

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003806.D
 Acq On : 10 Jul 2018 05:25
 Operator : SY/AP
 Sample : J3879-20
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-10

Quant Time: Jul 10 06:51:26 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	89242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	147075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26898	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	1513	1.30	ug/l	0.00
Spiked Amount			Recovery	=	2.60%	
35) Dibromofluoromethane	7.88	113	1253	1.22	ug/l	0.00
Spiked Amount			Recovery	=	2.44%	
50) Toluene-d8	10.32	98	2817	0.72	ug/l	0.00
Spiked Amount			Recovery	=	1.44%	
62) 4-Bromofluorobenzene	12.63	95	820	0.58	ug/l	0.00
Spiked Amount			Recovery	=	1.16%	

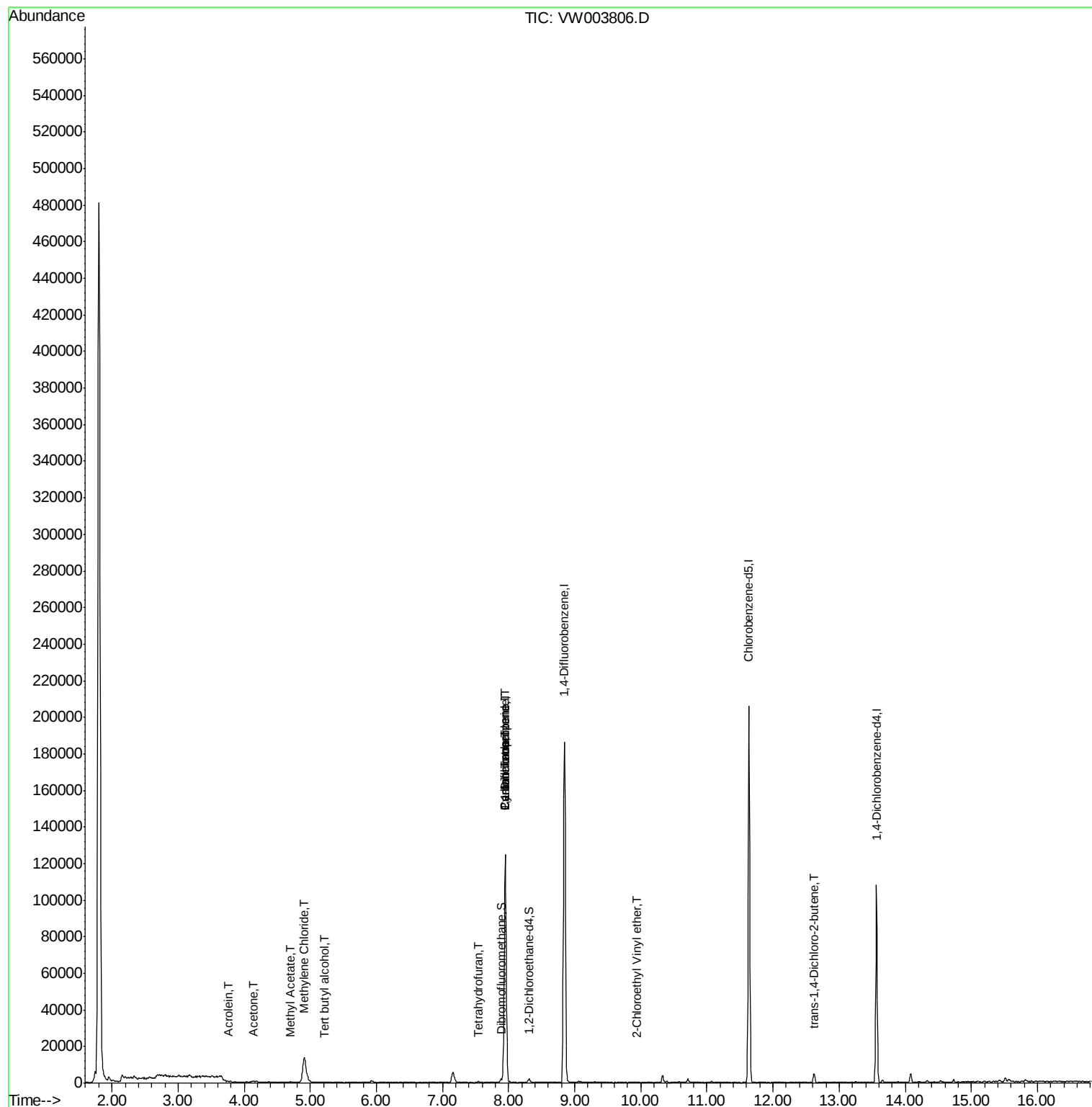
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	92	1.45	ug/l #	70
13) Acrolein	3.76	56	19	4.92	ug/l #	54
16) Acetone	4.15	43	1194	5.90	ug/l #	84
18) Methyl Acetate	4.70	43	631	1.11	ug/l #	70
20) Methylene Chloride	4.91	84	12000	8.52	ug/l	97
29) Tetrahydrofuran	7.54	42	432	2.12	ug/l #	57
31) Cyclohexane	7.95	56	2534	1.49	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	7965	5.10	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9084	6.12	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	20	13.20	ug/l #	49
81) trans-1,4-Dichloro-2-buten	12.62	75	468	4.33	ug/l #	7

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

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QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003806.D

Acq: 10 Jul 2018 05:25

Instrument :

MSVOA_W

ClientSampleId :

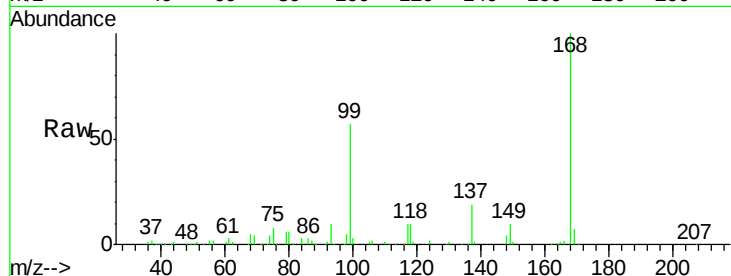
SURCHARGE-SP-10

Tot Ion:168 Resp: 89242

Ion Ratio Lower Upper

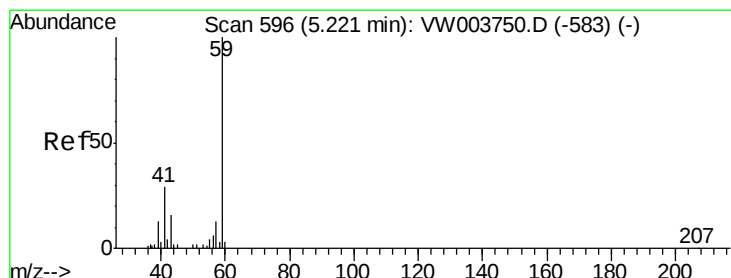
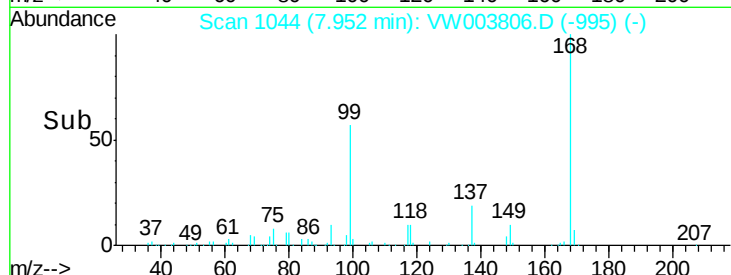
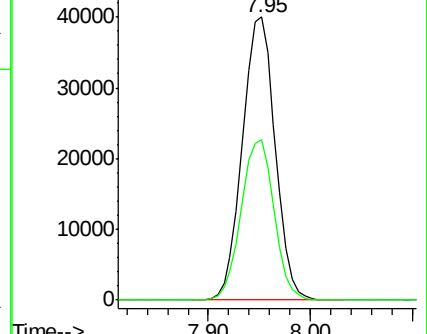
168 100

