

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003852.D
 Acq On : 11 Jul 2018 04:38
 Operator : SY/AP
 Sample : J3881-10
 Misc : 5.14G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-25

Quant Time: Jul 11 06:55:33 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	125330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	204986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	36678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54319	33.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.28%	
35) Dibromofluoromethane	7.88	113	48844	34.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.10%	
50) Toluene-d8	10.33	98	129396	23.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.16%	
62) 4-Bromofluorobenzene	12.62	95	29302	14.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.52%	

Target Compounds

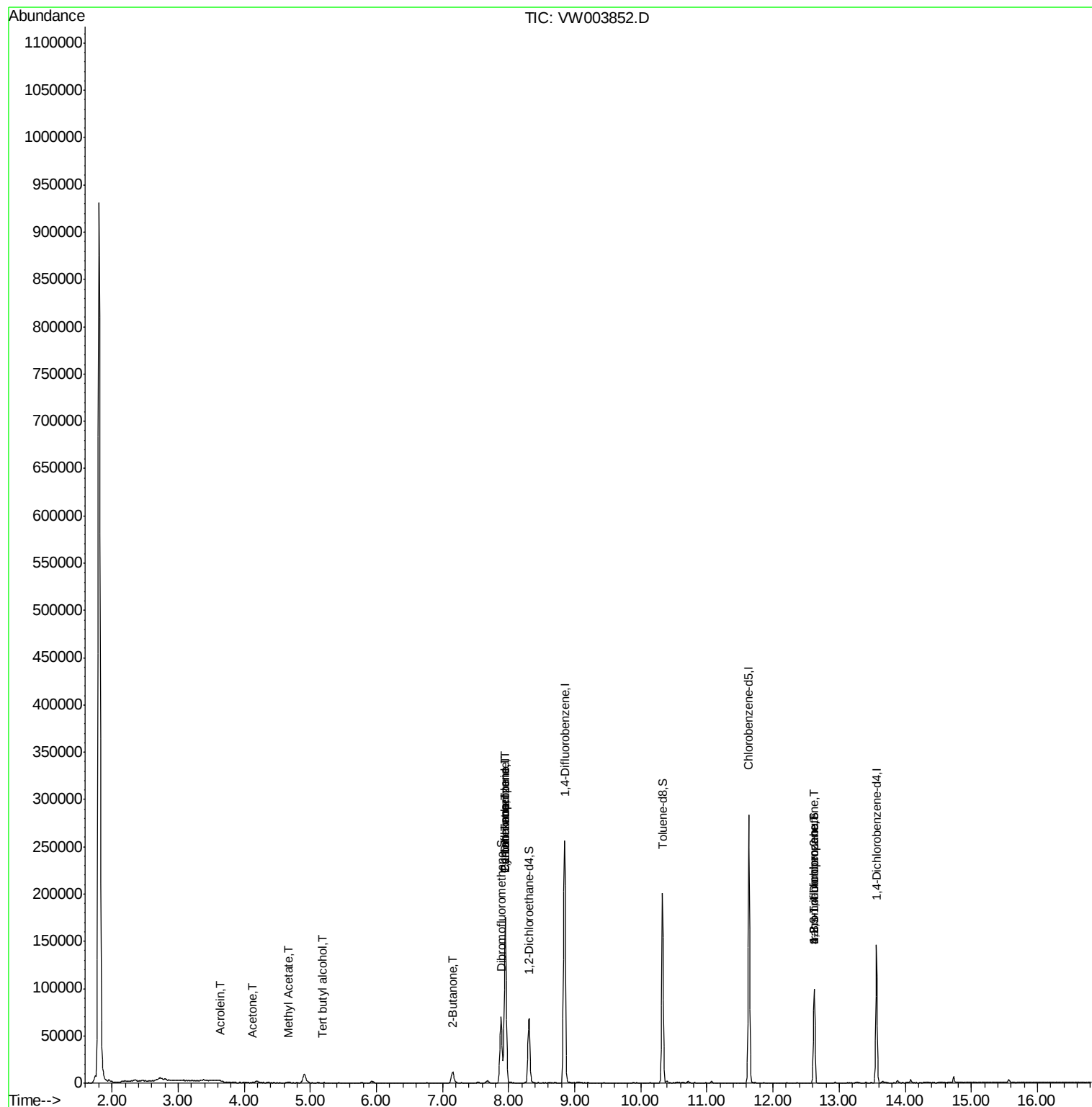
					Qvalue	
11) Tert butyl alcohol	5.18	59	154	1.734	ug/l #	70
13) Acrolein	3.65	56	21	4.882	ug/l #	43
16) Acetone	4.13	43	923	3.246	ug/l	91
18) Methyl Acetate	4.68	43	1046	1.305	ug/l	99
25) 2-Butanone	7.15	43	729	1.637	ug/l #	51
31) Cyclohexane	7.95	56	3429	1.434	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	10914	5.018	ug/l #	51
38) Carbon Tetrachloride	7.95	117	12585	6.086	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	15694	43.574	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	15694	106.591	ug/l #	7

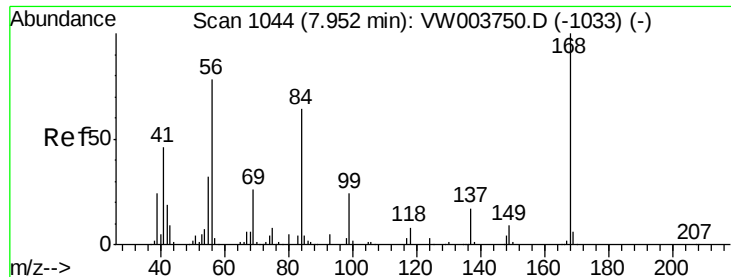
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 11 06:55:33 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: VW003852.D

Acq: 11 Jul 2018 04:38

Instrument :

MSVOA_W

ClientSampleId :

