

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003851.D
 Acq On : 11 Jul 2018 04:12
 Operator : SY/AP
 Sample : J3881-08
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-24

Quant Time: Jul 11 04:54:51 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	137707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	236706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	63656	35.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.70%	
35) Dibromofluoromethane	7.88	113	57961	34.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.98%	
50) Toluene-d8	10.33	98	166651	26.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.60%	
62) 4-Bromofluorobenzene	12.62	95	42528	18.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.10%	

Target Compounds

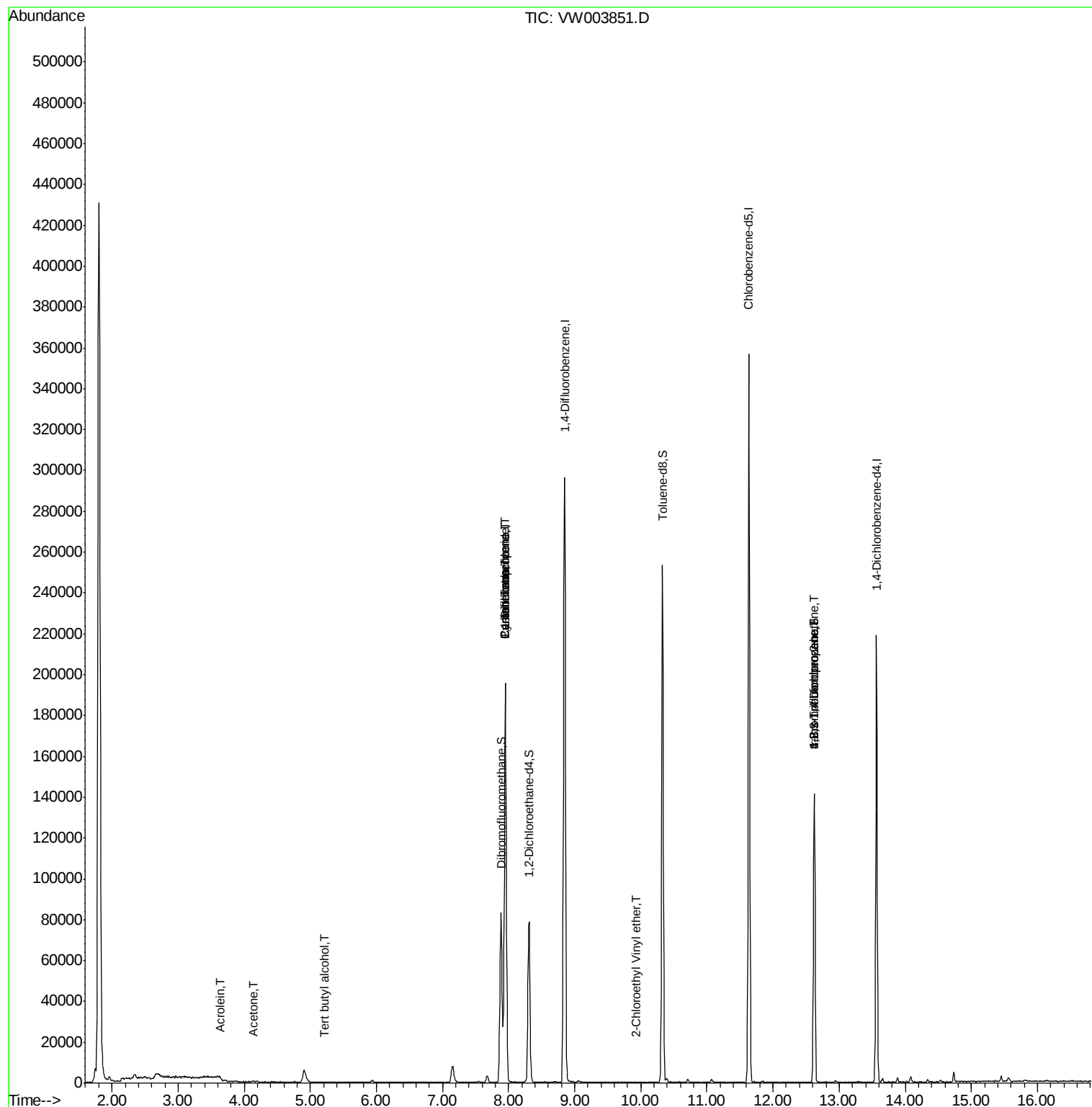
					Qvalue	
11) Tert butyl alcohol	5.21	59	109	1.117	ug/l #	70
13) Acrolein	3.65	56	30	4.924	ug/l #	1
16) Acetone	4.14	43	1090	3.489	ug/l #	80
20) Methylene Chloride	4.90	84	4755	Below Cal		98
31) Cyclohexane	7.95	56	3885	1.478	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	12034	4.791	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13991	5.859	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	19	13.188	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	23217	43.551	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23217	106.536	ug/l #	7

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

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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: VW003851.D

Acq: 11 Jul 2018 04:12

Instrument :

MSVOA_W

ClientSampleId :