99 56.7 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: 1.45 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

Lab File: VW003806.D

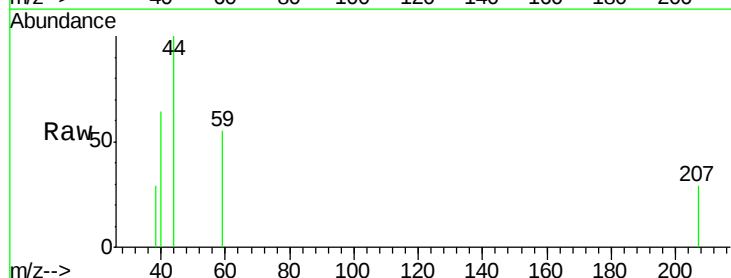
Acq: 10 Jul 2018 05:25

Tgt Ion: 59 Resp: 92

Ion Ratio Lower Upper

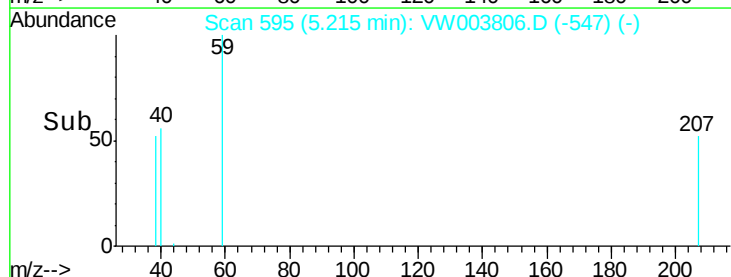
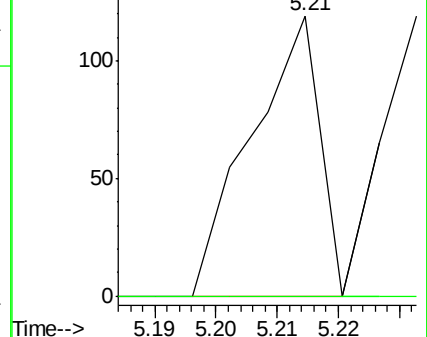
59 100

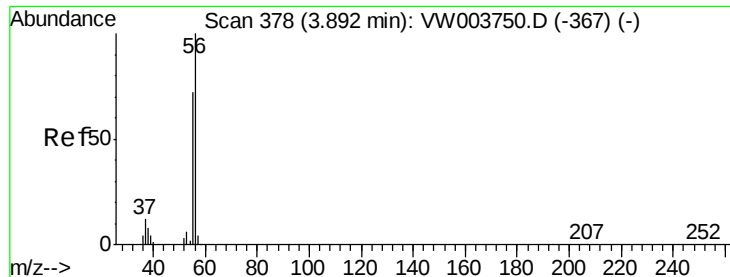
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.92 ug/l

RT: 3.76 min Scan# 357

Delta R.T. -0.13 min

Lab File: VW003806.D

Acq: 10 Jul 2018 05:25

Instrument :

MSVOA_W

ClientSampleId :

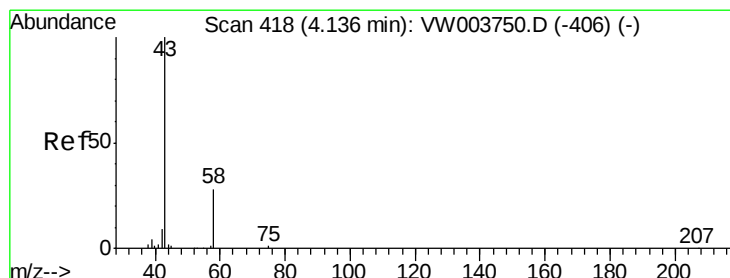
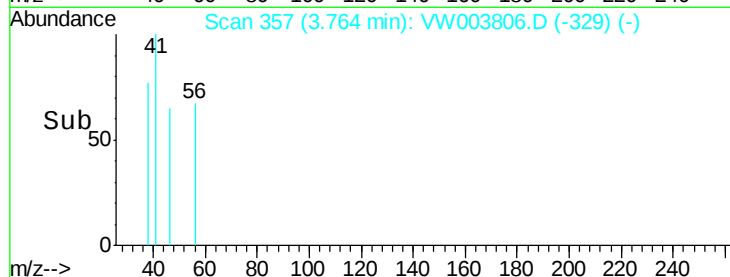
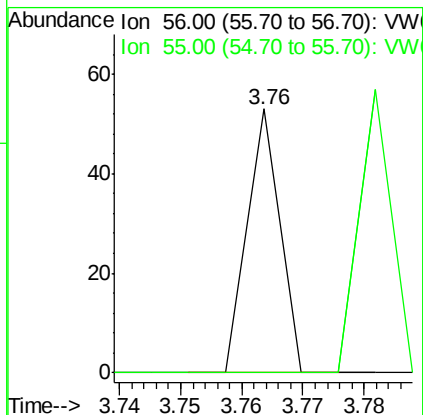
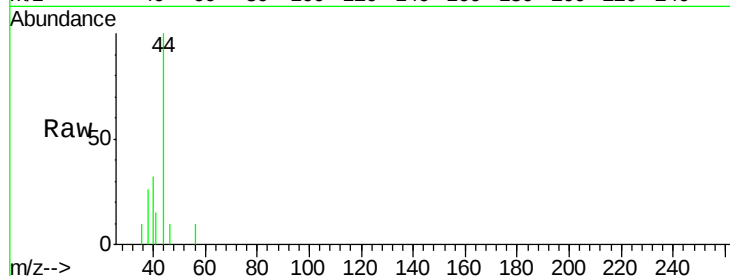
SURCHARGE-SP-10