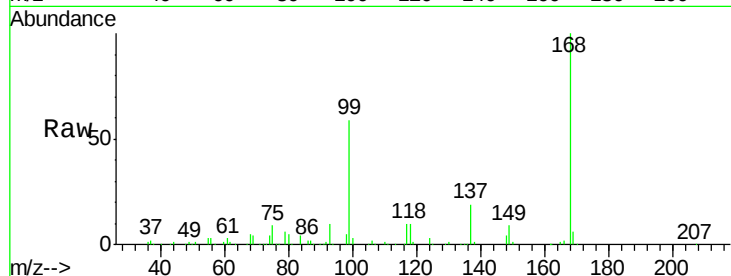
SURCHARGE-SP-25

Tot Ion:168 Resp: 125330

Ion Ratio Lower Upper

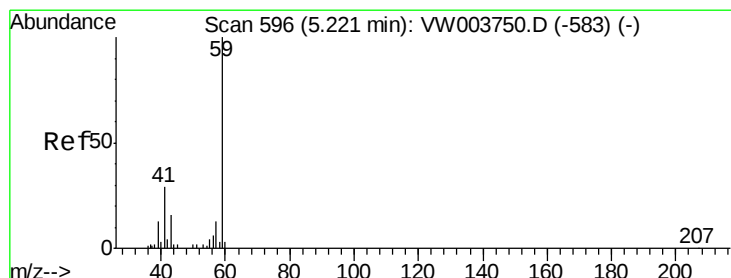
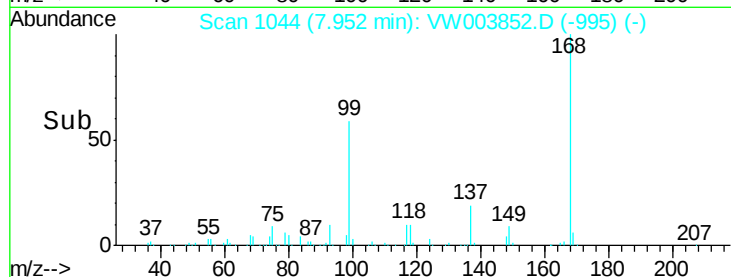
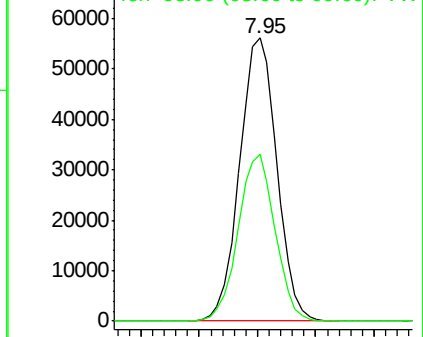
168 100

99 59.0 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: 1.734 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.04 min

Lab File: VW003852.D

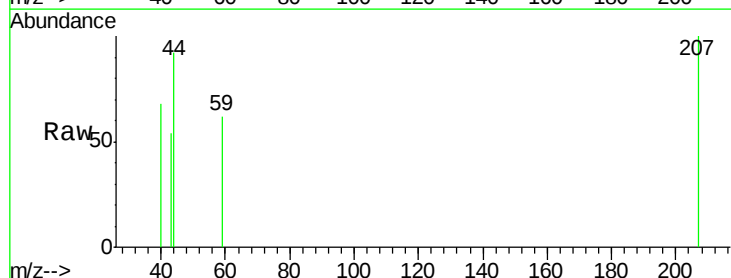
Acq: 11 Jul 2018 04:38

Tgt Ion: 59 Resp: 154

Ion Ratio Lower Upper

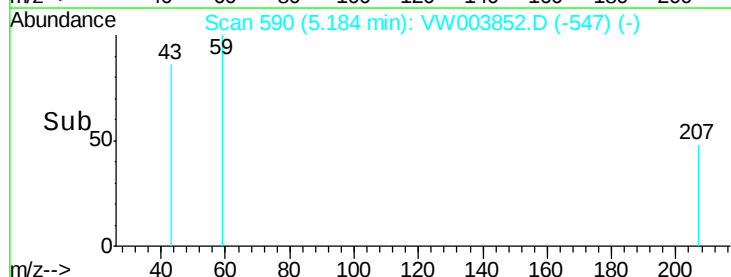
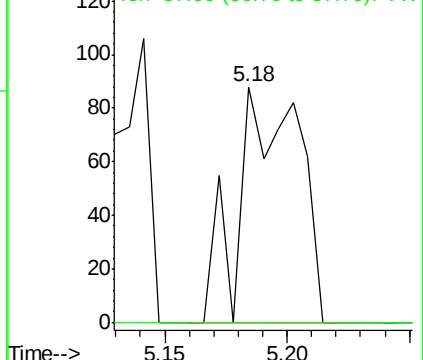
59 100

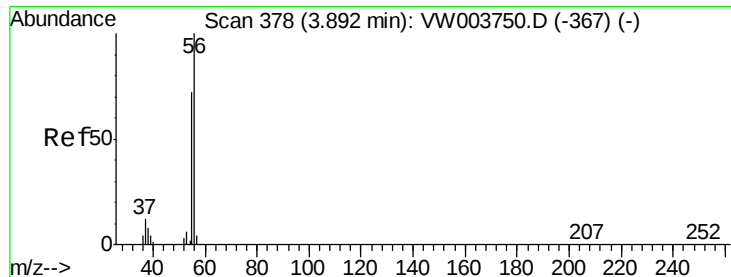
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.882 ug/l

RT: 3.65 min Scan# 338

Delta R.T. -0.24 min

Lab File: VW003852.D

Acq: 11 Jul 2018 04:38

Instrument :

MSVOA_W

ClientSampleId :

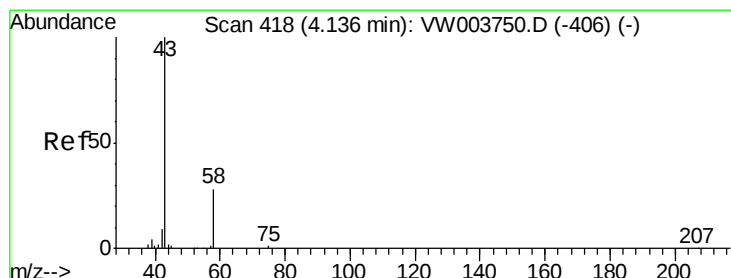
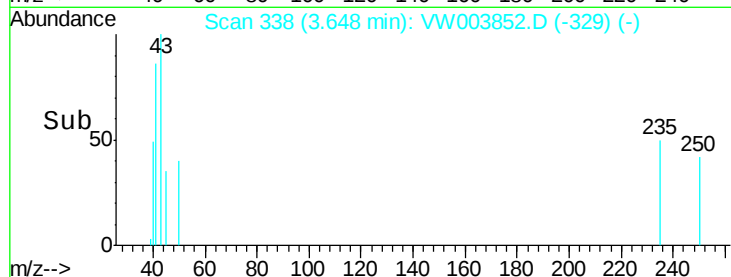
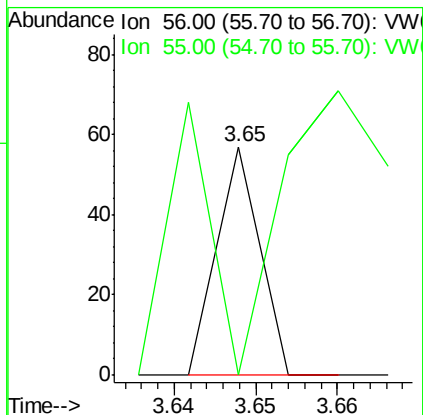
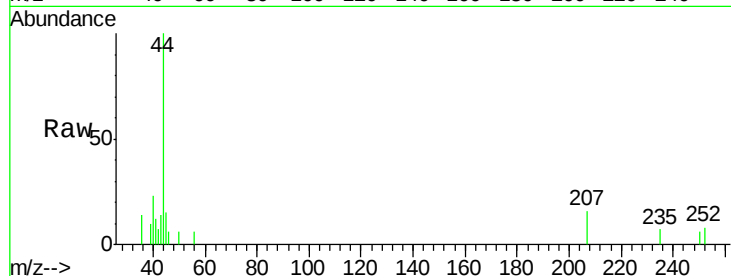
SURCHARGE-SP-25