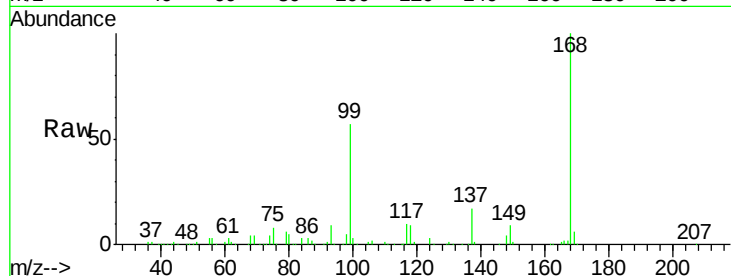
SURCHARGE-SP-24

Tot Ion:168 Resp: 137707

Ion Ratio Lower Upper

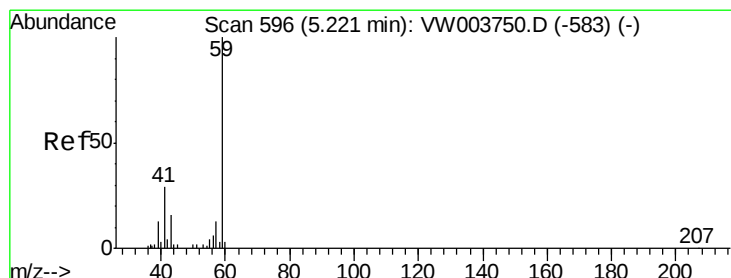
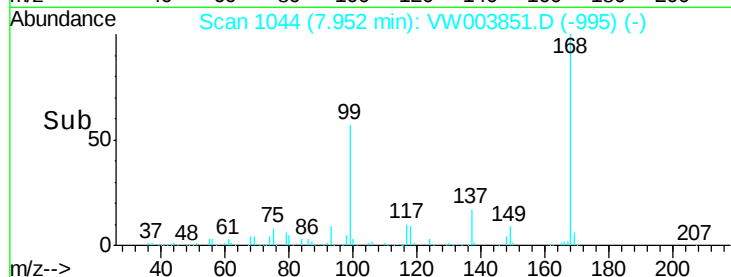
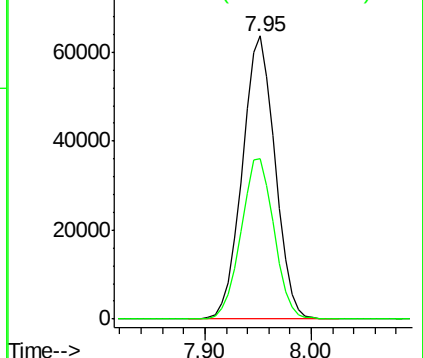
168 100

99 56.8 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: 1.117 ug/l

RT: 5.21 min Scan# 595

Delta R.T. -0.01 min

Lab File: VW003851.D

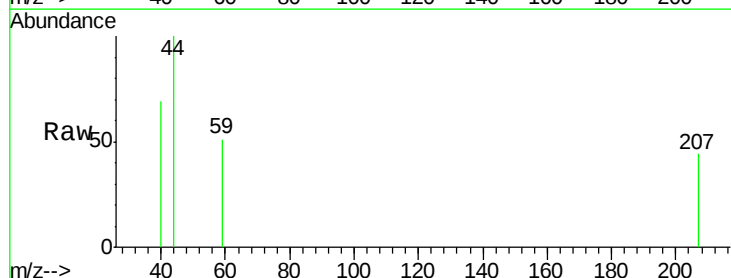
Acq: 11 Jul 2018 04:12

Tgt Ion: 59 Resp: 109

Ion Ratio Lower Upper

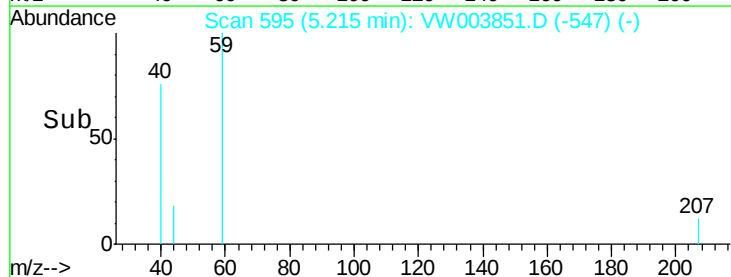
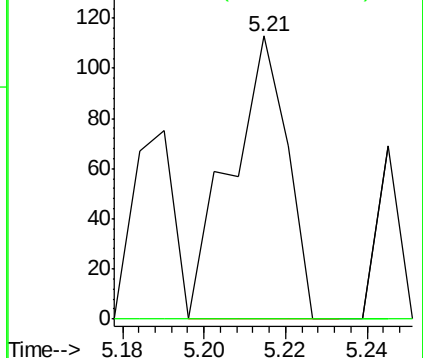
59 100

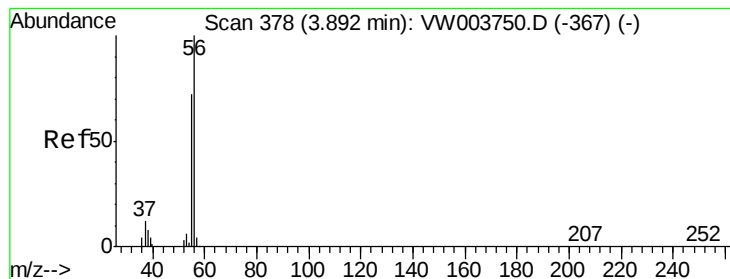
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 4.924 ug/l

RT: 3.65 min Scan# 338

Delta R.T. -0.24 min

Lab File: VW003851.D

Acq: 11 Jul 2018 04:12

Instrument :

MSVOA_W

ClientSampleId :

