

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003849.D
 Acq On : 11 Jul 2018 03:20
 Operator : SY/AP
 Sample : J3881-04
 Misc : 5.44G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-22

Quant Time: Jul 11 04:47:09 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	143355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	242253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60581	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	61521	32.82	ug/l	0.00
Spiked Amount			Recovery	=	65.64%	
35) Dibromofluoromethane	7.88	113	54897	32.38	ug/l	0.00
Spiked Amount			Recovery	=	64.76%	
50) Toluene-d8	10.33	98	159506	24.59	ug/l	0.00
Spiked Amount			Recovery	=	49.18%	
62) 4-Bromofluorobenzene	12.62	95	43015	18.33	ug/l	0.00
Spiked Amount			Recovery	=	36.66%	

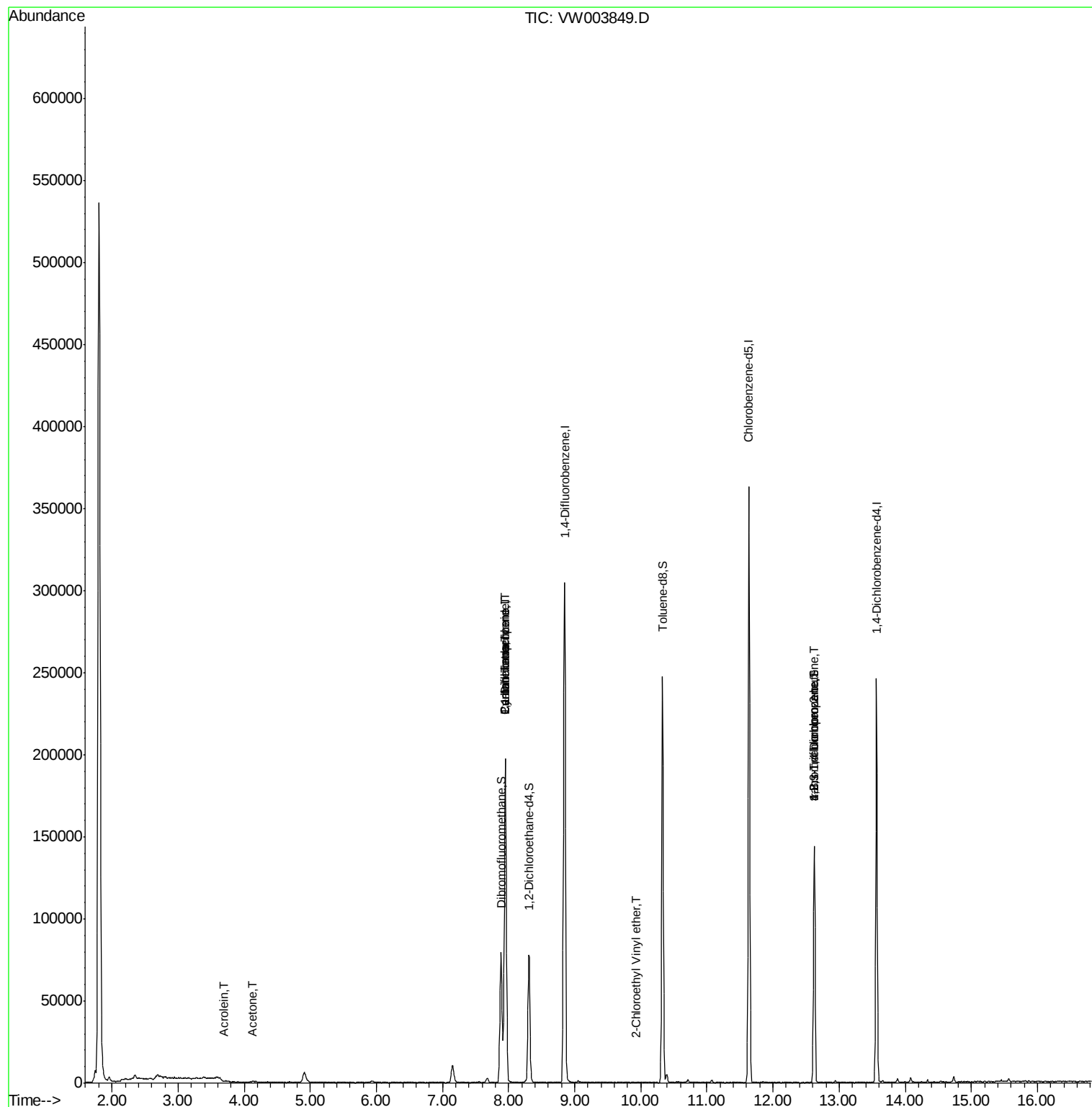
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.70	56	19	4.853	ug/l #	14
16) Acetone	4.13	43	1415	4.350	ug/l	97
20) Methylene Chloride	4.92	84	4850	Below Cal		84
31) Cyclohexane	7.95	56	3837	1.403	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	12543	4.880	ug/l #	51
38) Carbon Tetrachloride	7.95	117	14828	6.067	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	19	13.188	ug/l #	49
76) 1,2,3-Trichloropropane	12.62	75	22865	38.435	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22865	94.022	ug/l #	7

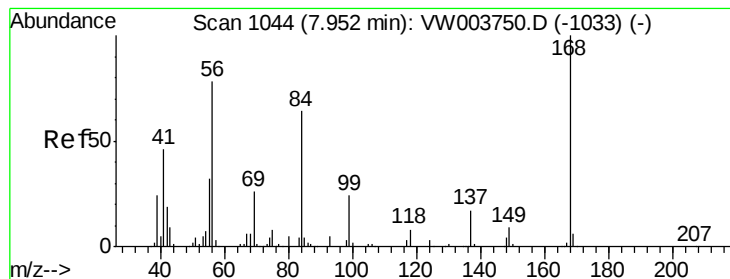
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003849.D