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 119.0 57.5 86.3#



#16

Acetone

Concen: 3.246 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003852.D

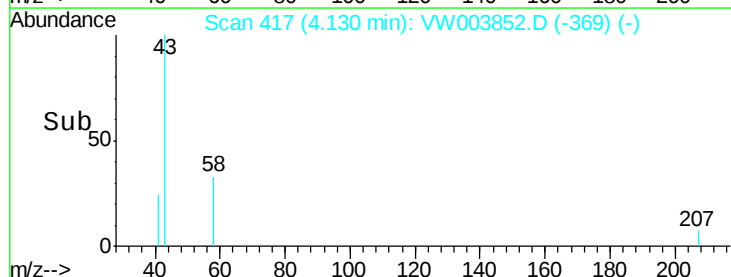
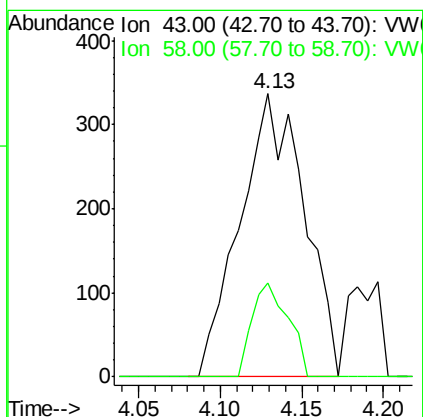
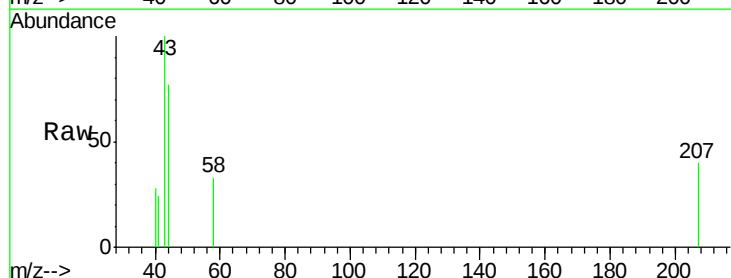
Acq: 11 Jul 2018 04:38

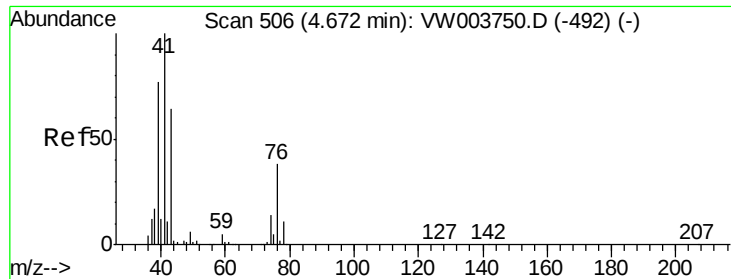
Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

43 100

58 33.2 22.6 34.0

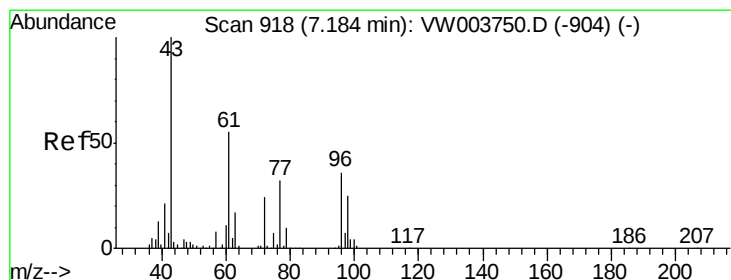
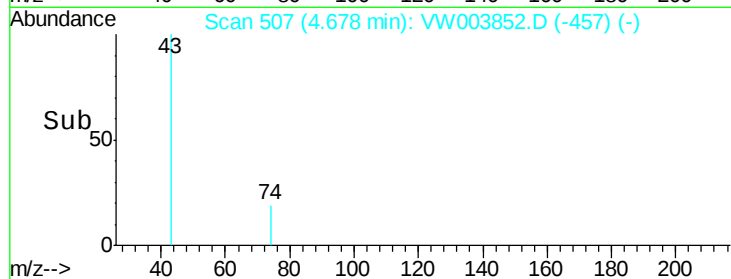
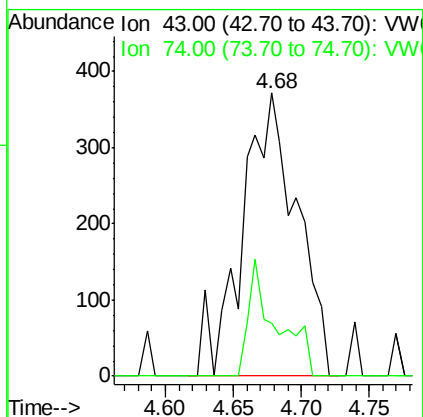
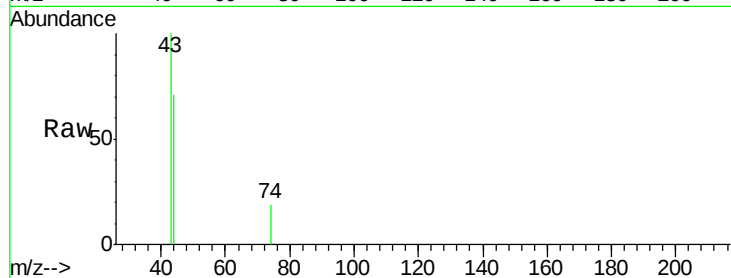




#18
Methvl Acetate
Concen: 1.305 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