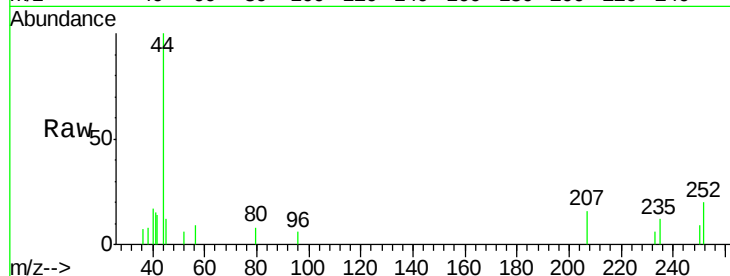
SURCHARGE-SP-24

Tot Ion: 56 Resp: 30

Ion Ratio Lower Upper

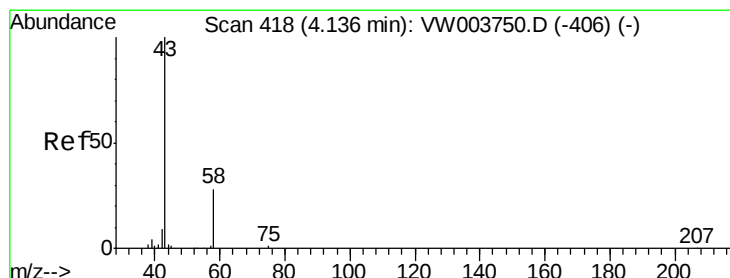
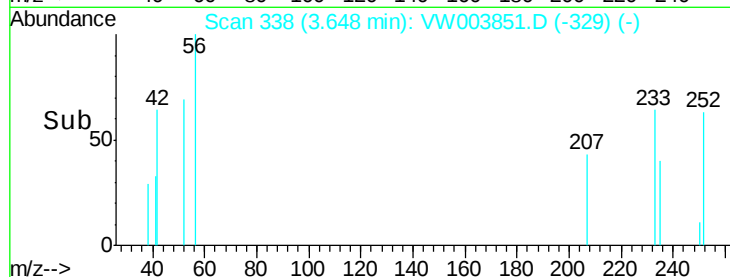
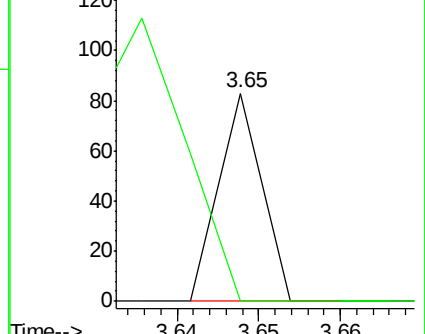
56 100

55 303.3 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: 3.489 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW003851.D

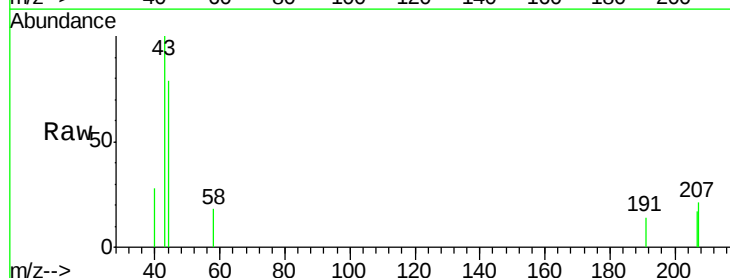
Acq: 11 Jul 2018 04:12

Tgt Ion: 43 Resp: 1090

Ion Ratio Lower Upper

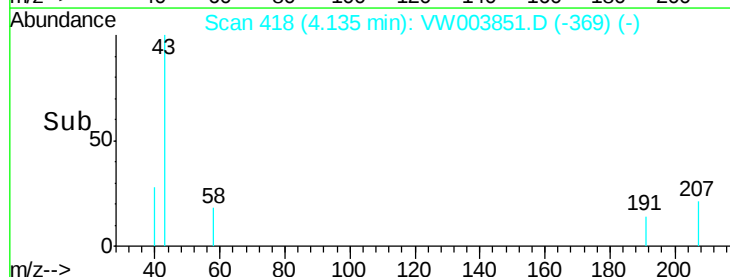
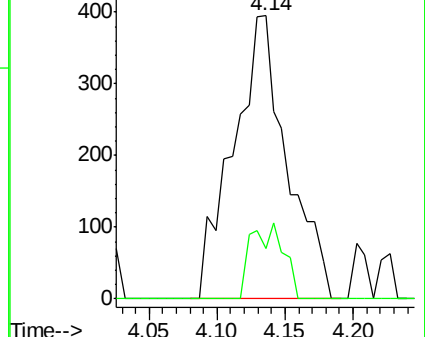
43 100

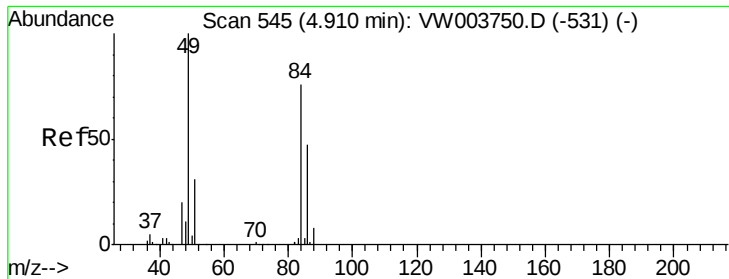
58 17.7 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003851.D

Acq: 11 Jul 2018 04:12

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-24

Tot Ion: 84 Resp: 4755

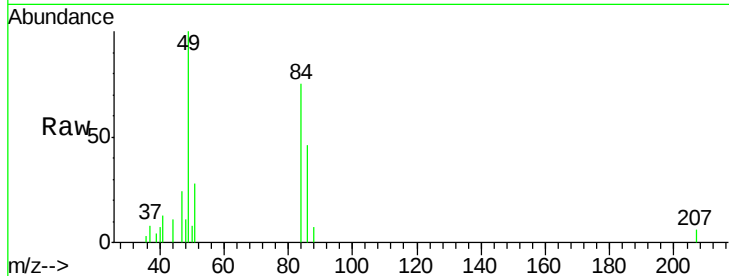
Ion Ratio Lower Upper

84 100

49 133.5 105.1 157.7

51 37.5 32.5 48.7

86 61.8 49.8 74.6

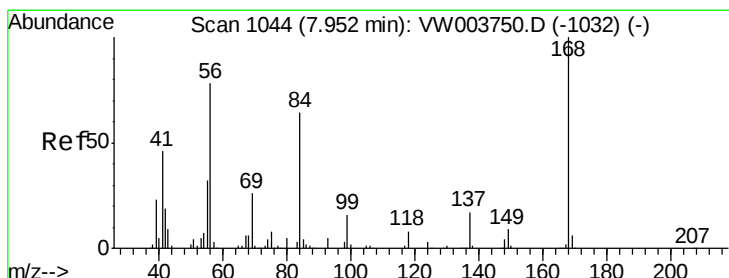
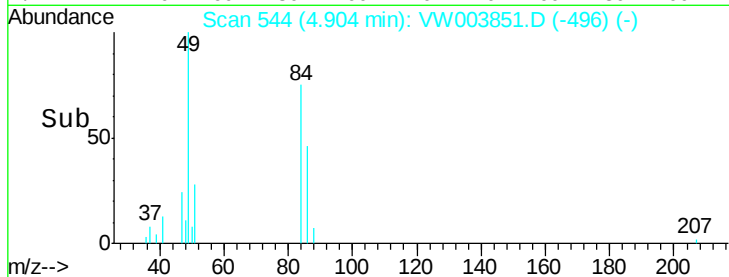
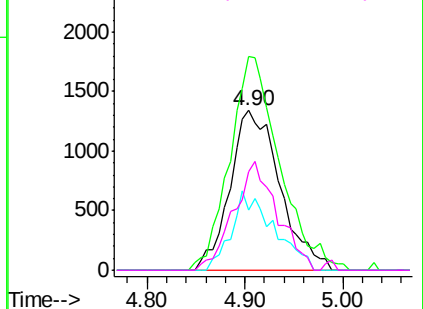


