018 02:54

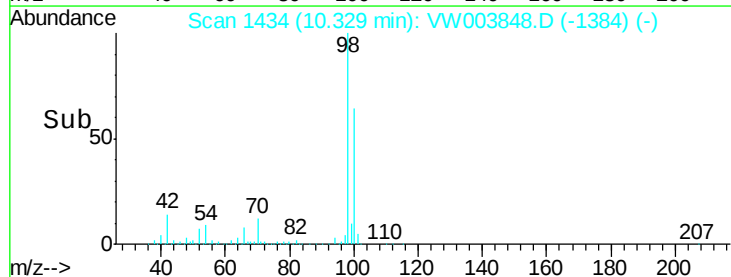
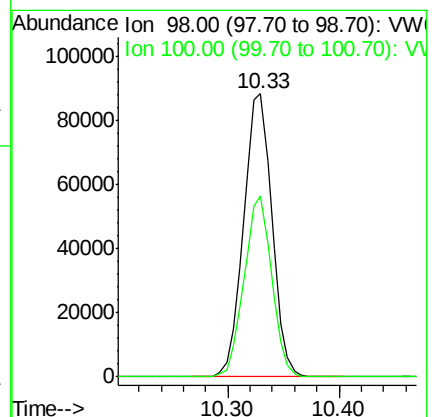
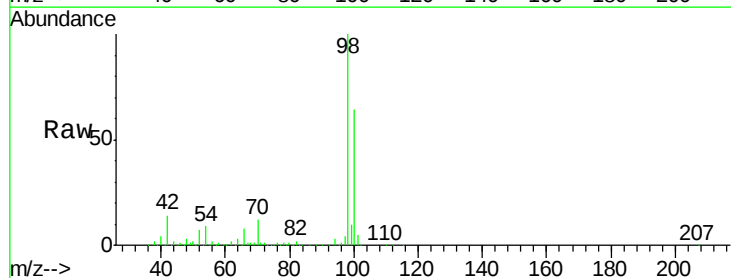
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-21

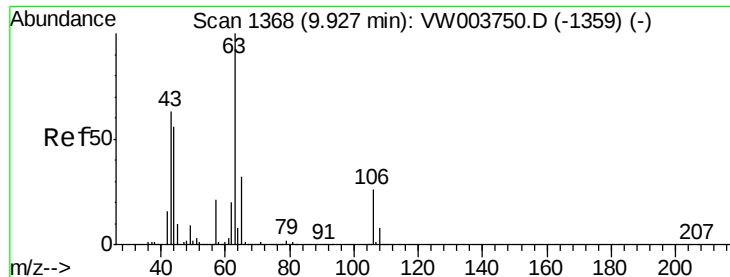
Tot Ion:117 Resp: 15415
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 22.693 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003848.D
Acq: 11 Jul 2018 02:54

Tgt Ion: 98 Resp: 155695
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2

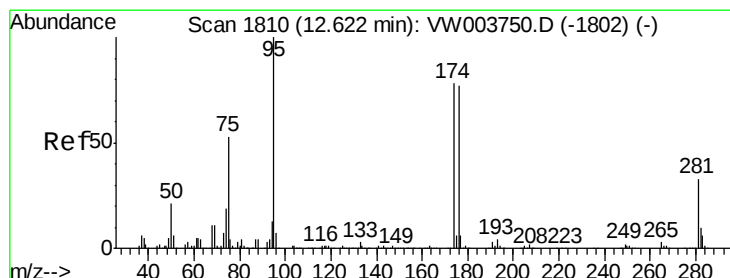
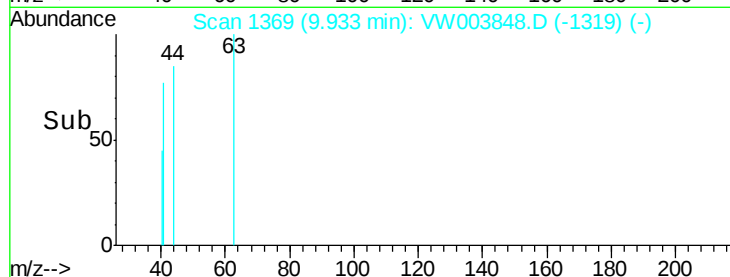
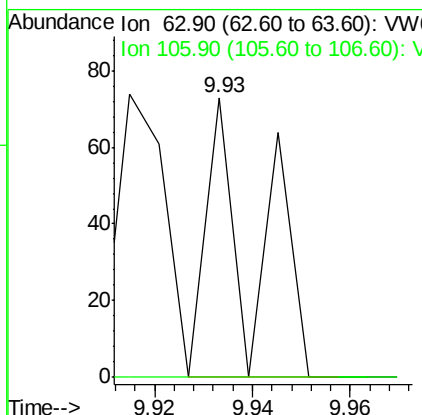
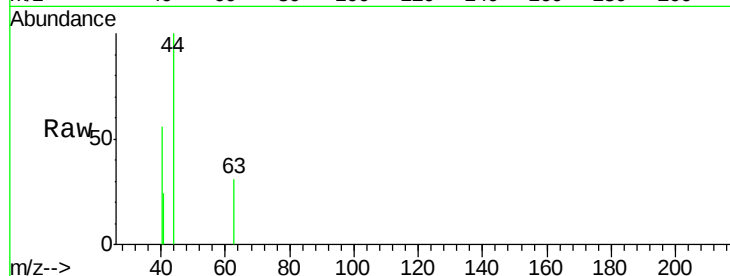