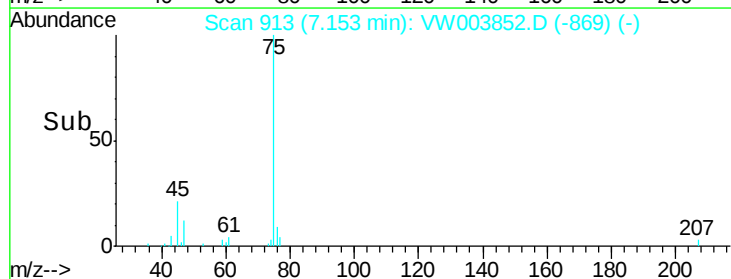
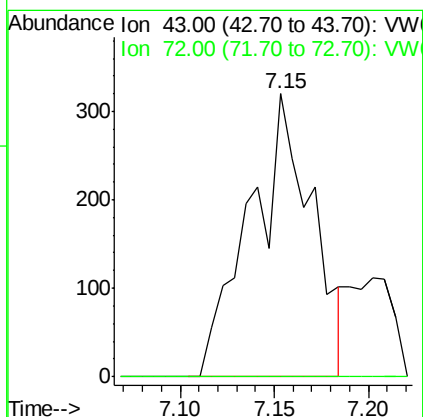
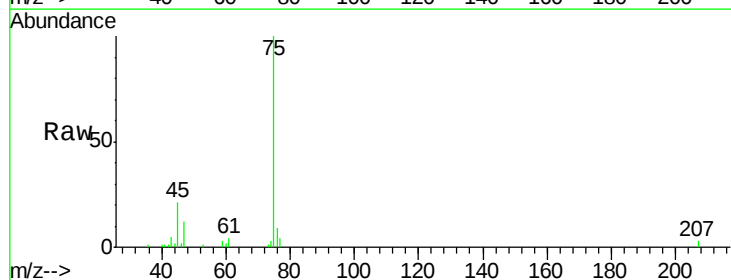
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-25

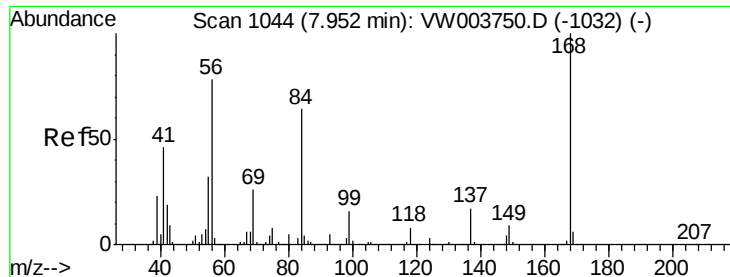
Tot Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
74 21.2 17.3 25.9



#25
2-Butanone
Concen: 1.637 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#

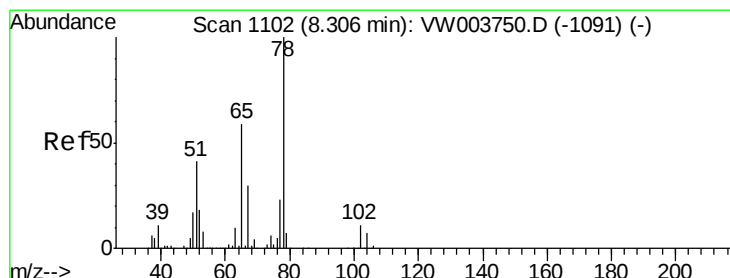
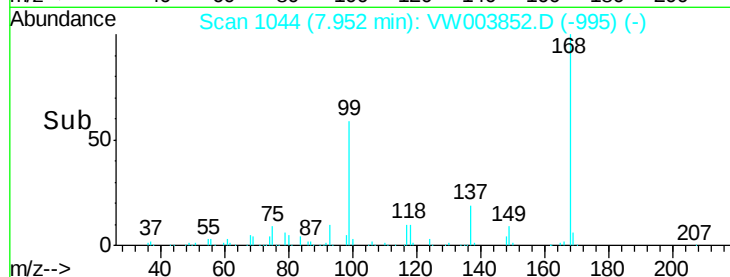
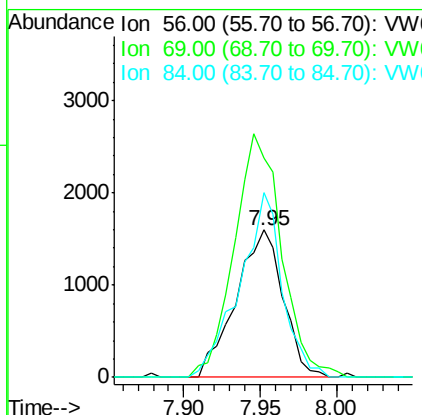
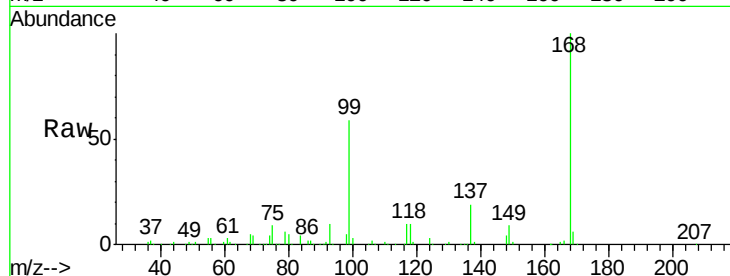




#31
Cyclohexane
Concen: 1.434 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

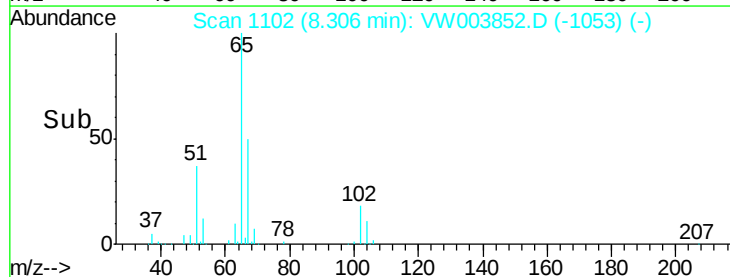
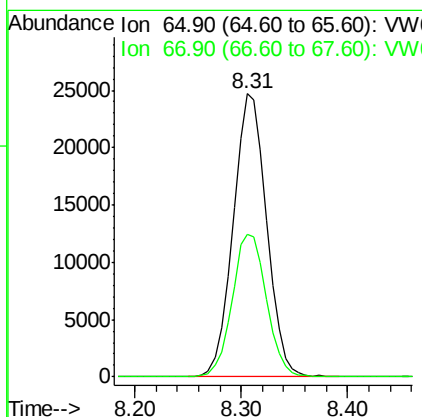
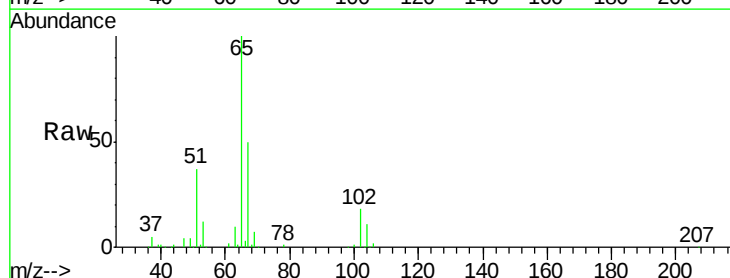
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-25