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 110.5 57.5 86.3#



#16

Acetone

Concen: 5.90 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW003806.D

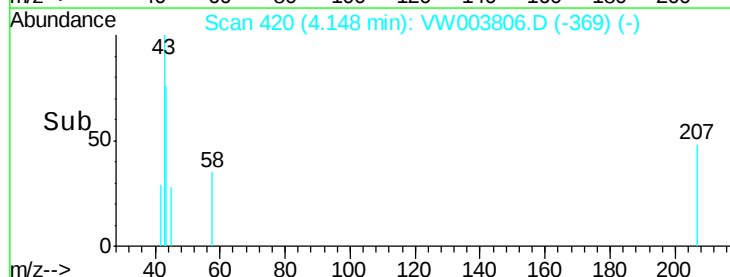
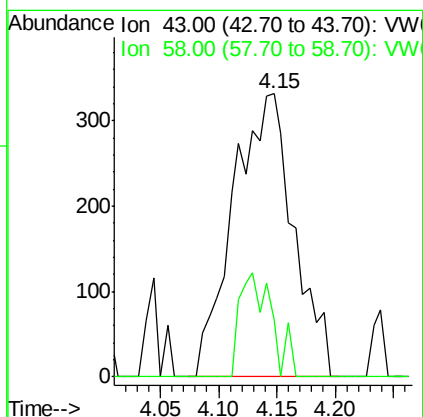
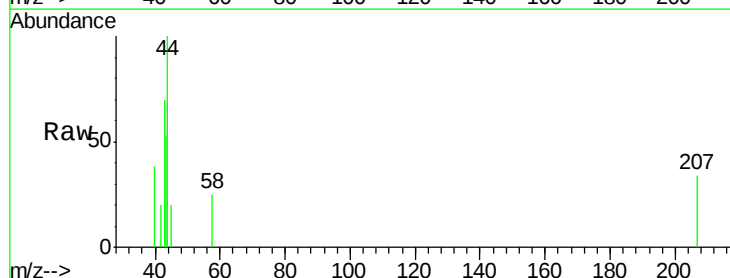
Acq: 10 Jul 2018 05:25

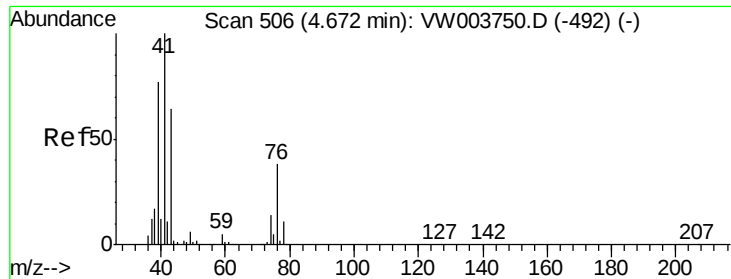
Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

58 19.9 22.6 34.0#

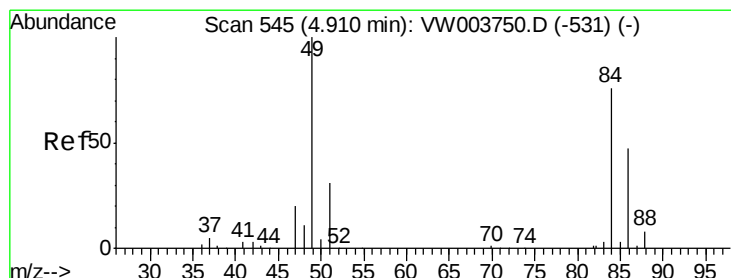
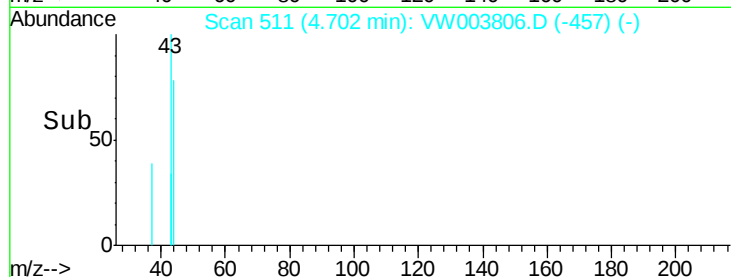
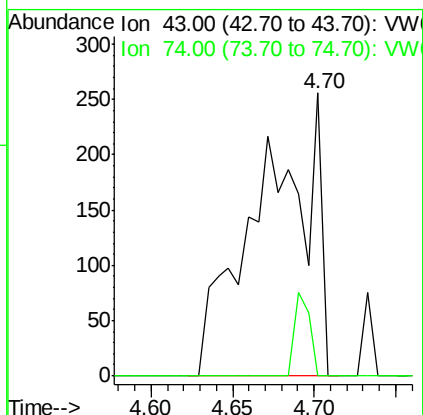
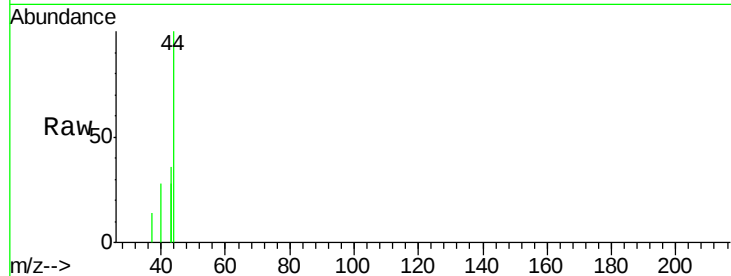




#18
Methyl Acetate
Concen: 1.11 ug/l
RT: 4.70 min Scan# 511
Delta R.T. 0.03 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

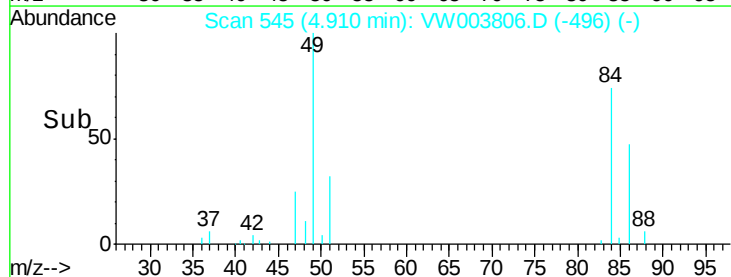
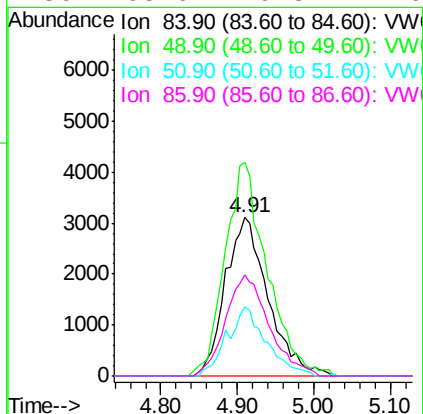
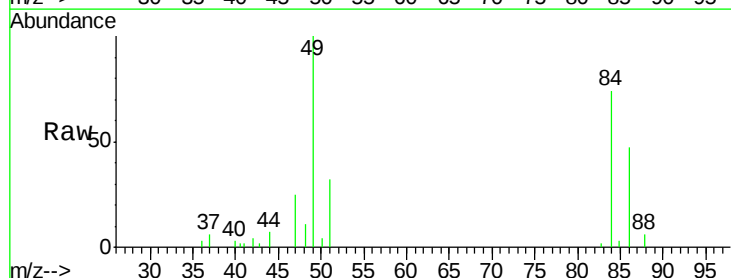
Instrument :
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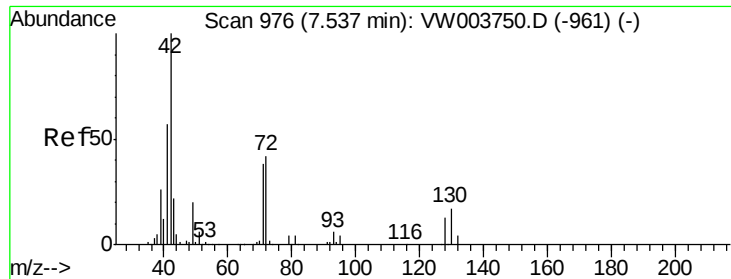
Tot Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
74 7.6 17.3 25.9#