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.218 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW003848.D
 Acq: 11 Jul 2018 02:54

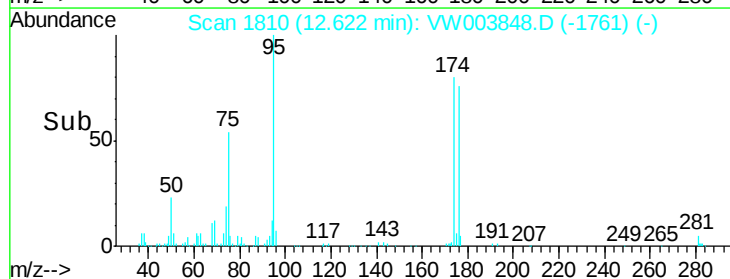
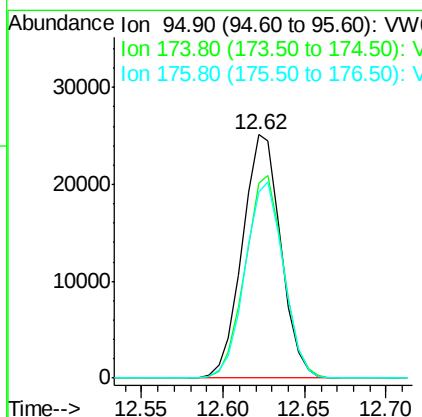
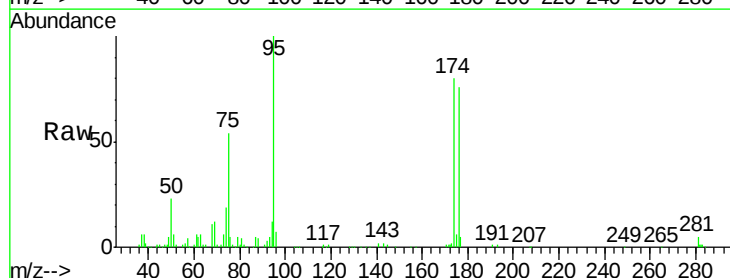
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-21

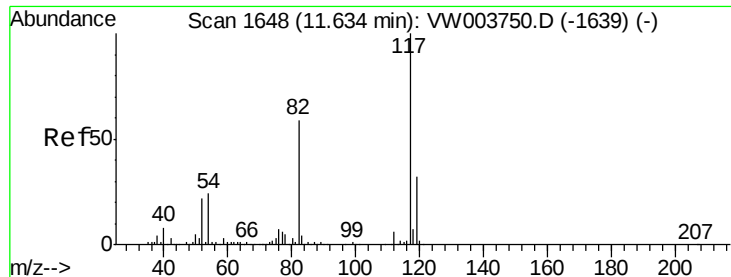
Tot Ion: 63 Resp: 50
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 16.584 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003848.D
 Acq: 11 Jul 2018 02:54

Tgt Ion: 95 Resp: 41169
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 163.4
 176 80.4 0.0 156.8