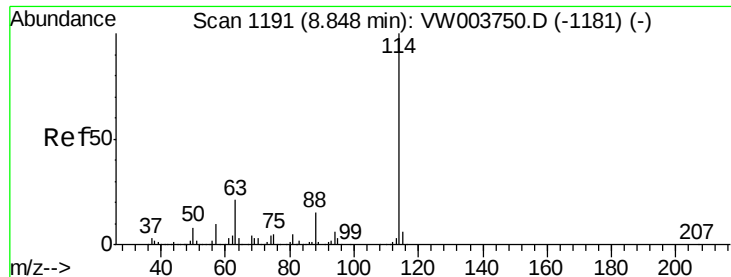
Tot Ion: 56 Resp: 3429
Ion Ratio Lower Upper
56 100
69 148.6 26.2 39.4#
84 125.0 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 33.142 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

Tgt Ion: 65 Resp: 54319
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

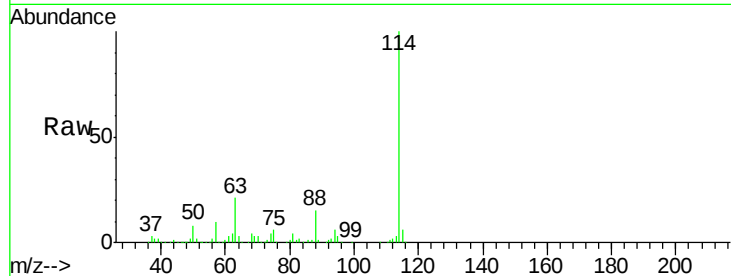




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-25

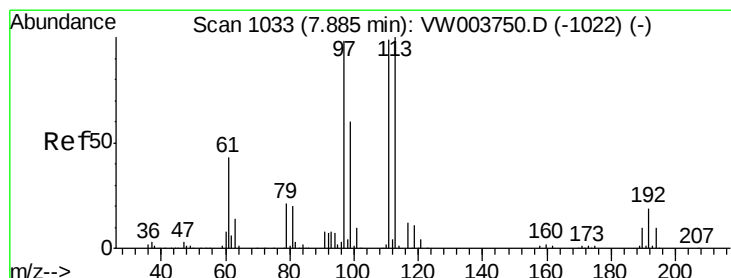
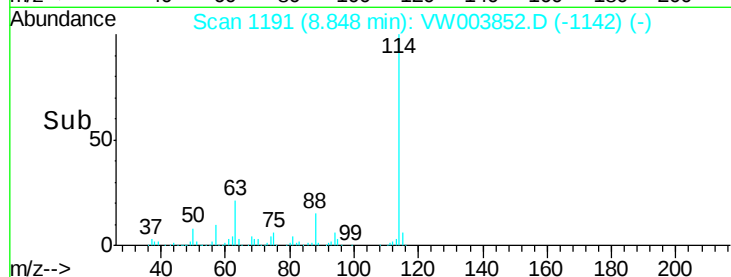
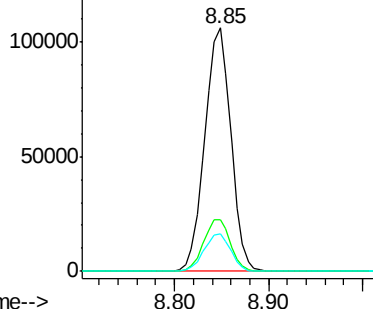
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.8
88	15.2	0.0	30.2



Abundance Ion 113.90 (113.60 to 114.60): V

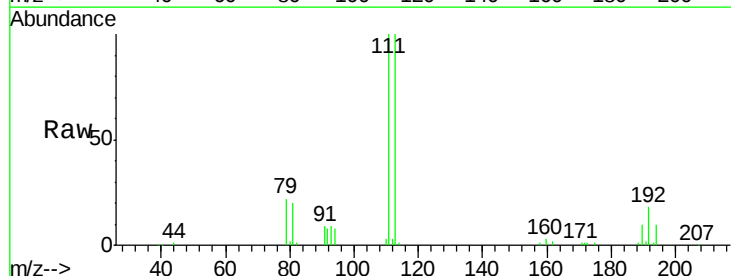
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 34.046 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

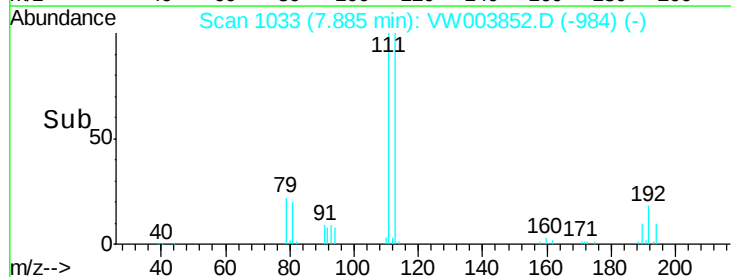
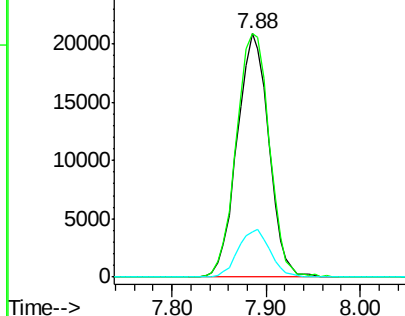
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.7	122.5
192	19.7	15.8	23.8