#20
Methylene Chloride
Concen: 8.52 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

Tgt Ion: 84 Resp: 12000
Ion Ratio Lower Upper
84 100
49 134.9 105.1 157.7
51 43.3 32.5 48.7
86 63.6 49.8 74.6

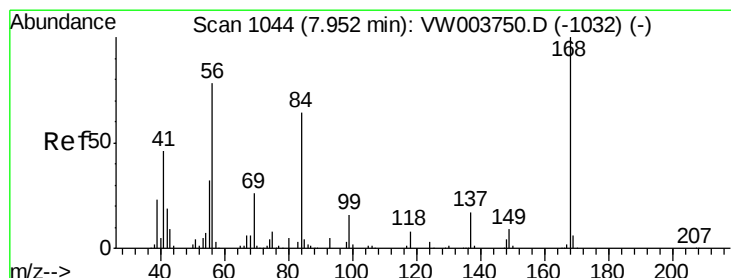
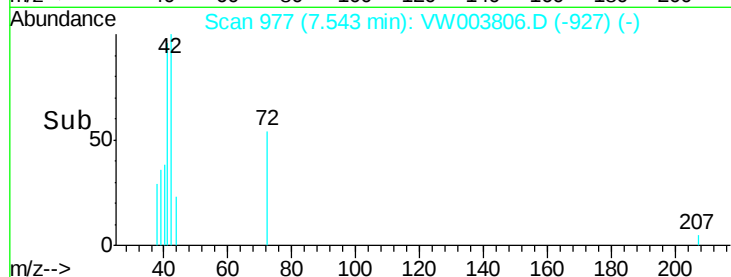
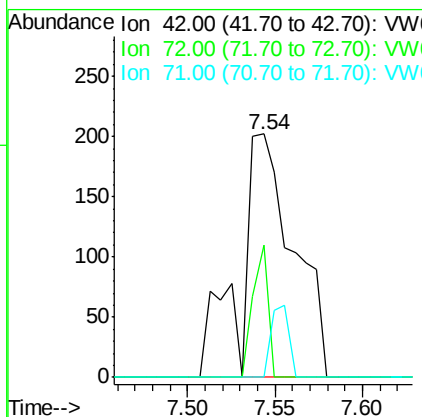
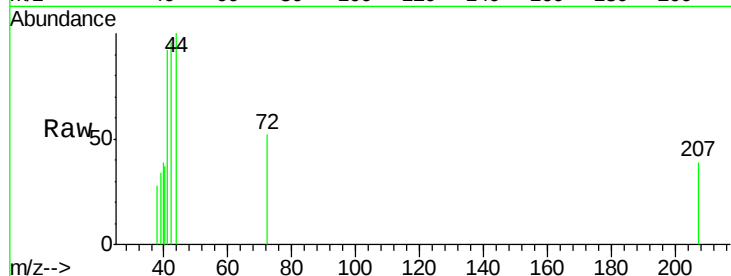




#29
Tetrahydrofuran
Concen: 2.12 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

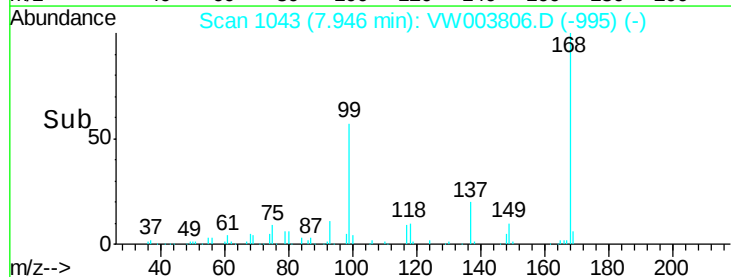
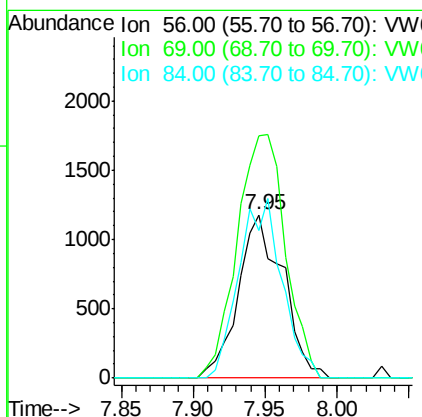
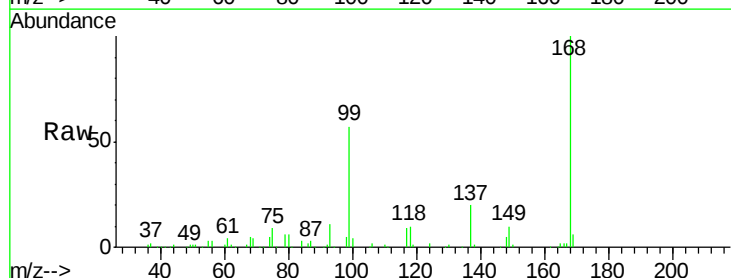
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-10

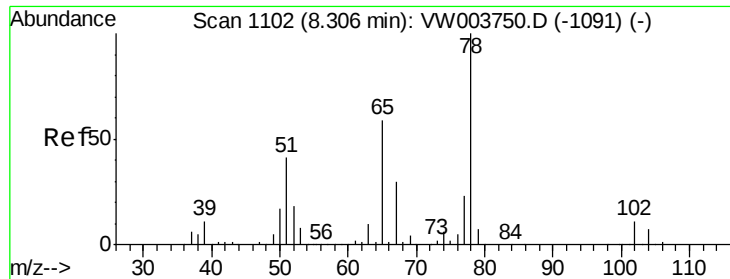
Tot Ion: 42 Resp: 432
Ion Ratio Lower Upper
42 100
72 15.0 31.8 47.8#
71 9.7 30.3 45.5#



#31
Cyclohexane
Concen: 1.49 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

Tgt Ion: 56 Resp: 2534
Ion Ratio Lower Upper
56 100
69 148.6 26.2 39.4#
84 90.9 65.5 98.3