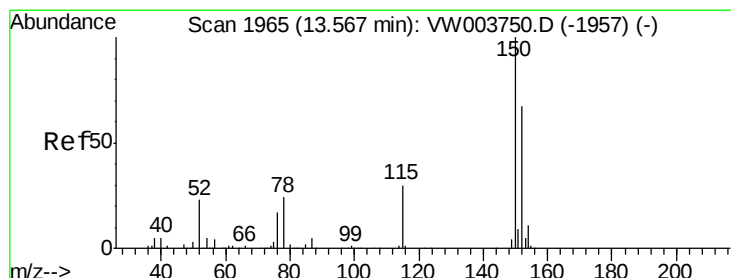
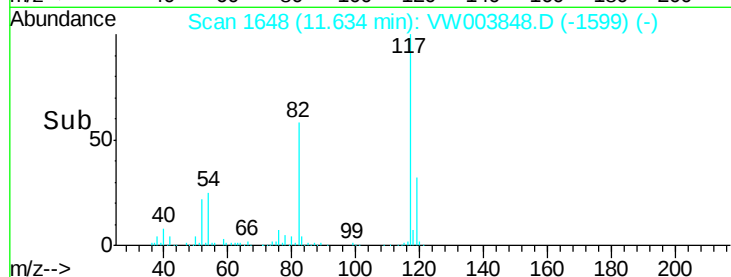
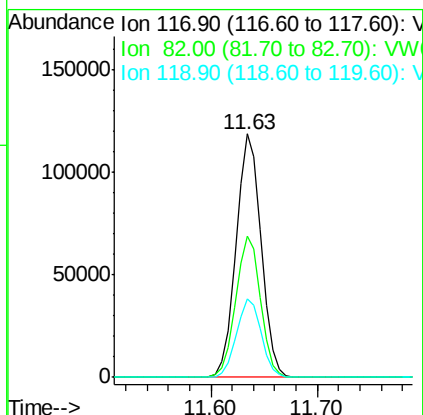
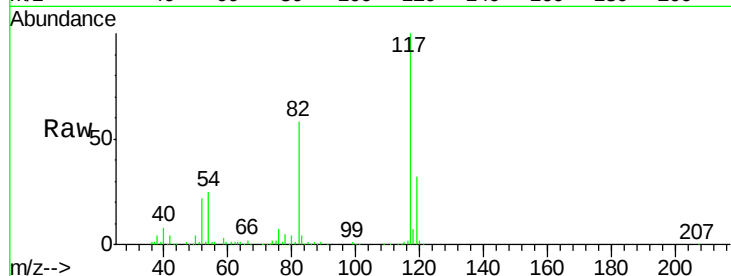




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003848.D
Acq: 11 Jul 2018 02:54

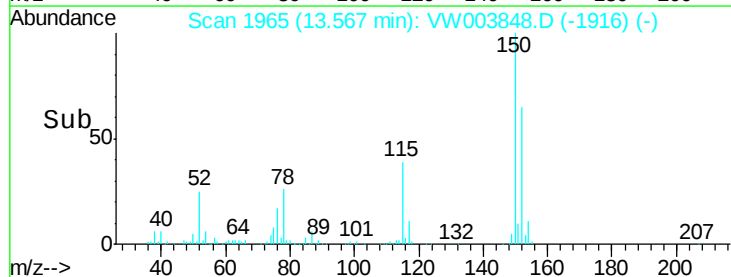
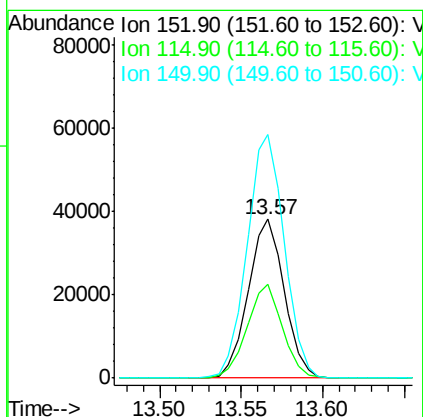
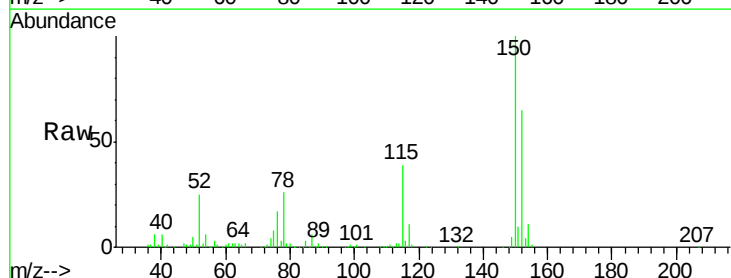
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-21