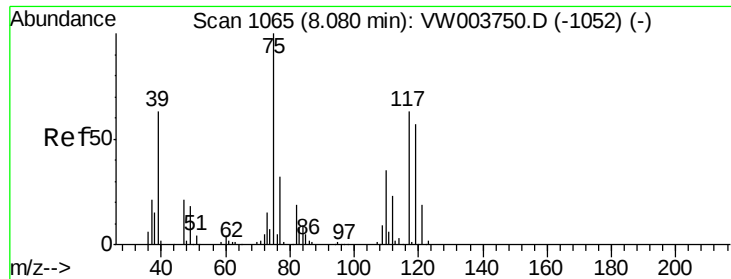


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

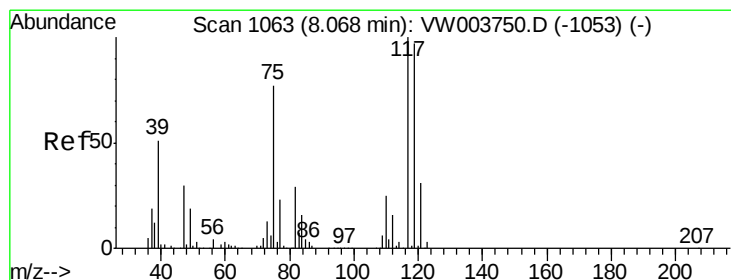
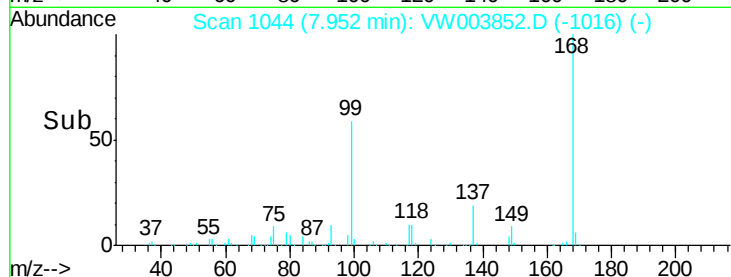
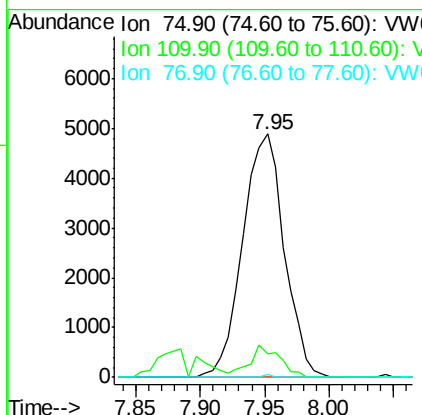
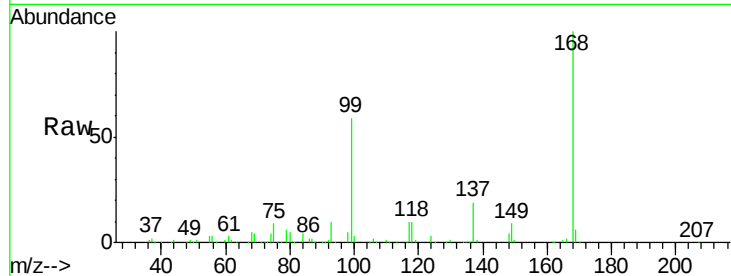




#36
 1,1-Dichloropropene
 Concen: 5.018 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003852.D
 Acq: 11 Jul 2018 04:38

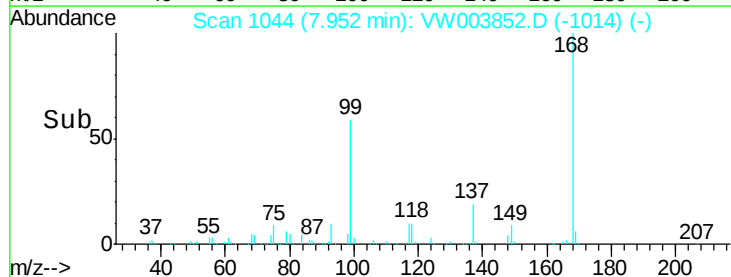
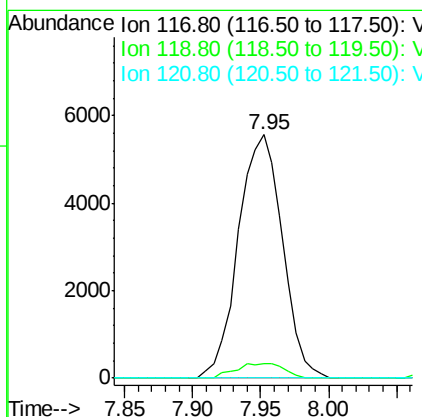
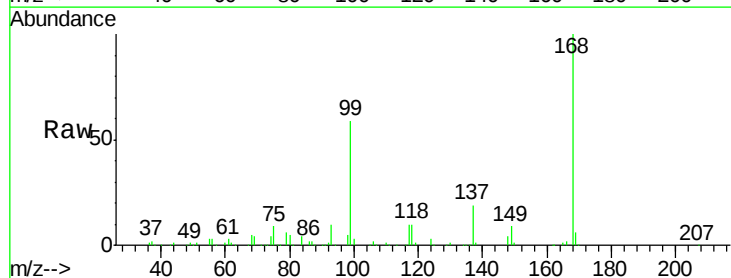
Instrument :
 MSVOA_W
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 SURCHARGE-SP-25

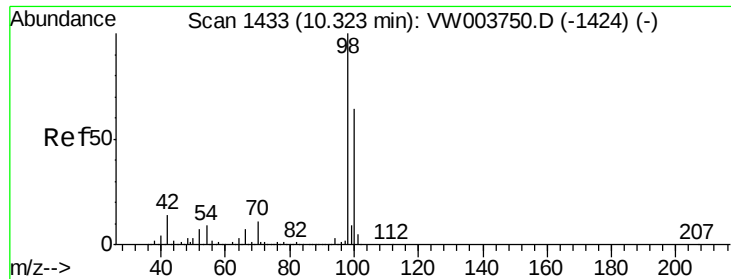
Tot Ion: 75 Resp: 10914
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.9 50.6#
 77 0.2 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.086 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003852.D
 Acq: 11 Jul 2018 04:38

Tgt Ion: 117 Resp: 12585
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.4 116.2#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 23.578 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003852.D

Acq: 11 Jul 2018 04:38

Instrument :

MSVOA_W

ClientSampleId :