Acq: 11 Jul 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

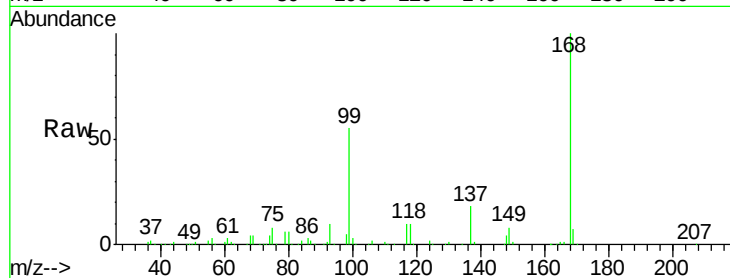
SURCHARGE-SP-22

Tot Ion:168 Resp: 143355

Ion Ratio Lower Upper

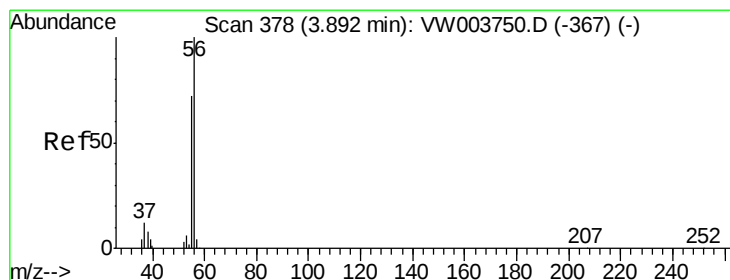
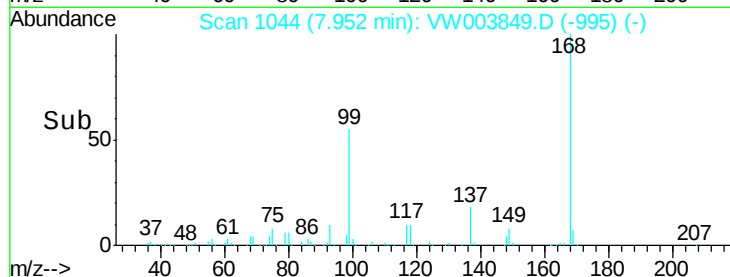
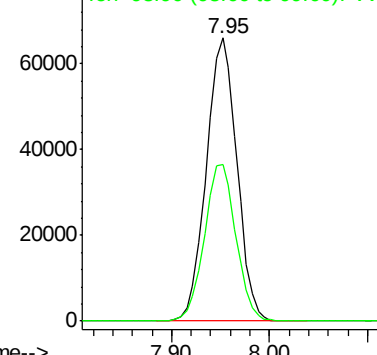
168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 4.853 ug/l

RT: 3.70 min Scan# 346

Delta R.T. -0.19 min

Lab File: VW003849.D

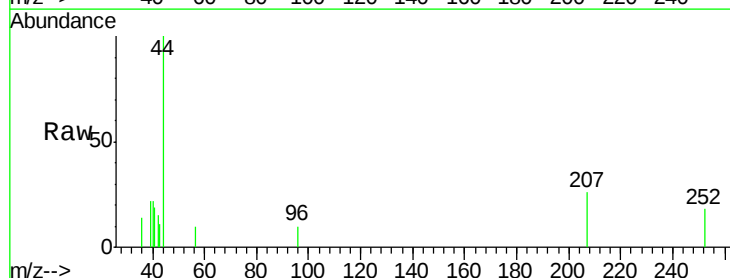
Acq: 11 Jul 2018 03:20

Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

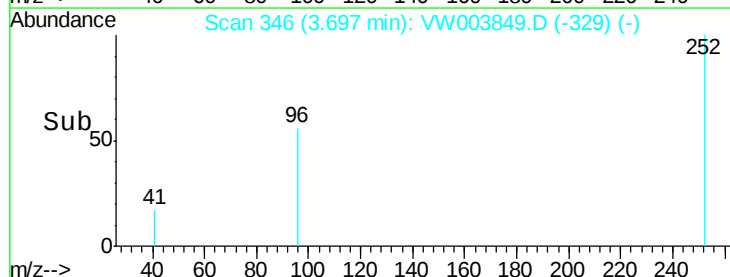
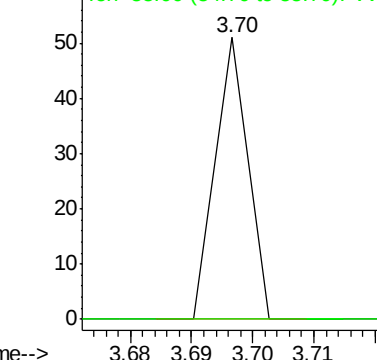
56 100

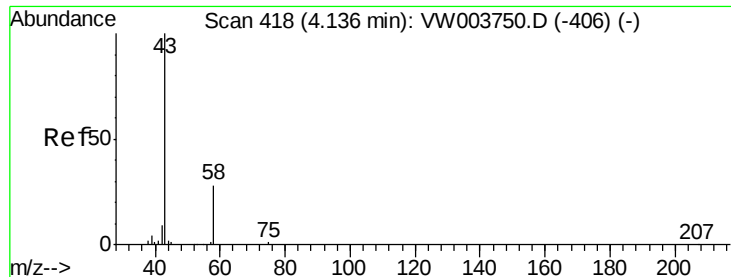
55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 4.350 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW003849.D