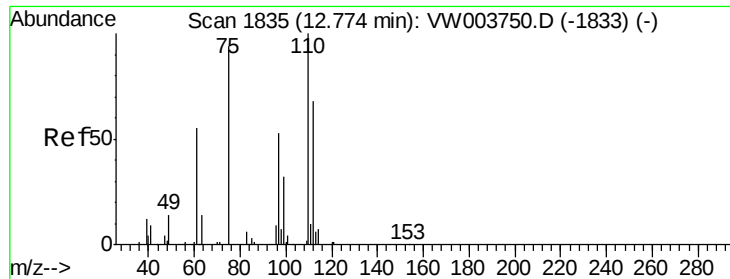
Tot Ion:117 Resp: 195811
Ion Ratio Lower Upper
117 100
82 58.2 46.9 70.3
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003848.D
Acq: 11 Jul 2018 02:54

Tgt Ion:152 Resp: 58568
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 158.0 0.0 342.4

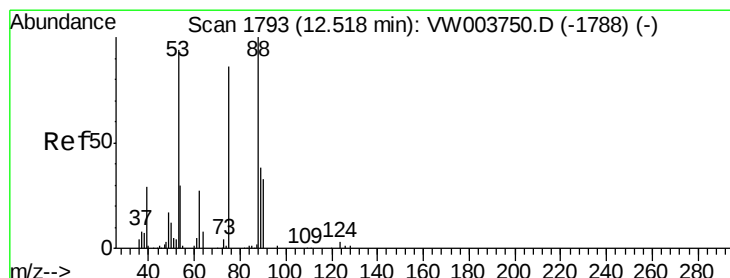
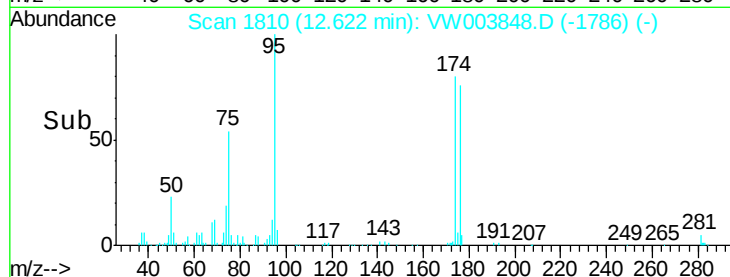
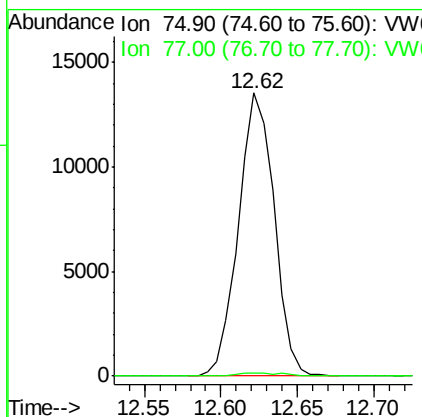
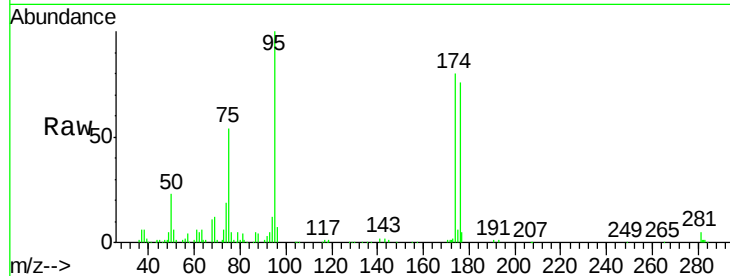




#76
 1,2,3-Trichloropropane
 Concen: 38.211 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003848.D
 Acq: 11 Jul 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-21

Tot Ion: 75 Resp: 21976
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.472 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003848.D
 Acq: 11 Jul 2018 02:54

Tgt Ion: 75 Resp: 21976
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.0 127.6#
 89 0.0 36.3 54.5#