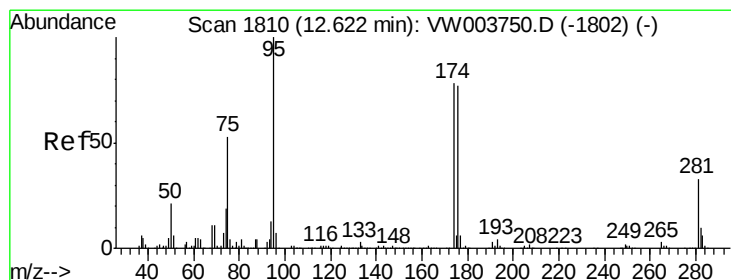
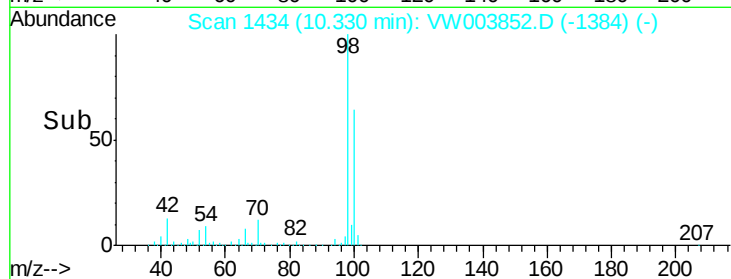
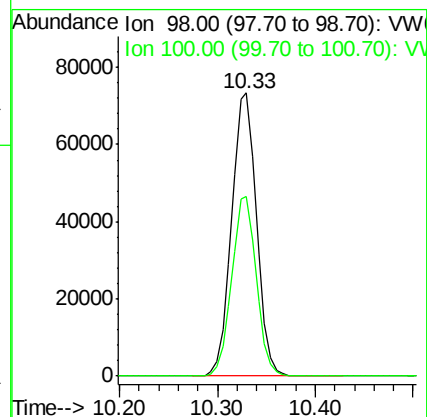
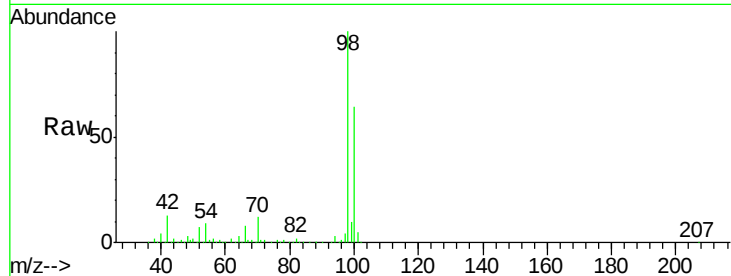
SURCHARGE-SP-25

Tot Ion: 98 Resp: 129396

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 14.757 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003852.D

Acq: 11 Jul 2018 04:38

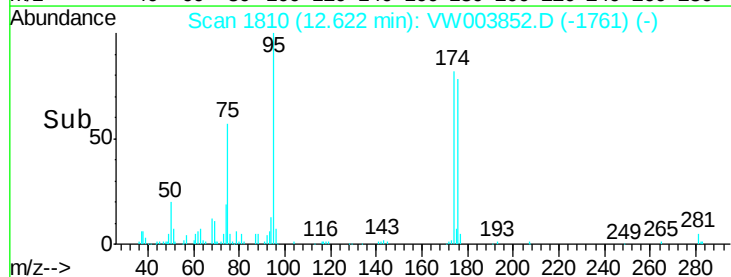
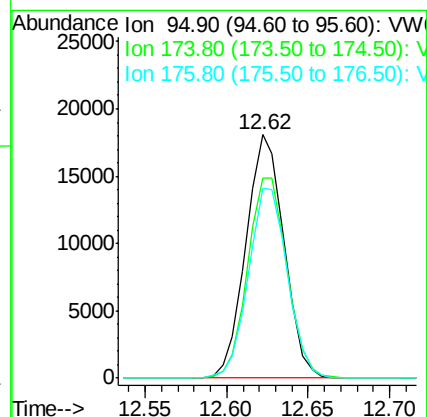
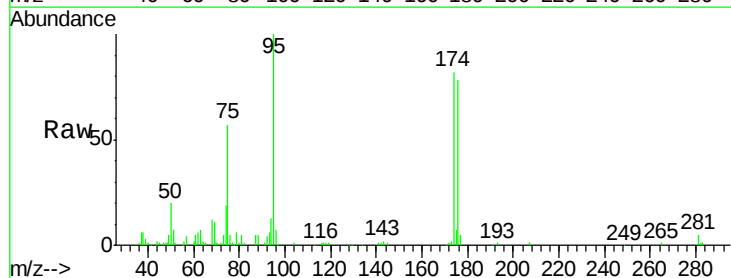
Tgt Ion: 95 Resp: 29302

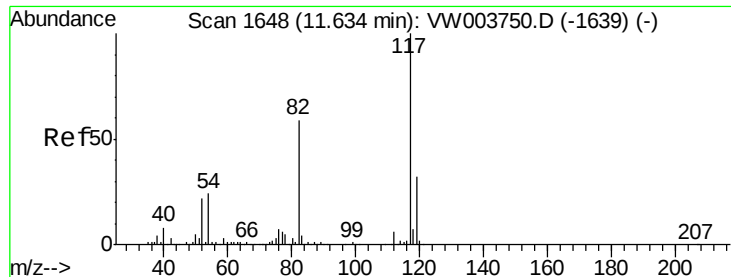
Ion Ratio Lower Upper

95 100

174 85.0 0.0 163.4

176 79.9 0.0 156.8

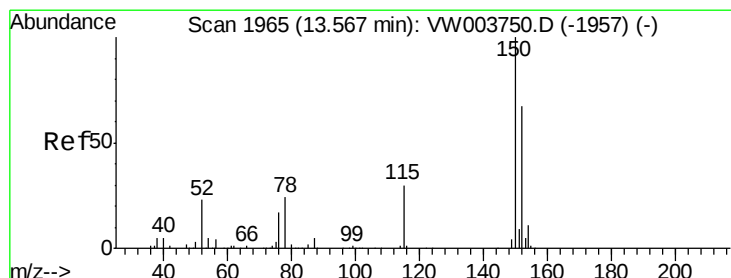
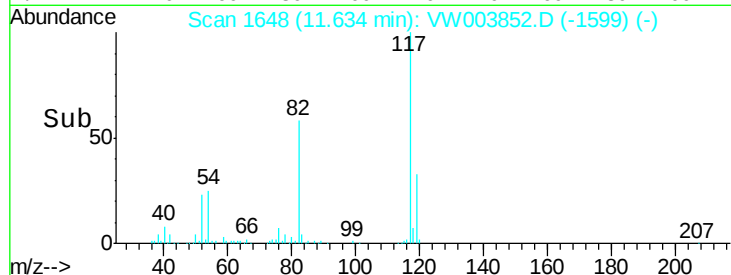
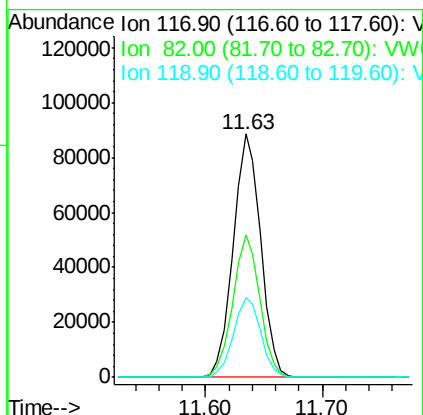
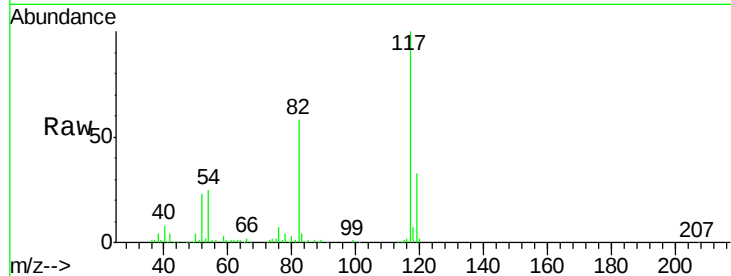