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.478 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003851.D

Acq: 11 Jul 2018 04:12

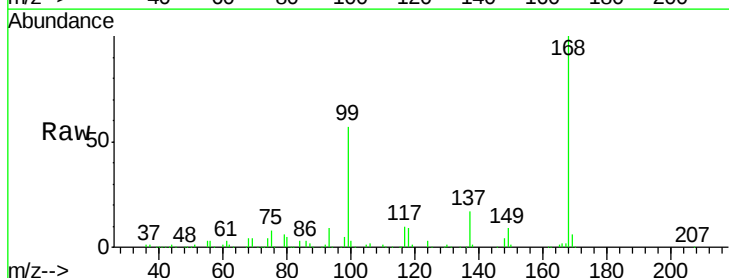
Tgt Ion: 56 Resp: 3885

Ion Ratio Lower Upper

56 100

69 151.7 26.2 39.4#

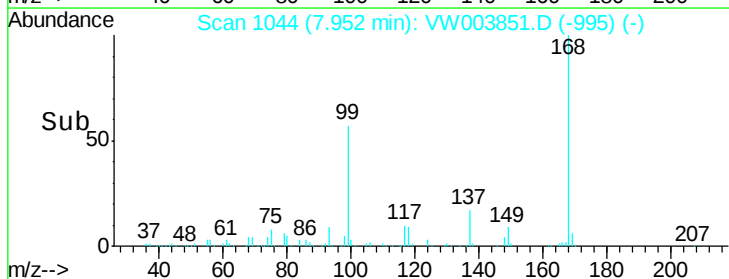
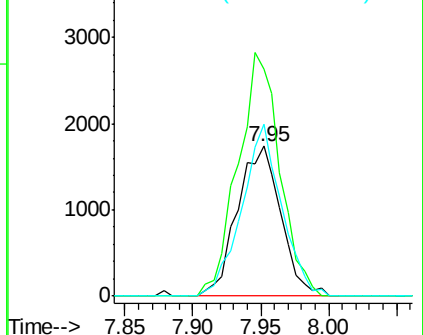
84 115.3 65.5 98.3#

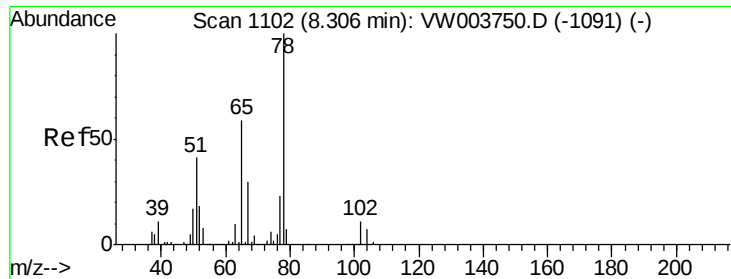


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

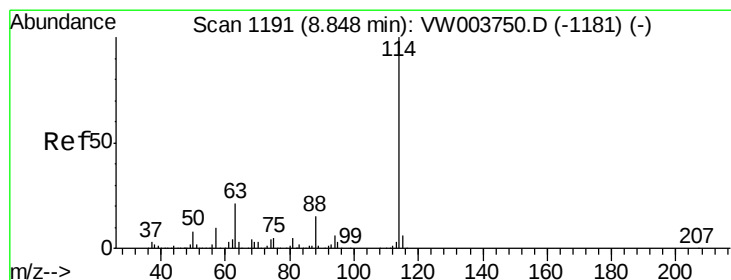
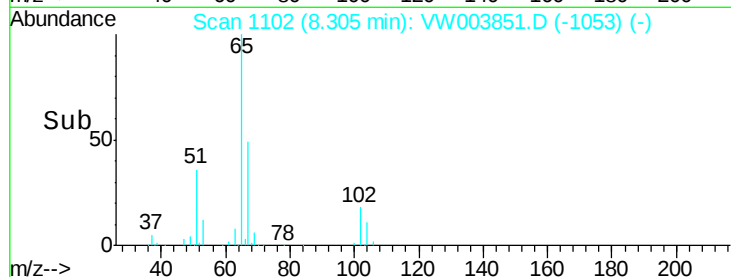
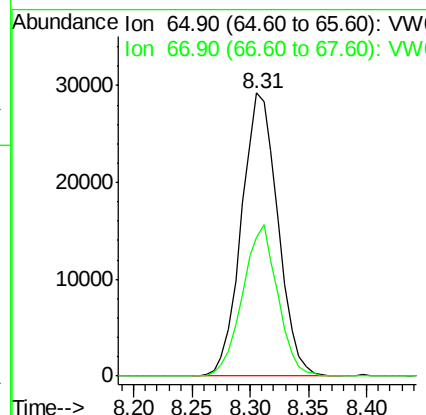
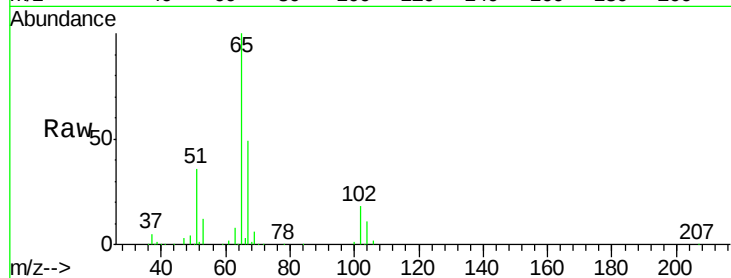




#33
 1,2-Dichloroethane-d4
 Concen: 35.348 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003851.D
 Acq: 11 Jul 2018 04:12