Acq: 11 Jul 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

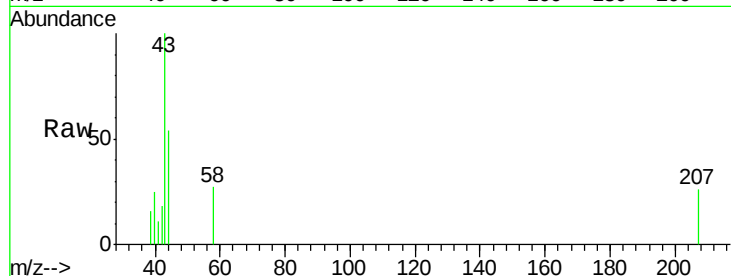
SURCHARGE-SP-22

Tot Ion: 43 Resp: 1415

Ion Ratio Lower Upper

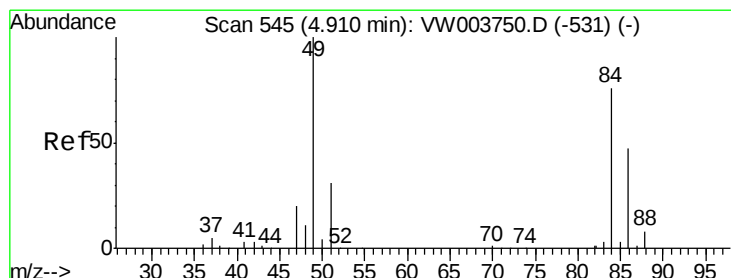
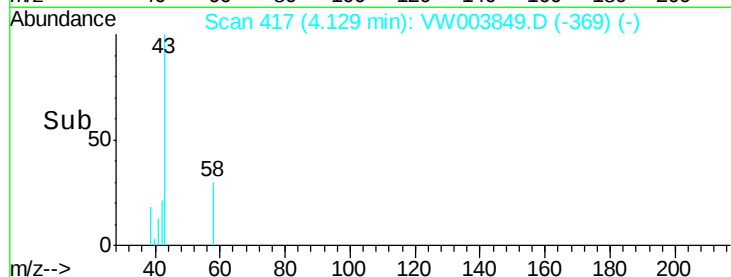
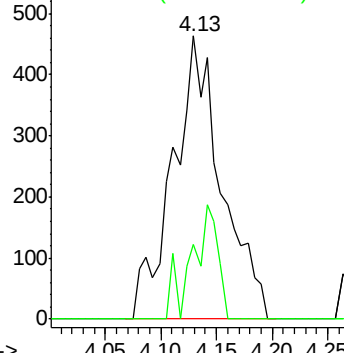
43 100

58 26.6 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: 4.92 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW003849.D

Acq: 11 Jul 2018 03:20

Tgt Ion: 84 Resp: 4850

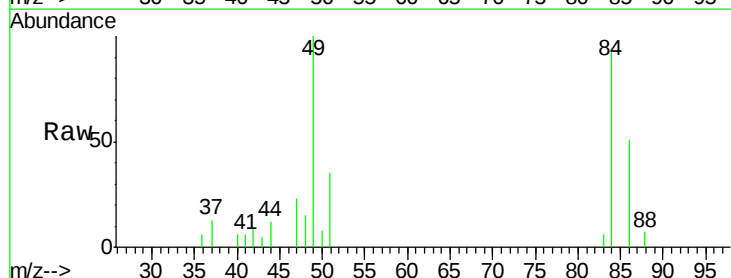
Ion Ratio Lower Upper

84 100

49 106.4 105.1 157.7

51 37.2 32.5 48.7

86 54.4 49.8 74.6

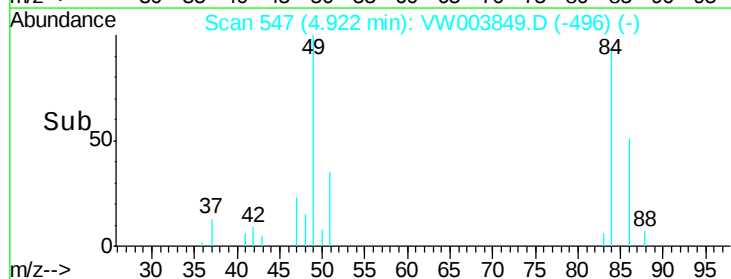
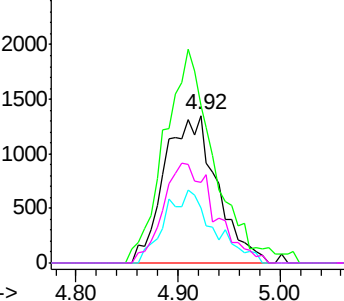


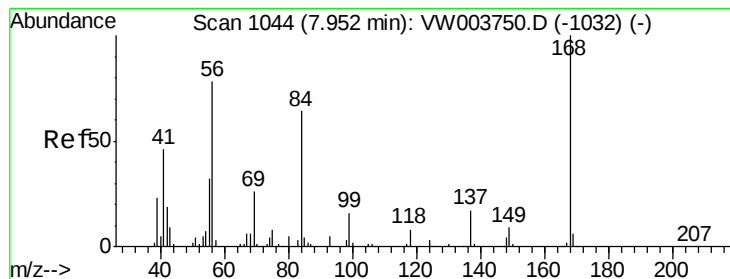
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.403 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003849.D

Acq: 11 Jul 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-22

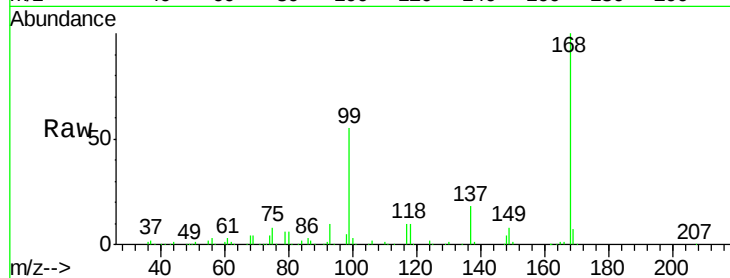
Tot Ion: 56 Resp: 3837

Ion Ratio Lower Upper

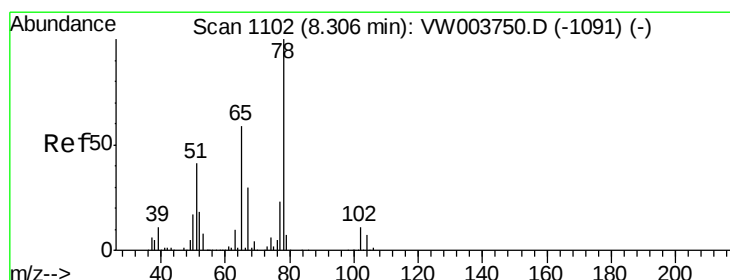
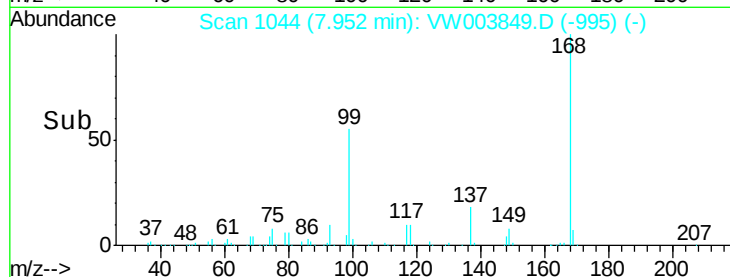
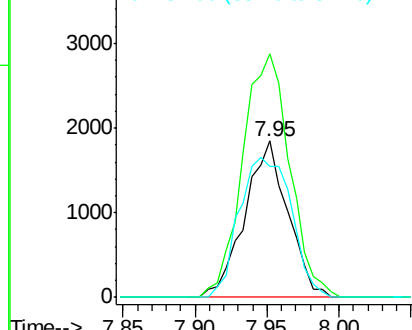
56 100