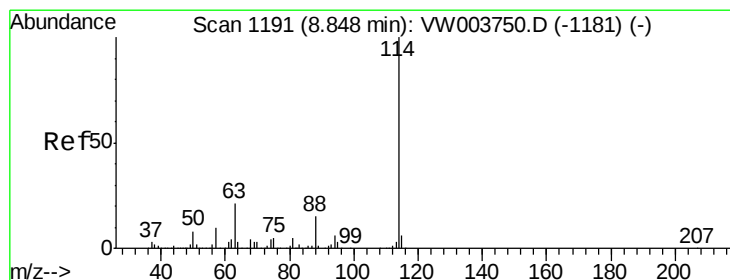
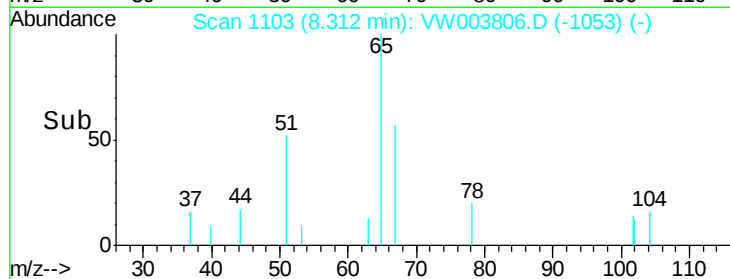
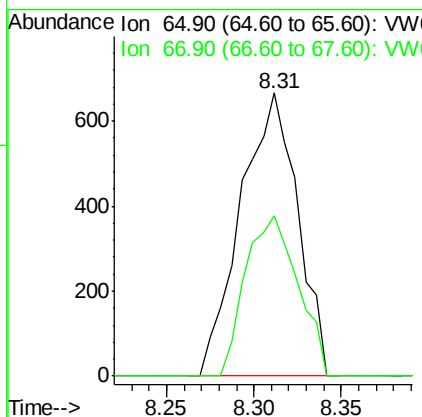
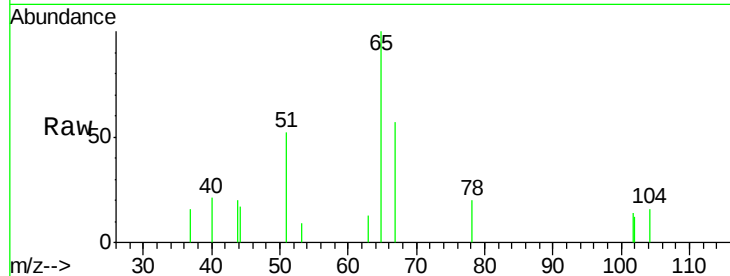




#33
 1,2-Dichloroethane-d4
 Concen: 1.30 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003806.D
 Acq: 10 Jul 2018 05:25

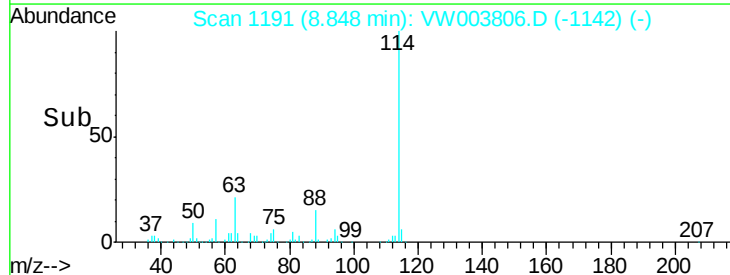
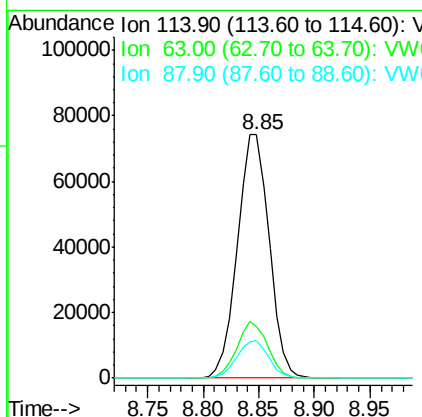
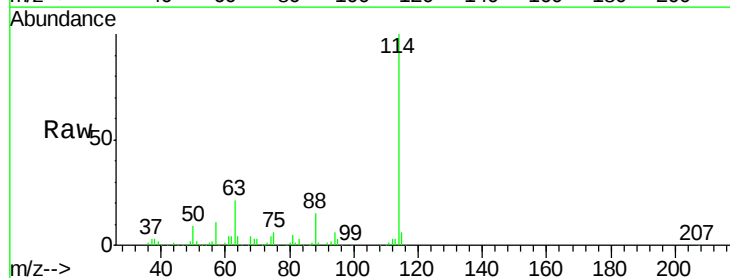
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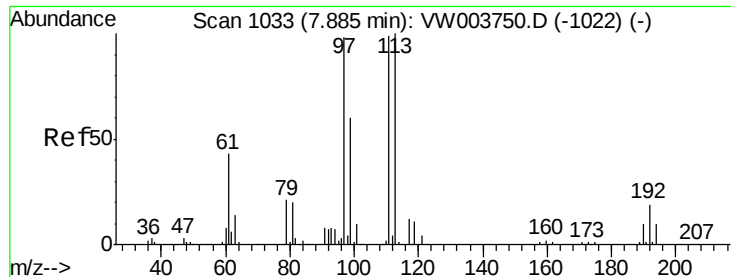
Tot Ion: 65 Resp: 1513
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003806.D
 Acq: 10 Jul 2018 05:25

Tgt Ion: 114 Resp: 147075
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.8
 88 15.3 0.0 30.2

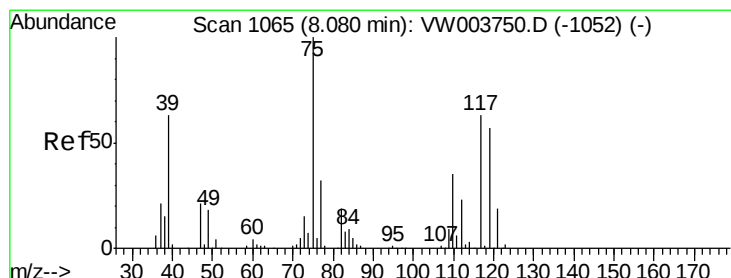
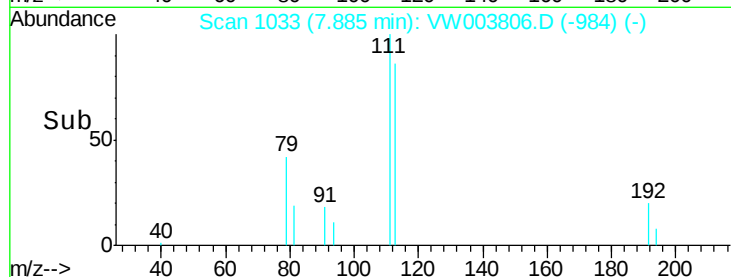
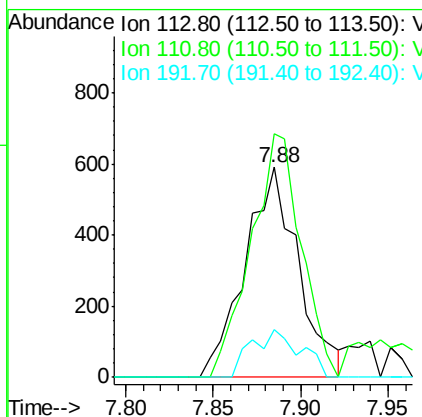
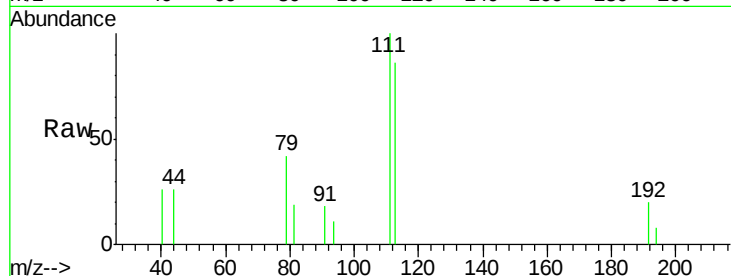