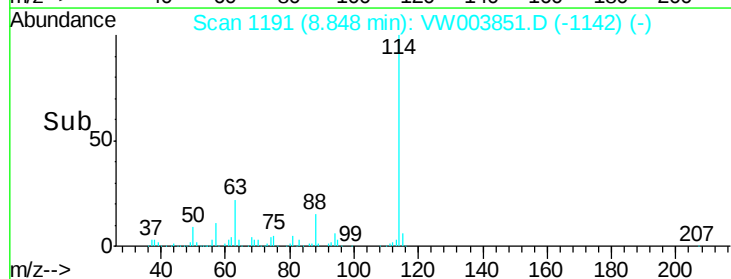
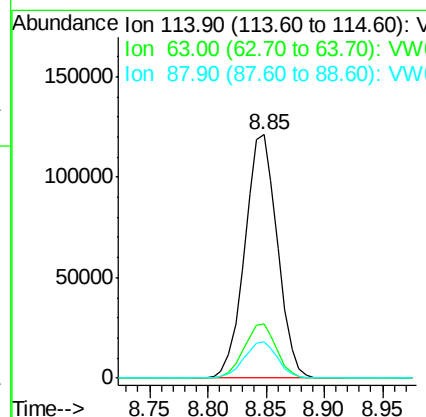
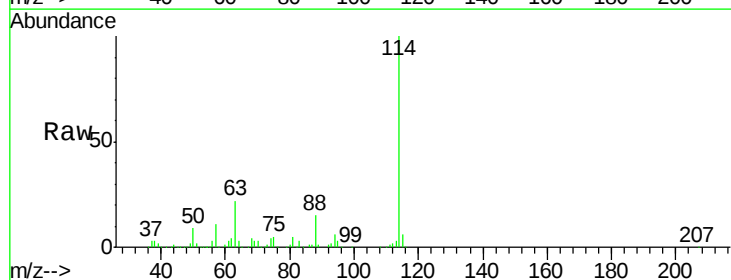
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-24

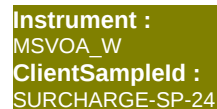
Tot Ion: 65 Resp: 63656
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



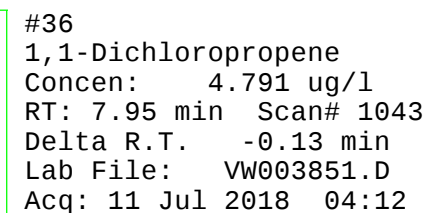
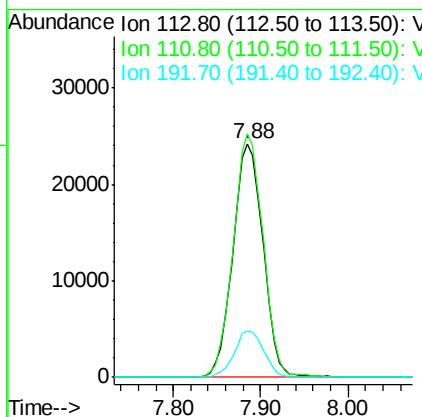
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003851.D
 Acq: 11 Jul 2018 04:12

Tgt Ion: 114 Resp: 236706
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.8
 88 15.0 0.0 30.2

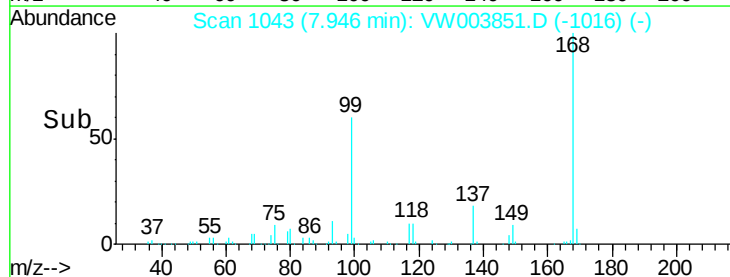
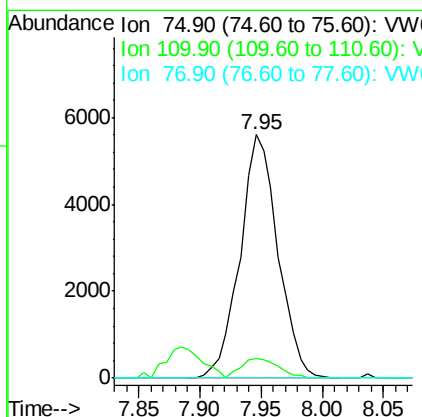


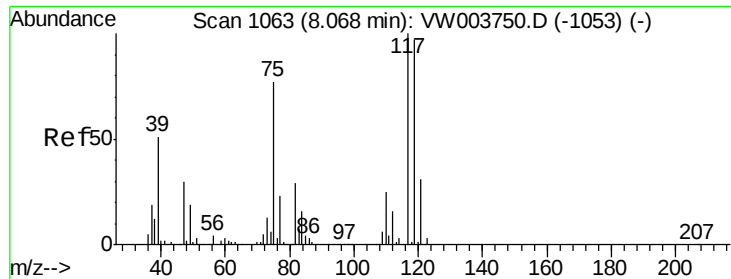


Tqt	Ion:113	Resp:	57961
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	19.5	15.8	23.8



Tgt	Ion: 75	Resp:	12034
Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.9	50.6#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.859 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003851.D