69 155.5 26.2 39.4#

84 83.3 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: 32.817 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003849.D

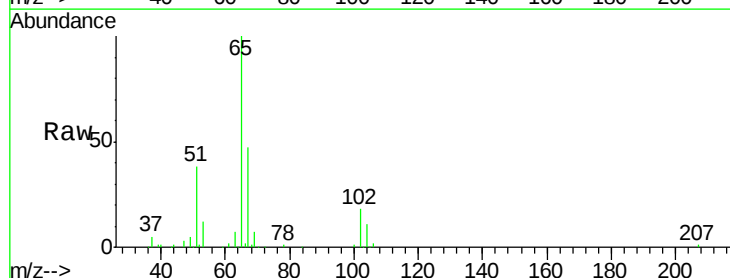
Acq: 11 Jul 2018 03:20

Tgt Ion: 65 Resp: 61521

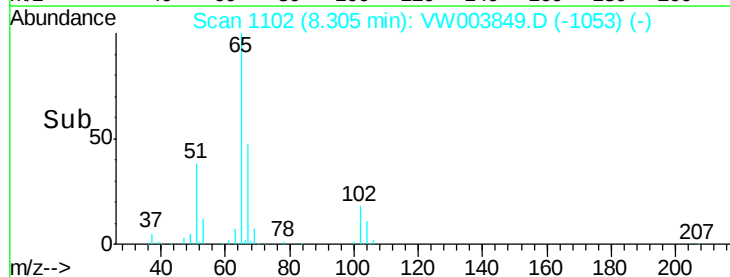
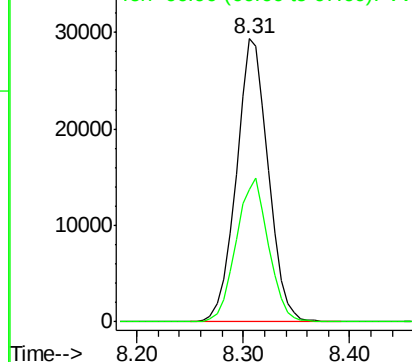
Ion Ratio Lower Upper

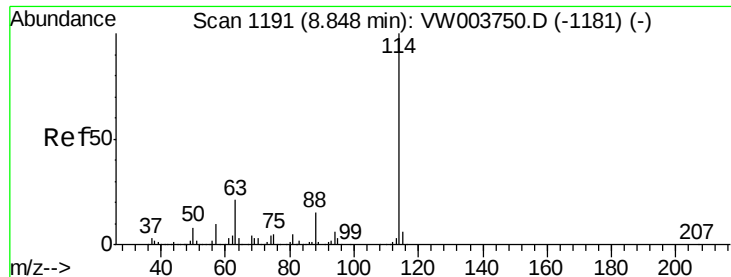
65 100

67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003849.D

Acq: 11 Jul 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-22

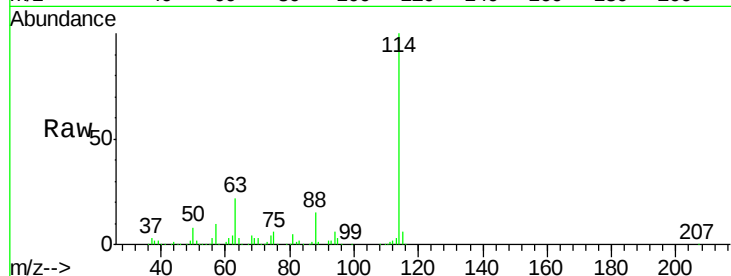
Tot Ion:114 Resp: 242253

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

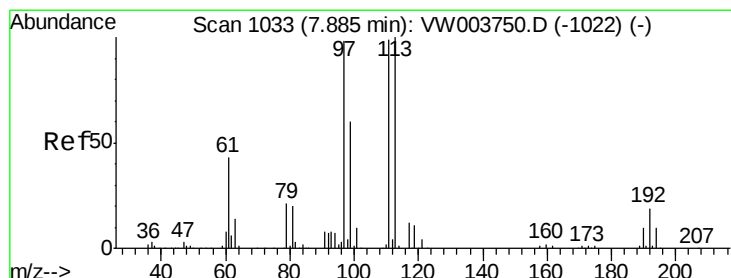
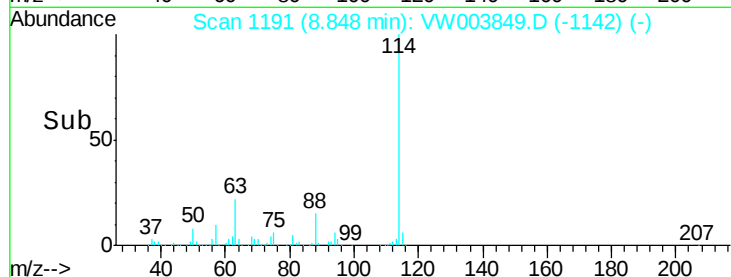
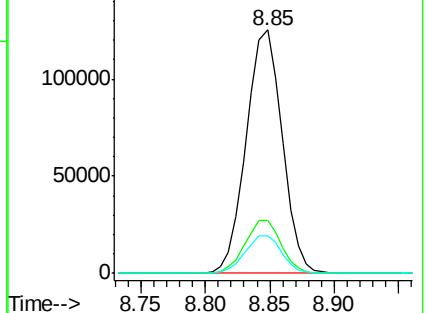
88 15.4 0.0 30.2



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: 32.378 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003849.D