#35
 Dibromofluoromethane
 Concen: 1.22 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003806.D
 Acq: 10 Jul 2018 05:25

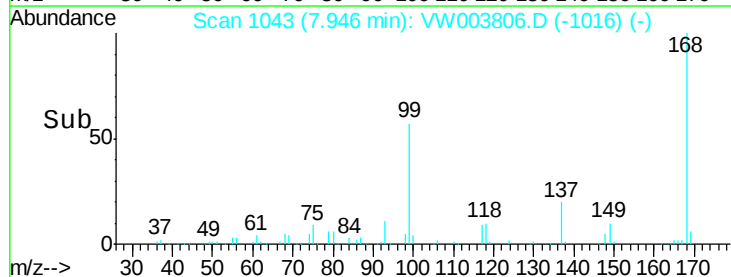
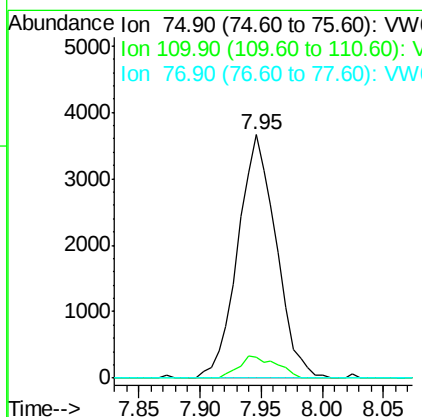
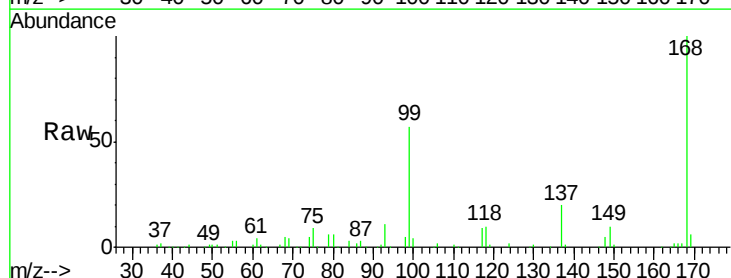
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 SURCHARGE-SP-10

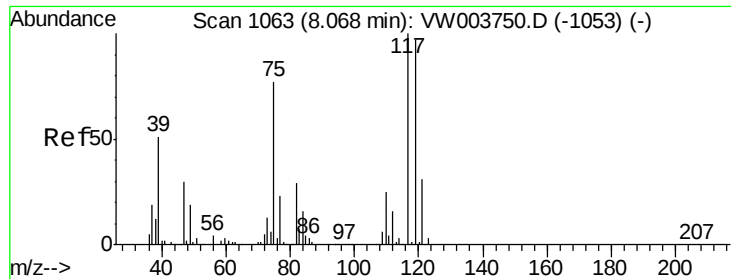
Tot Ion:113 Resp: 1253
 Ion Ratio Lower Upper
 113 100
 111 108.9 81.7 122.5
 192 21.0 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 5.10 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003806.D
 Acq: 10 Jul 2018 05:25

Tgt Ion: 75 Resp: 7965
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#

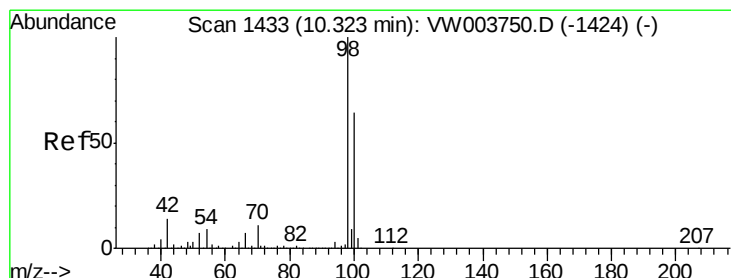
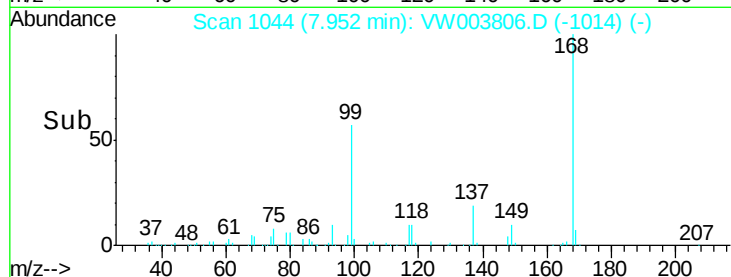
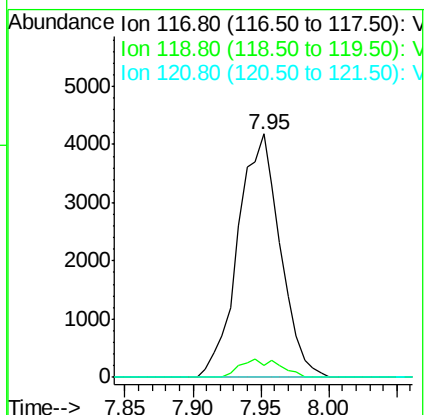
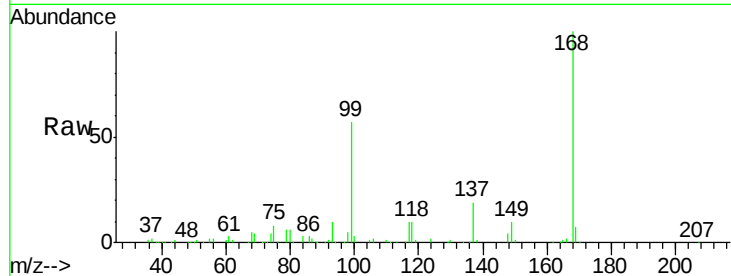