Acq: 11 Jul 2018 04:12

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-24

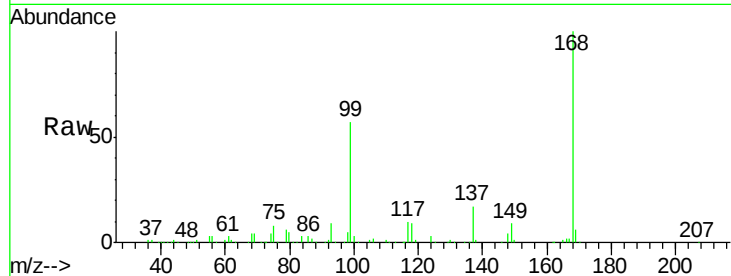
Tot Ion:117 Resp: 13991

Ion Ratio Lower Upper

117 100

119 7.5 77.4 116.2#

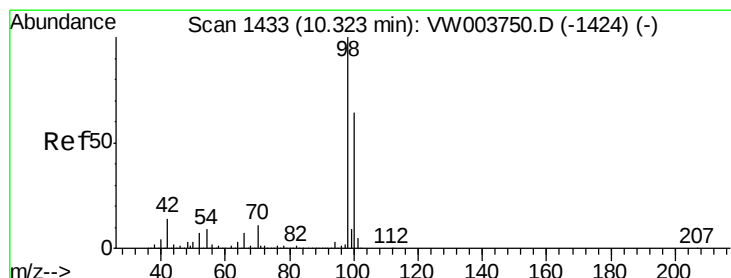
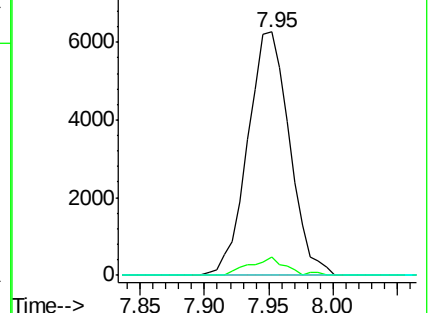
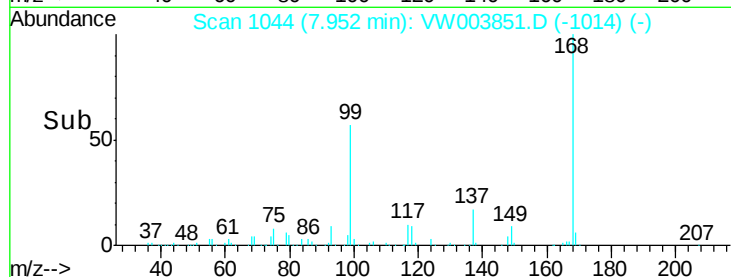
121 0.0 24.6 37.0#



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: 26.298 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003851.D

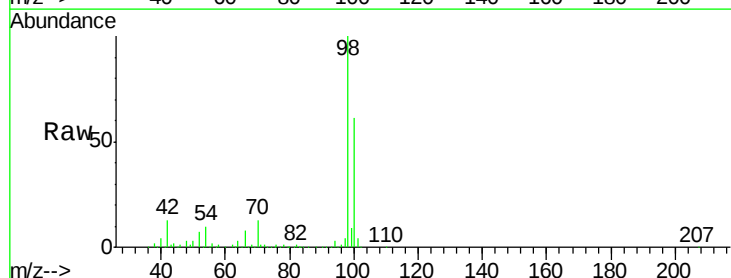
Acq: 11 Jul 2018 04:12

Tgt Ion: 98 Resp: 166651

Ion Ratio Lower Upper

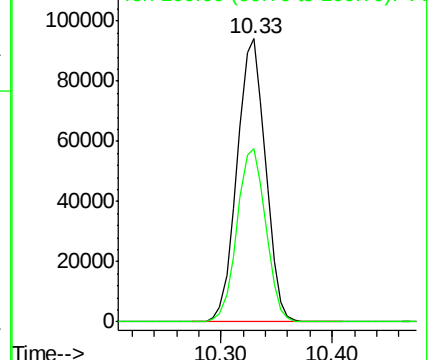
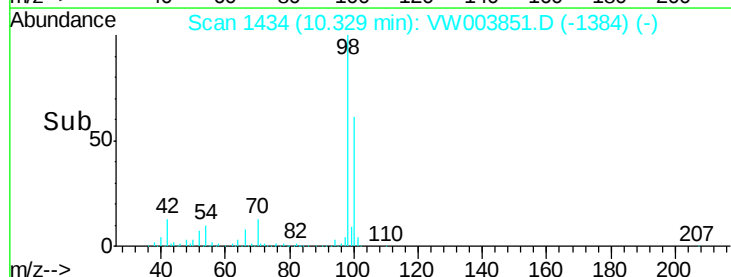
98 100

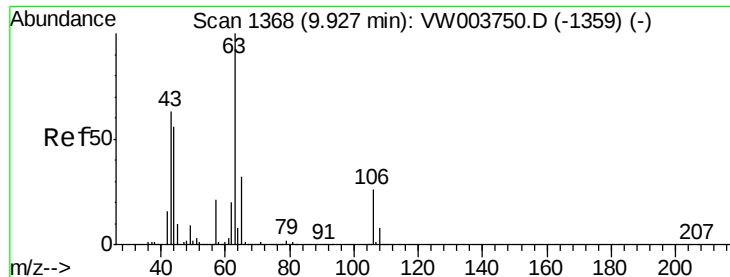
100 61.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

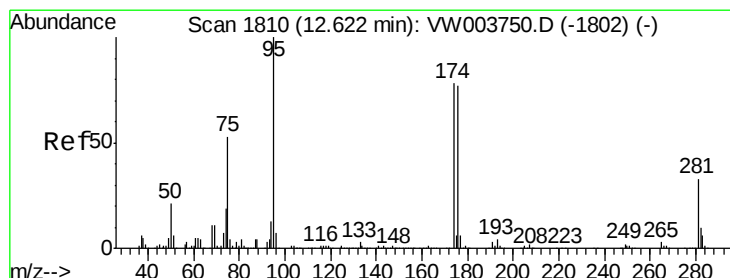
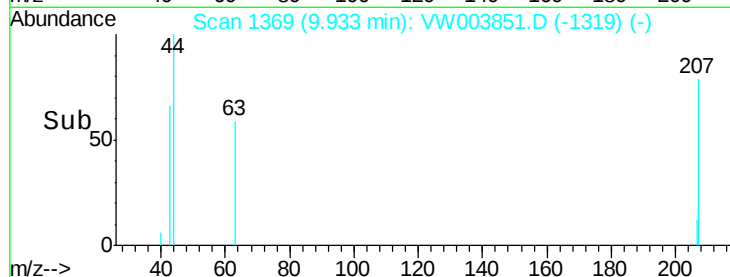
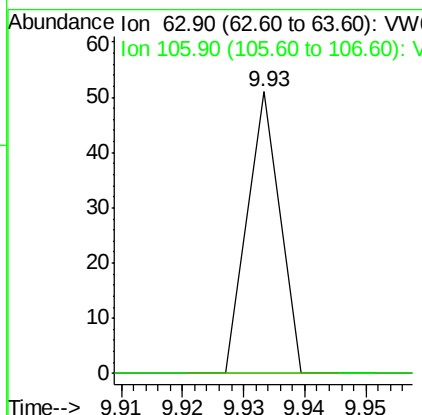
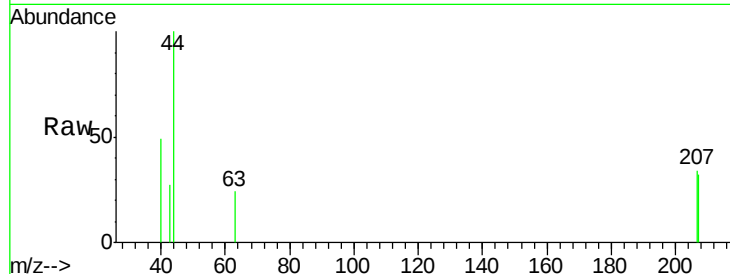