Acq: 11 Jul 2018 03:20

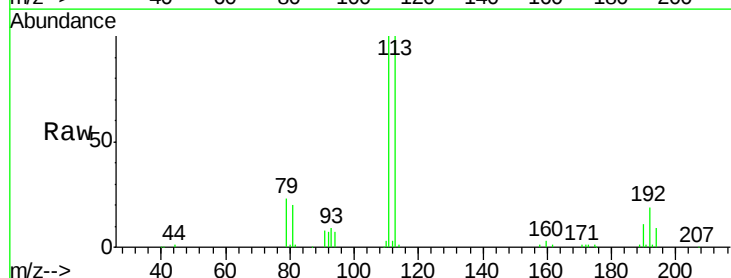
Tgt Ion:113 Resp: 54897

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

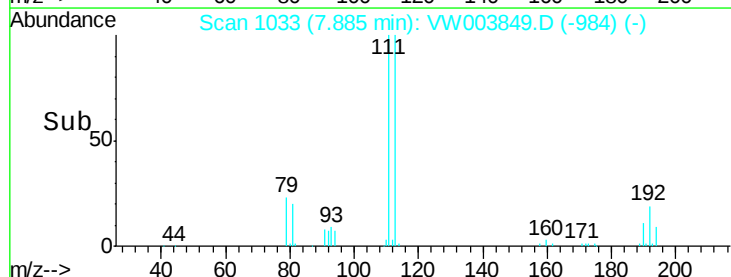
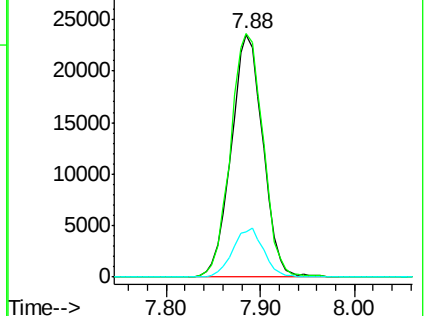
192 19.5 15.8 23.8

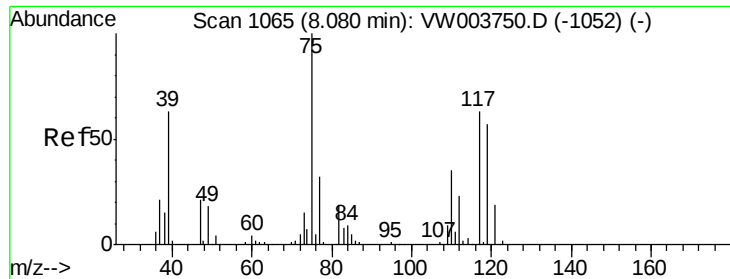


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

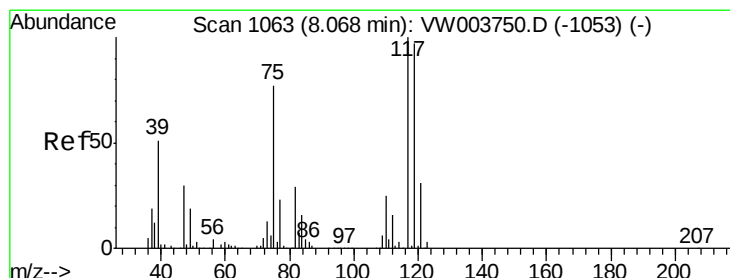
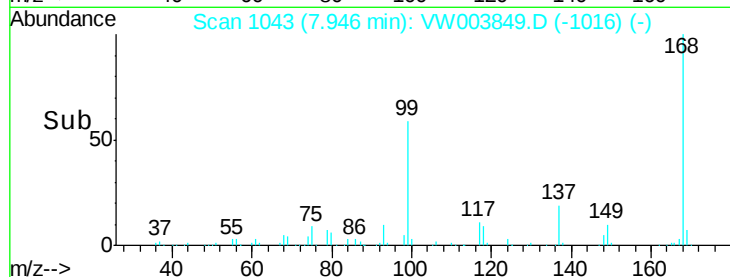
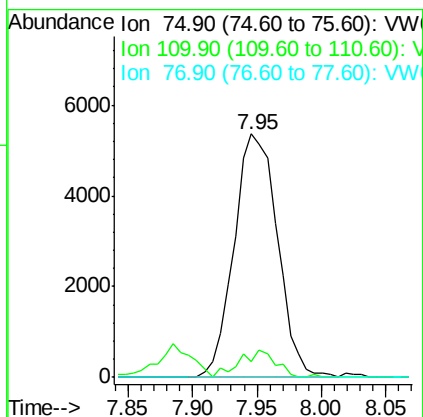
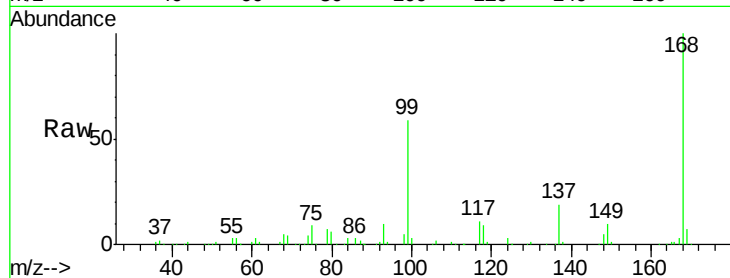




#36
 1,1-Dichloropropene
 Concen: 4.880 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW003849.D
 Acq: 11 Jul 2018 03:20

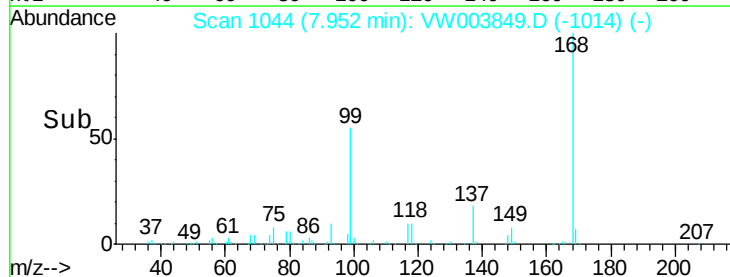
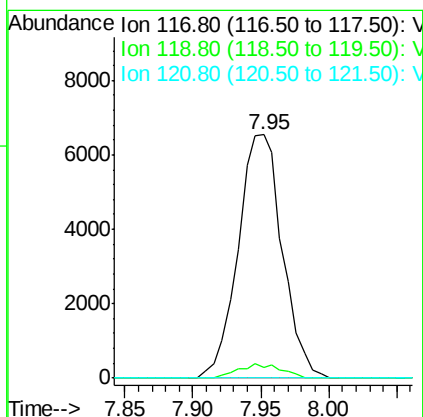
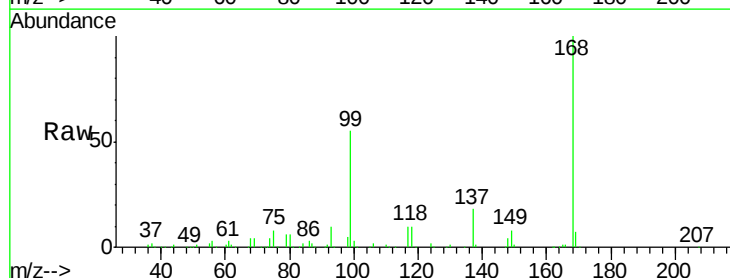
Instrument :
 MSVOA_W
 ClientSampleId :
 SURCHARGE-SP-22