#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

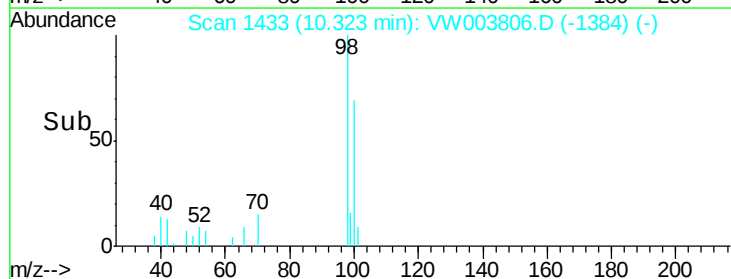
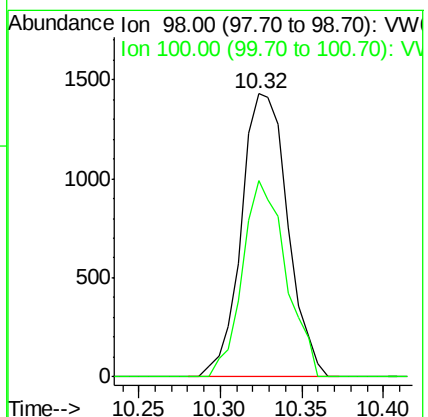
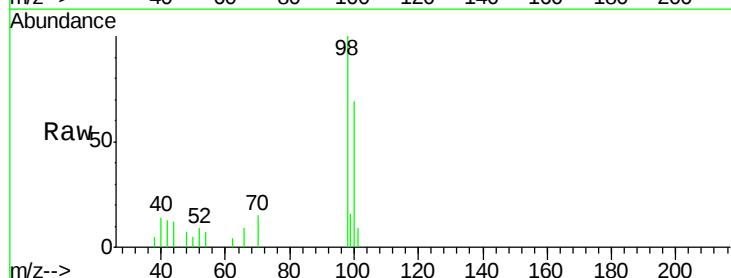
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-10

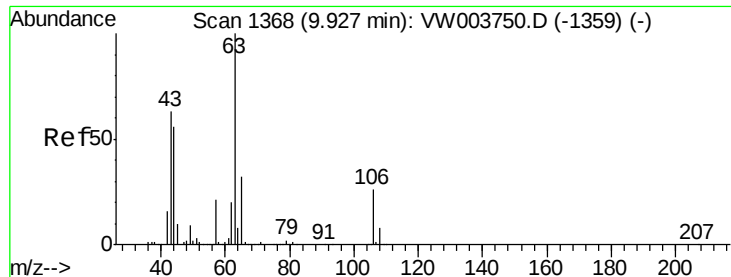
Tot Ion:117 Resp: 9084
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 0.72 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

Tgt Ion: 98 Resp: 2817
Ion Ratio Lower Upper
98 100
100 65.1 50.8 76.2

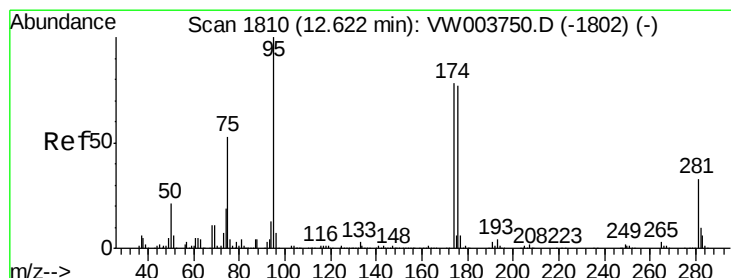
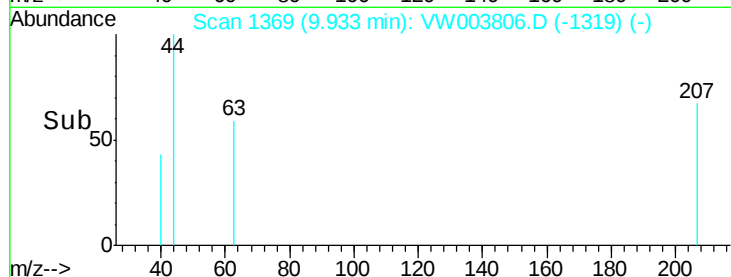
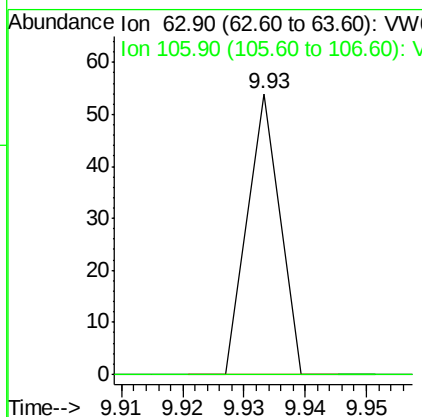
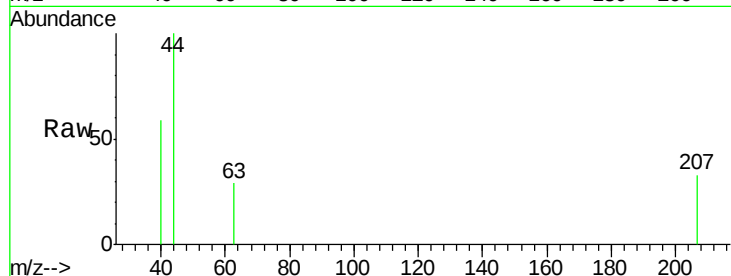




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.20 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW003806.D
 Acq: 10 Jul 2018 05:25

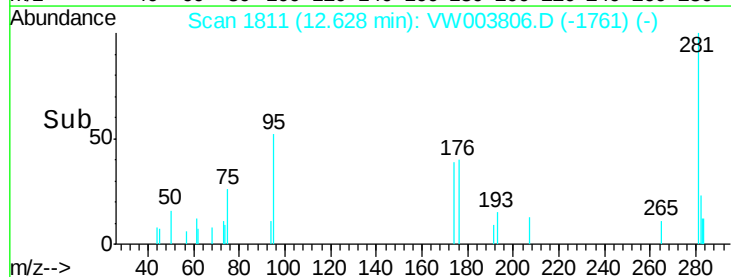
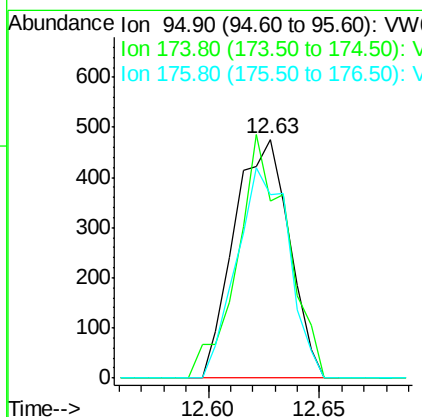
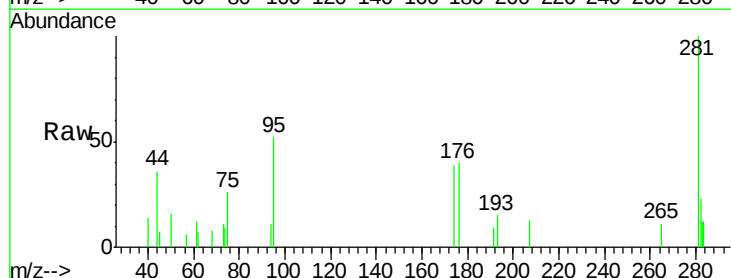
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-10