#58
 2-Chloroethyl Vinyl ether
 Concen: 13.188 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: VW003851.D
 Acq: 11 Jul 2018 04:12

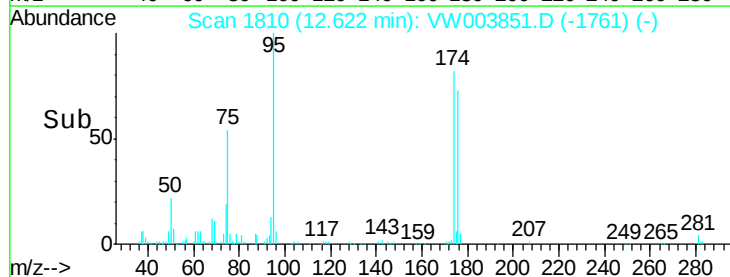
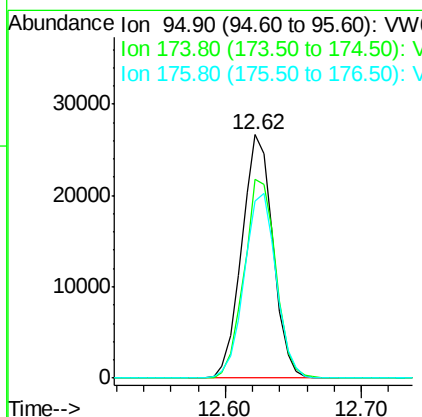
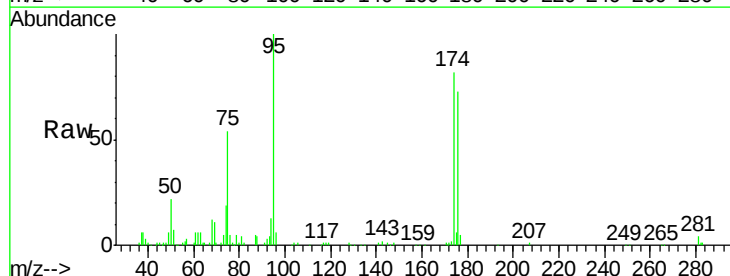
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-24

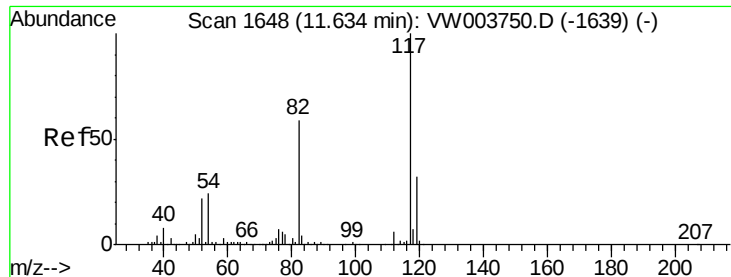
Tot Ion: 63 Resp: 19
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.9 31.3#



#62
 4-Bromofluorobenzene
 Concen: 18.548 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW003851.D
 Acq: 11 Jul 2018 04:12

Tgt Ion: 95 Resp: 42528
 Ion Ratio Lower Upper
 95 100
 174 83.5 0.0 163.4
 176 78.1 0.0 156.8

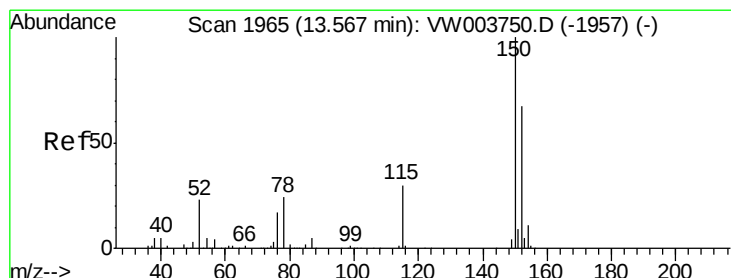
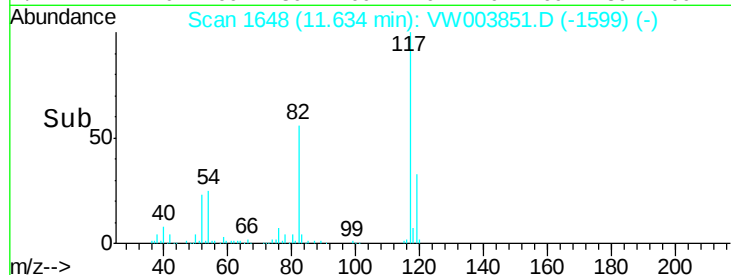
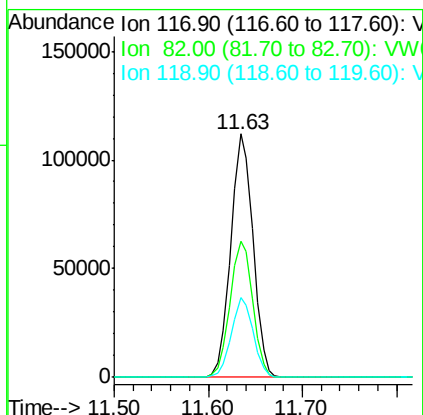
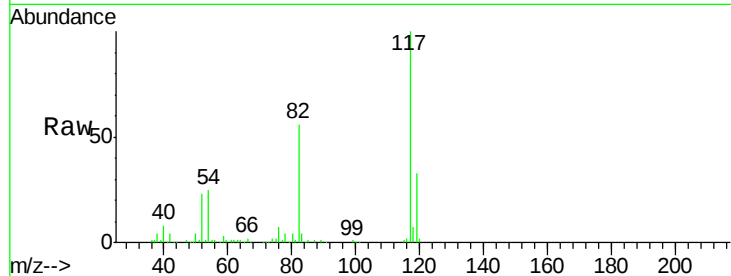