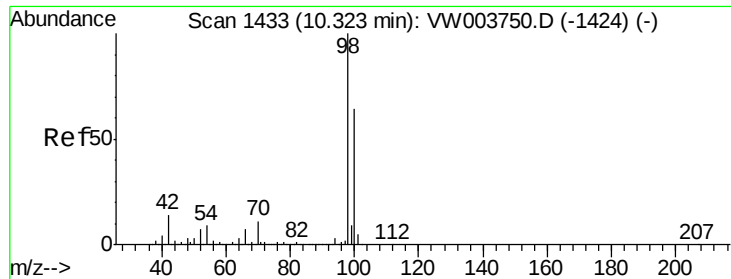
Tot Ion: 75 Resp: 12543
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.9 50.6#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.067 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003849.D
 Acq: 11 Jul 2018 03:20

Tgt Ion: 117 Resp: 14828
 Ion Ratio Lower Upper
 117 100
 119 4.4 77.4 116.2#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 24.594 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003849.D

Acq: 11 Jul 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

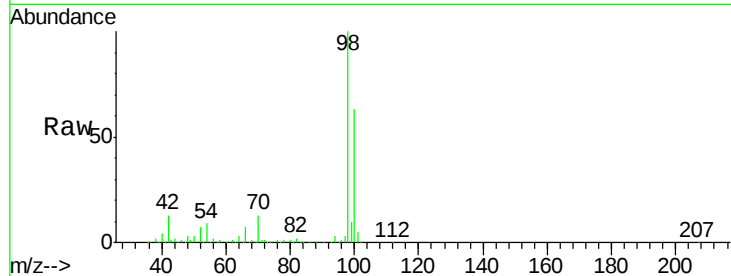
SURCHARGE-SP-22

Tot Ion: 98 Resp: 159506

Ion Ratio Lower Upper

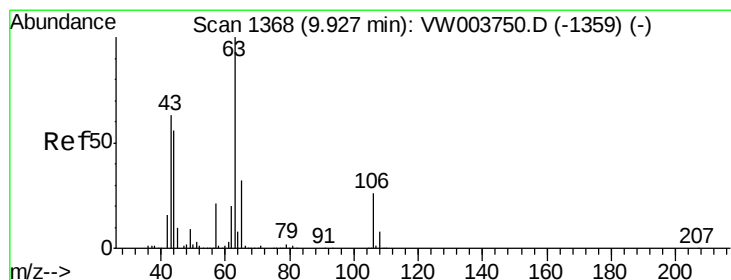
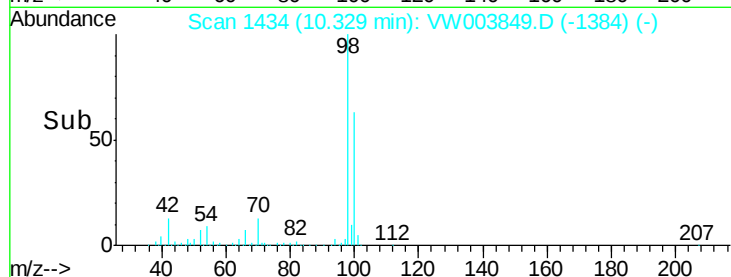
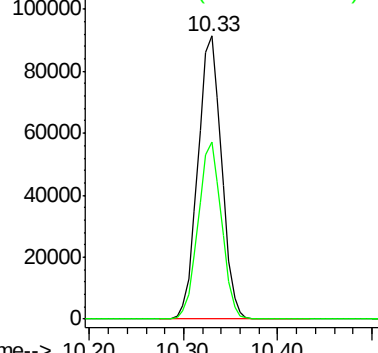
98 100

100 61.6 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# 1368

Delta R.T. 0.00 min

Lab File: VW003849.D

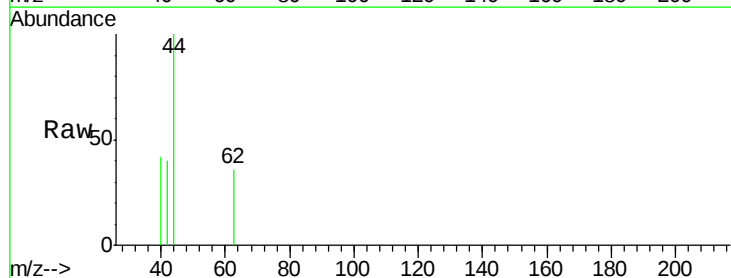
Acq: 11 Jul 2018 03:20

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

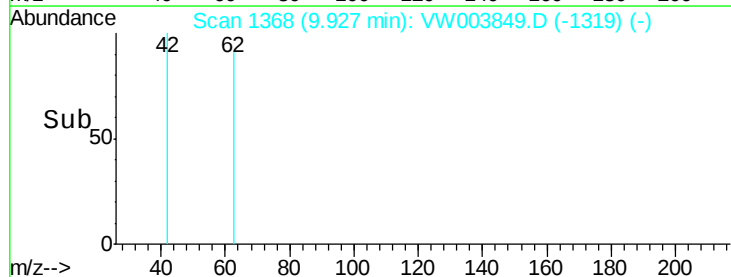
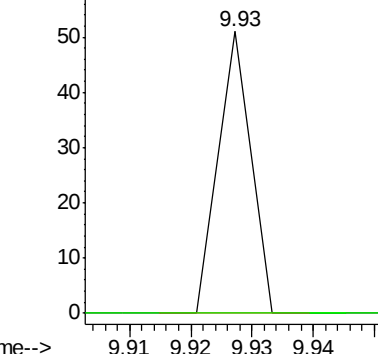
63 100