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

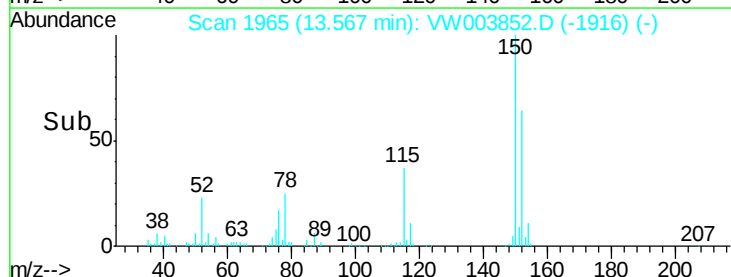
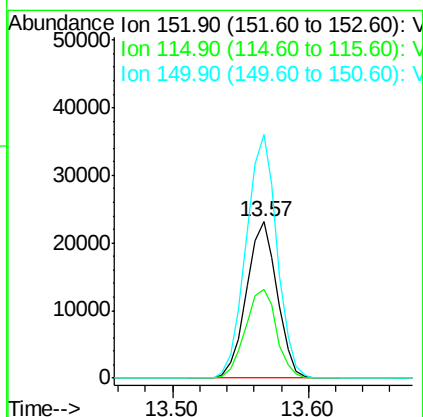
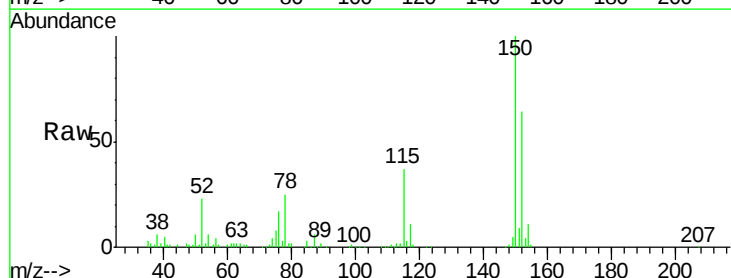
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-25

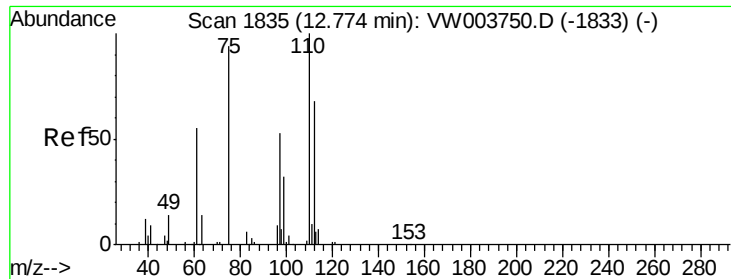
Tot Ion:117 Resp: 145247
Ion Ratio Lower Upper
117 100
82 58.3 46.9 70.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003852.D
Acq: 11 Jul 2018 04:38

Tgt Ion:152 Resp: 36678
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.8
150 156.0 0.0 342.4

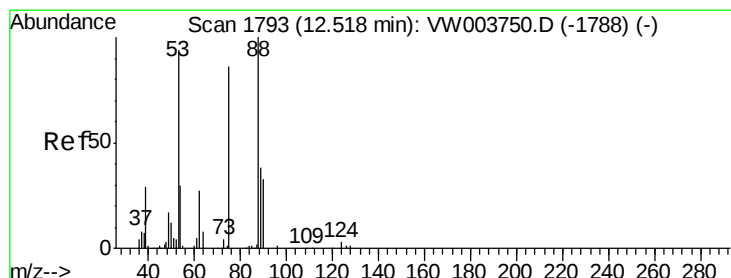
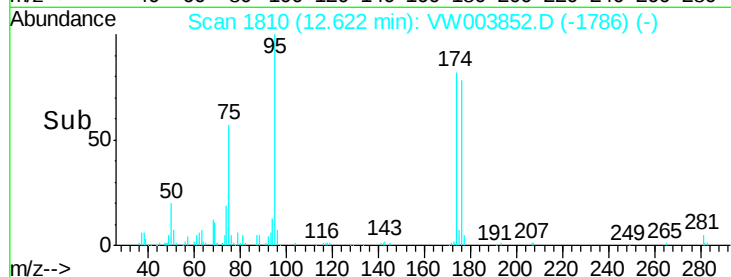
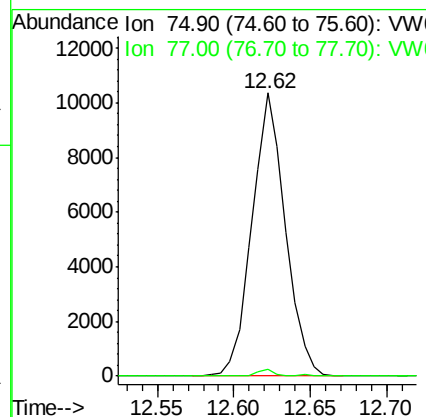
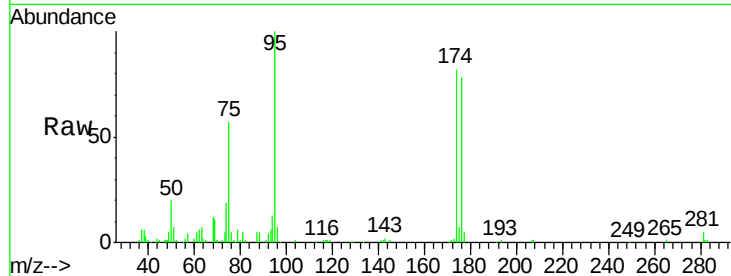




#76
 1,2,3-Trichloropropane
 Concen: 43.574 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003852.D
 Acq: 11 Jul 2018 04:38

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-25

Tot Ion: 75 Resp: 15694
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.591 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003852.D
 Acq: 11 Jul 2018 04:38

Tgt Ion: 75 Resp: 15694
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.0 127.6#
 89 0.0 36.3 54.5#