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003851.D
Acq: 11 Jul 2018 04:12

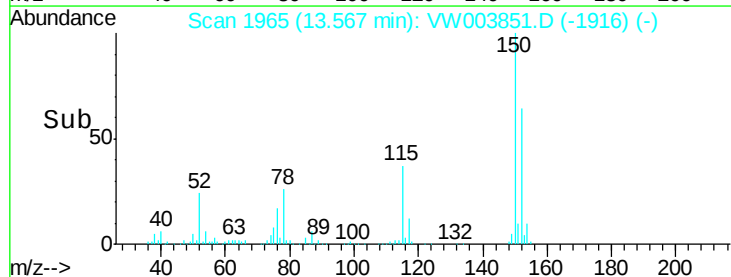
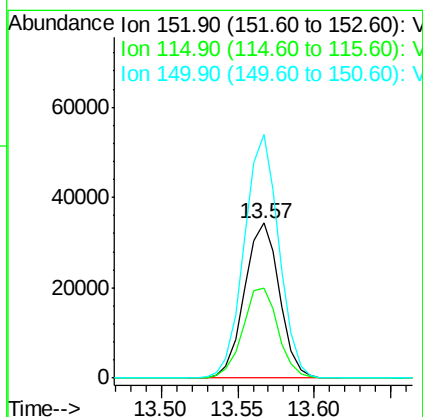
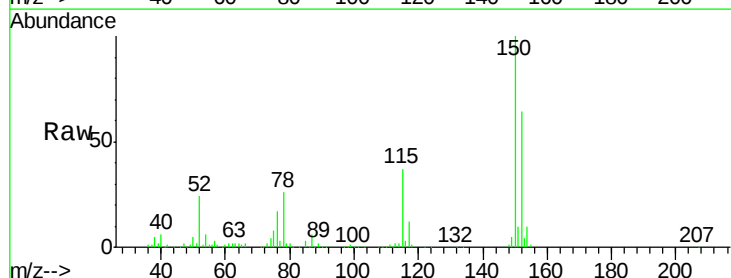
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-24

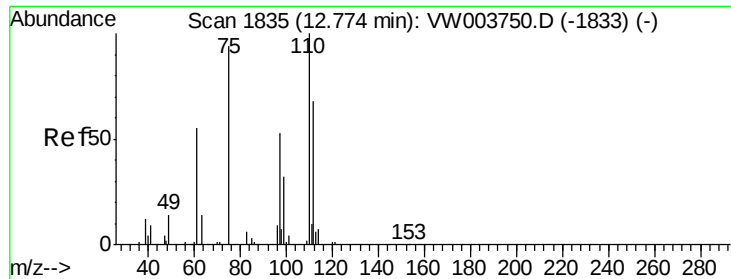
Tot Ion:117 Resp: 183749
Ion Ratio Lower Upper
117 100
82 56.0 46.9 70.3
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003851.D
Acq: 11 Jul 2018 04:12

Tgt Ion:152 Resp: 54288
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.8
150 156.2 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 43.551 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003851.D

Acq: 11 Jul 2018 04:12

Instrument :

MSVOA_W

ClientSampleId :

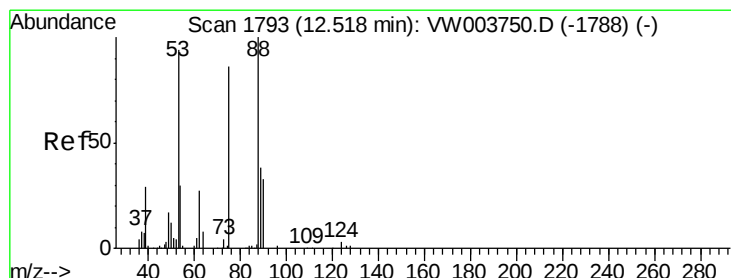
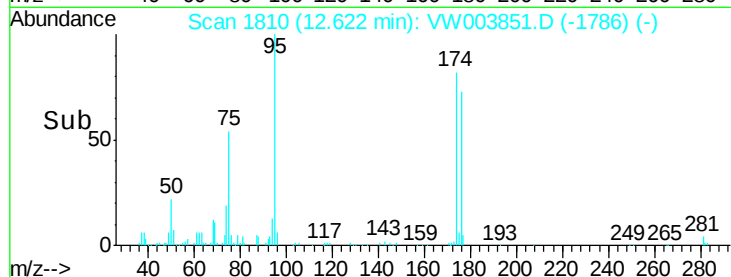
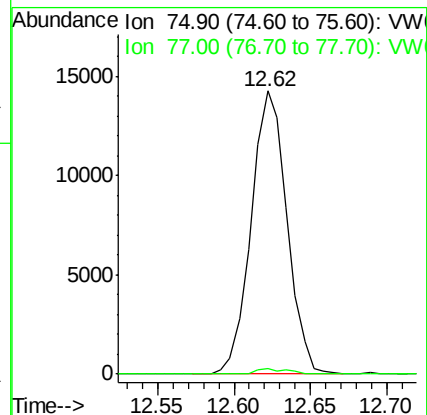
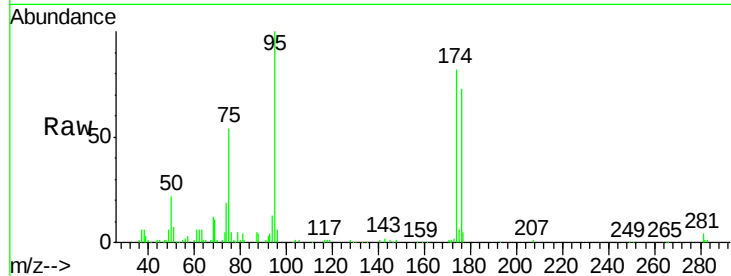
SURCHARGE-SP-24

Tot Ion: 75 Resp: 23217

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.536 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003851.D

Acq: 11 Jul 2018 04:12

Tgt Ion: 75 Resp: 23217

Ion Ratio Lower Upper

75 100

53 0.1 85.0 127.6#

89 0.0 36.3 54.5#