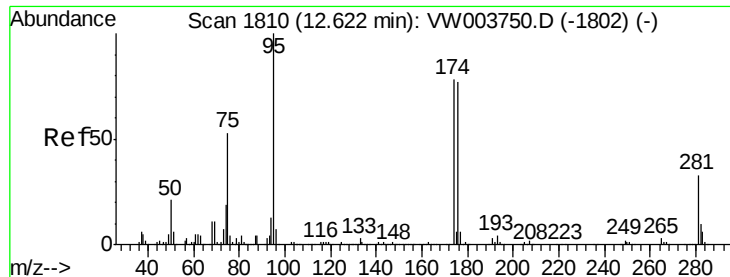
106 0.0 20.9 31.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): VW

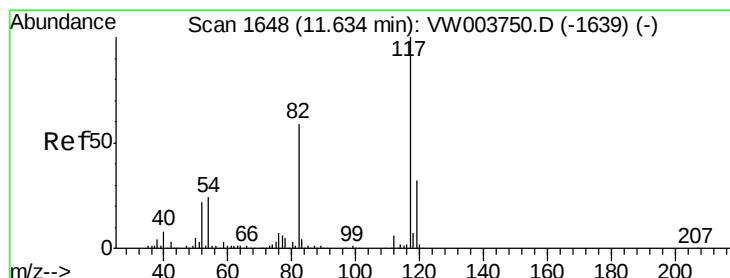
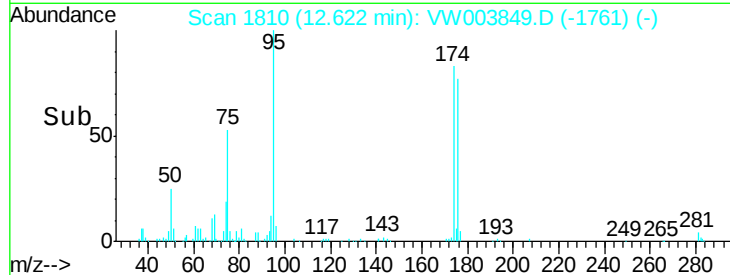
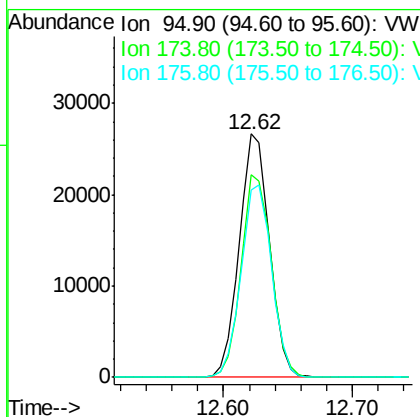
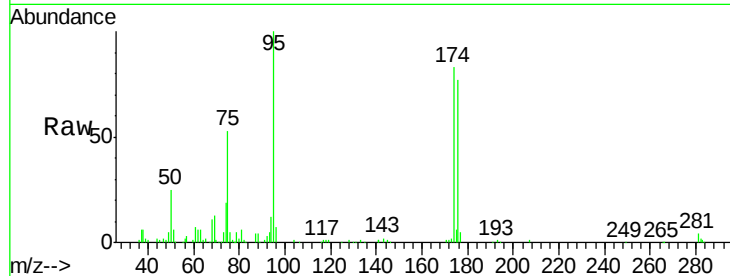




#62
4-Bromofluorobenzene
Concen: 18.331 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003849.D
Acq: 11 Jul 2018 03:20

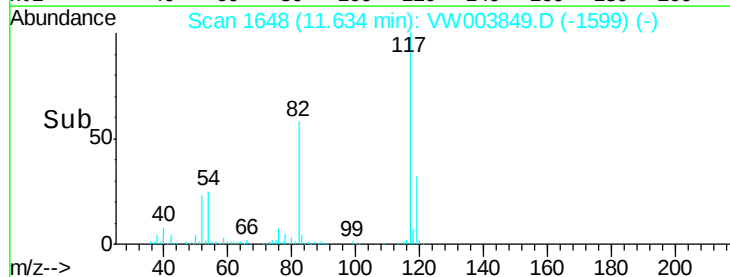
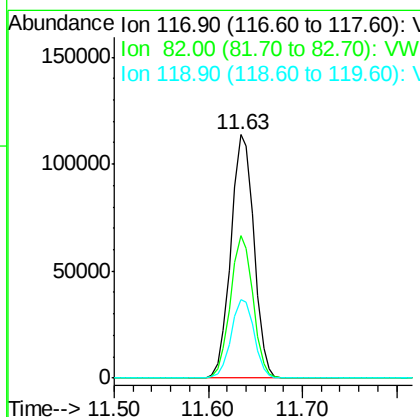
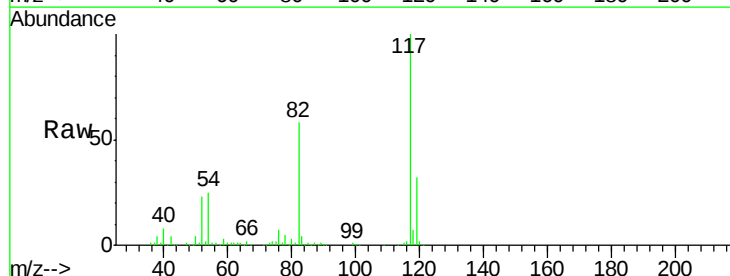
Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-22

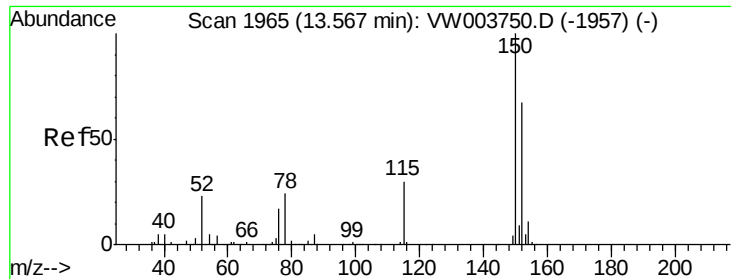
Tot Ion: 95 Resp: 43015
Ion Ratio Lower Upper
95 100
174 83.3 0.0 163.4
176 80.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003849.D
Acq: 11 Jul 2018 03:20

Tgt Ion: 117 Resp: 193387
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 32.0 25.5 38.3