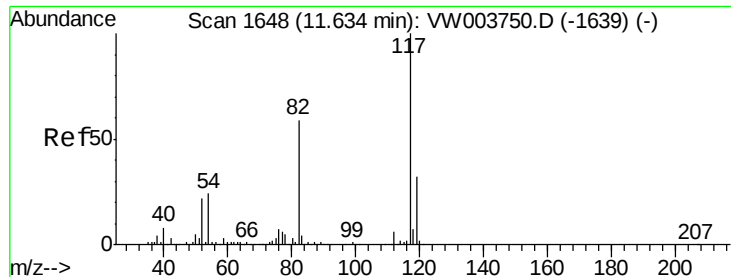
Tot Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 0.58 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW003806.D
 Acq: 10 Jul 2018 05:25

Tgt Ion: 95 Resp: 820
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 163.4
 176 83.8 0.0 156.8

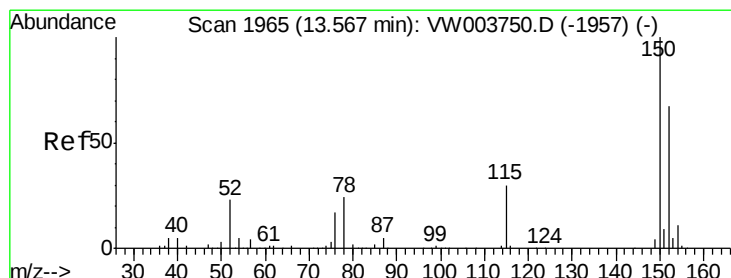
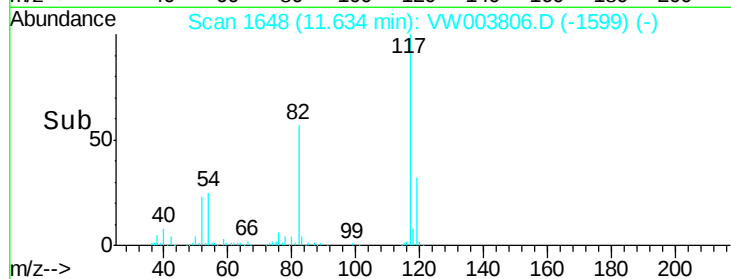
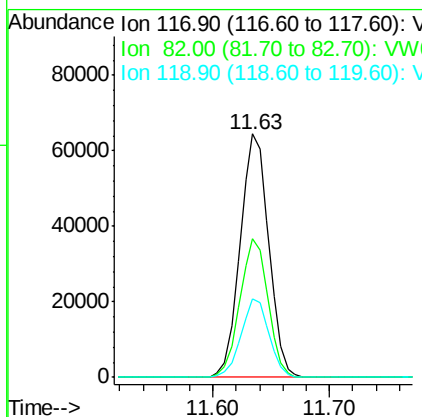
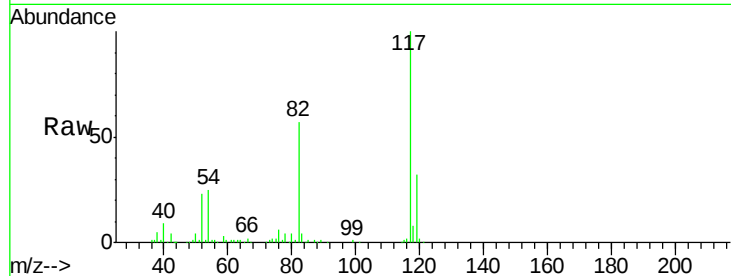




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

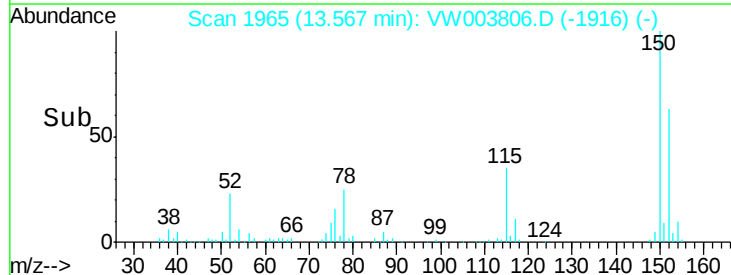
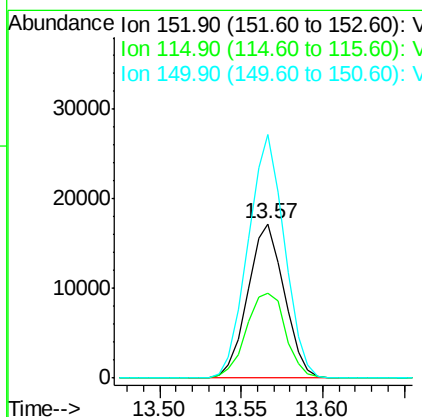
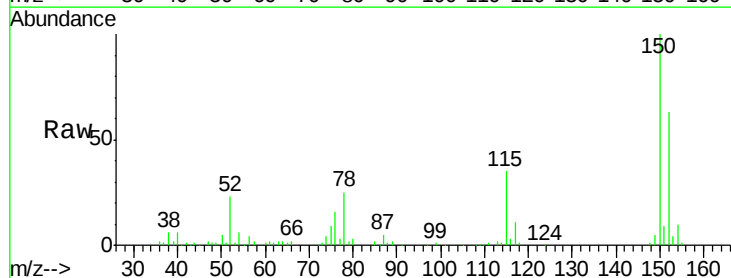
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-10

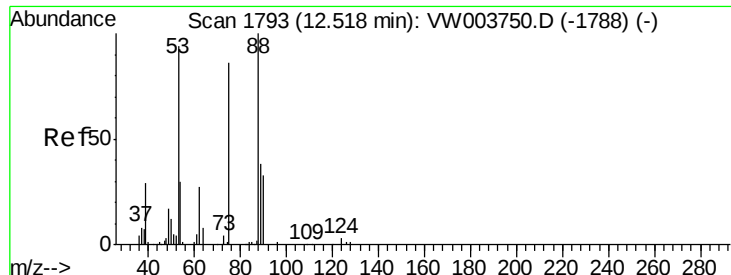
Tot Ion:117 Resp: 110009
Ion Ratio Lower Upper
117 100
82 56.9 46.9 70.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003806.D
Acq: 10 Jul 2018 05:25

Tgt Ion:152 Resp: 26898
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 157.9 0.0 342.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.33 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003806.D

Acq: 10 Jul 2018 05:25

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-10

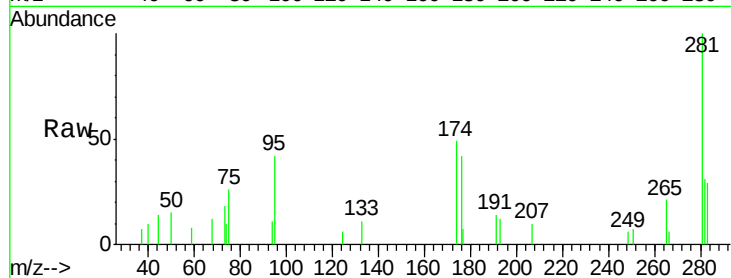
Tot Ion: 75 Resp: 468

Ion Ratio Lower Upper

75 100

53 0.0 85.0 127.6#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