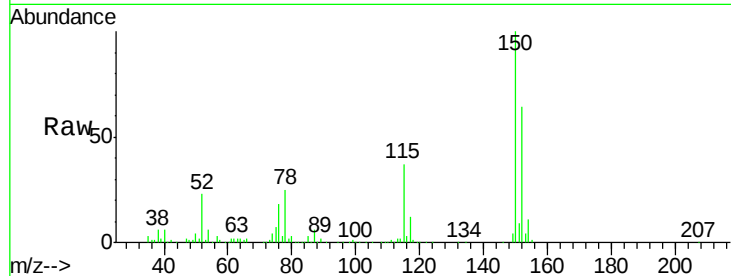


#72

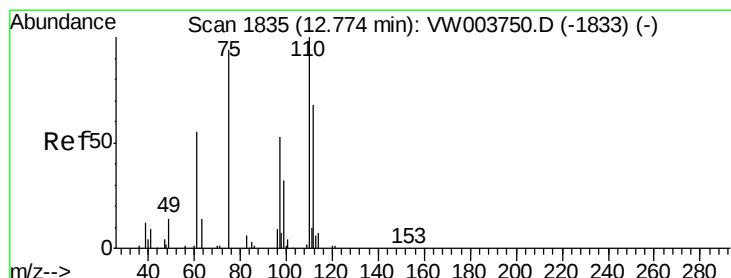
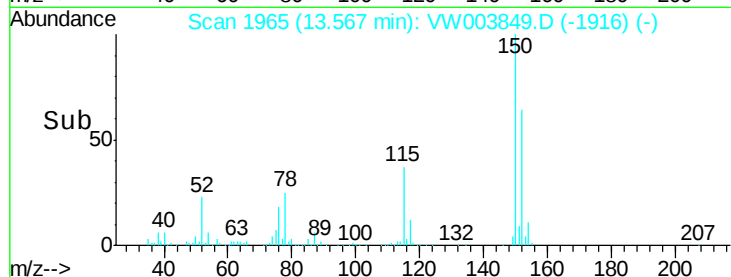
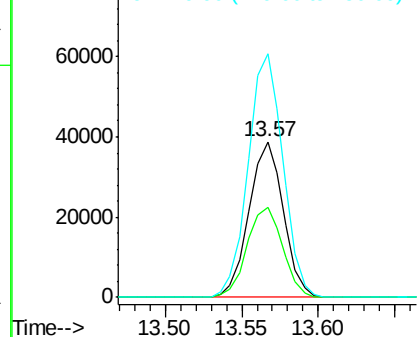
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003849.D
Acq: 11 Jul 2018 03:20

Instrument :
MSVOA_W
ClientSampleId :
SURCHARGE-SP-22

Tot Ion:152 Resp: 60581
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 158.5 0.0 342.4



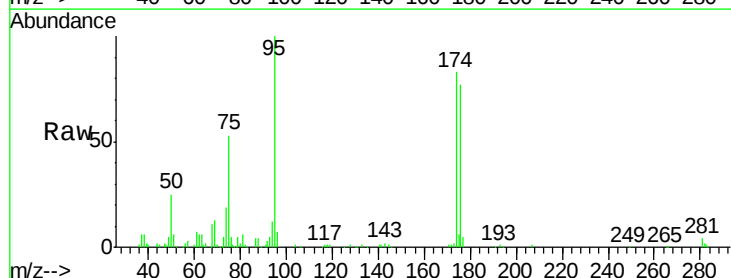
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



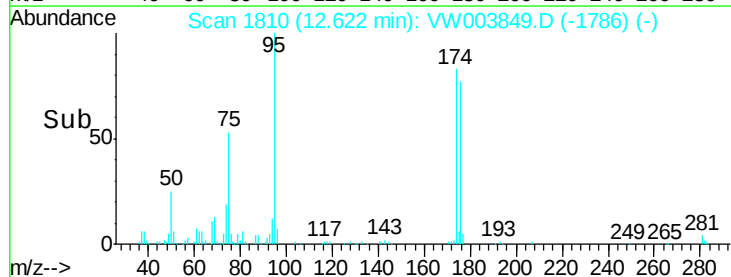
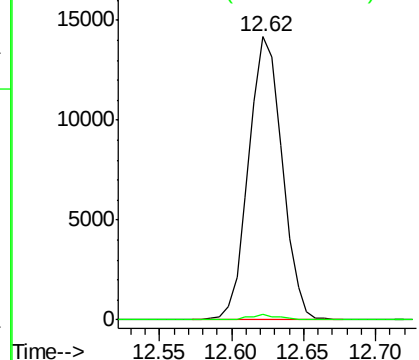
#76

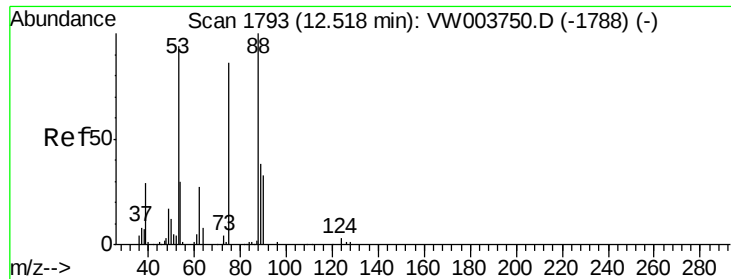
1,2,3-Trichloropropane
Concen: 38.435 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003849.D
Acq: 11 Jul 2018 03:20

Tgt Ion: 75 Resp: 22865
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 94.022 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003849.D

Acq: 11 Jul 2018 03:20

Instrument :

MSVOA_W

ClientSampleId :

SURCHARGE-SP-22

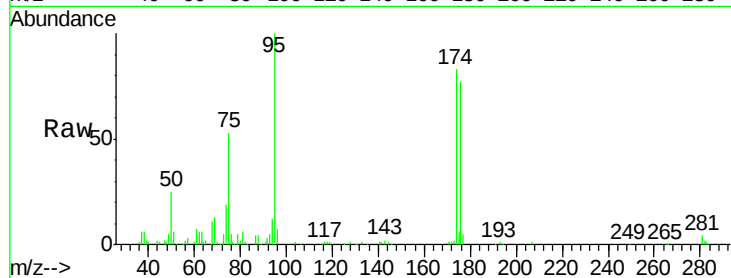
Tot Ion: 75 Resp: 22865

Ion Ratio Lower Upper

75 100

53 0.0 85.0 127.6#

89 0.2 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

