

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006690.D
 Acq On : 06 Nov 2018 16:59
 Operator : SY/AP
 Sample : J5769-10
 Misc : 6.05G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOD-AREA-1

Quant Time: Nov 06 17:39:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	372483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	101283	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	108115	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.88	113	113193	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	10.33	98	385848	43.36	ug/l	0.00
Spiked Amount			Recovery	=	86.72%	
62) 4-Bromofluorobenzene	12.62	95	98269	30.46	ug/l	0.00
Spiked Amount			Recovery	=	60.92%	

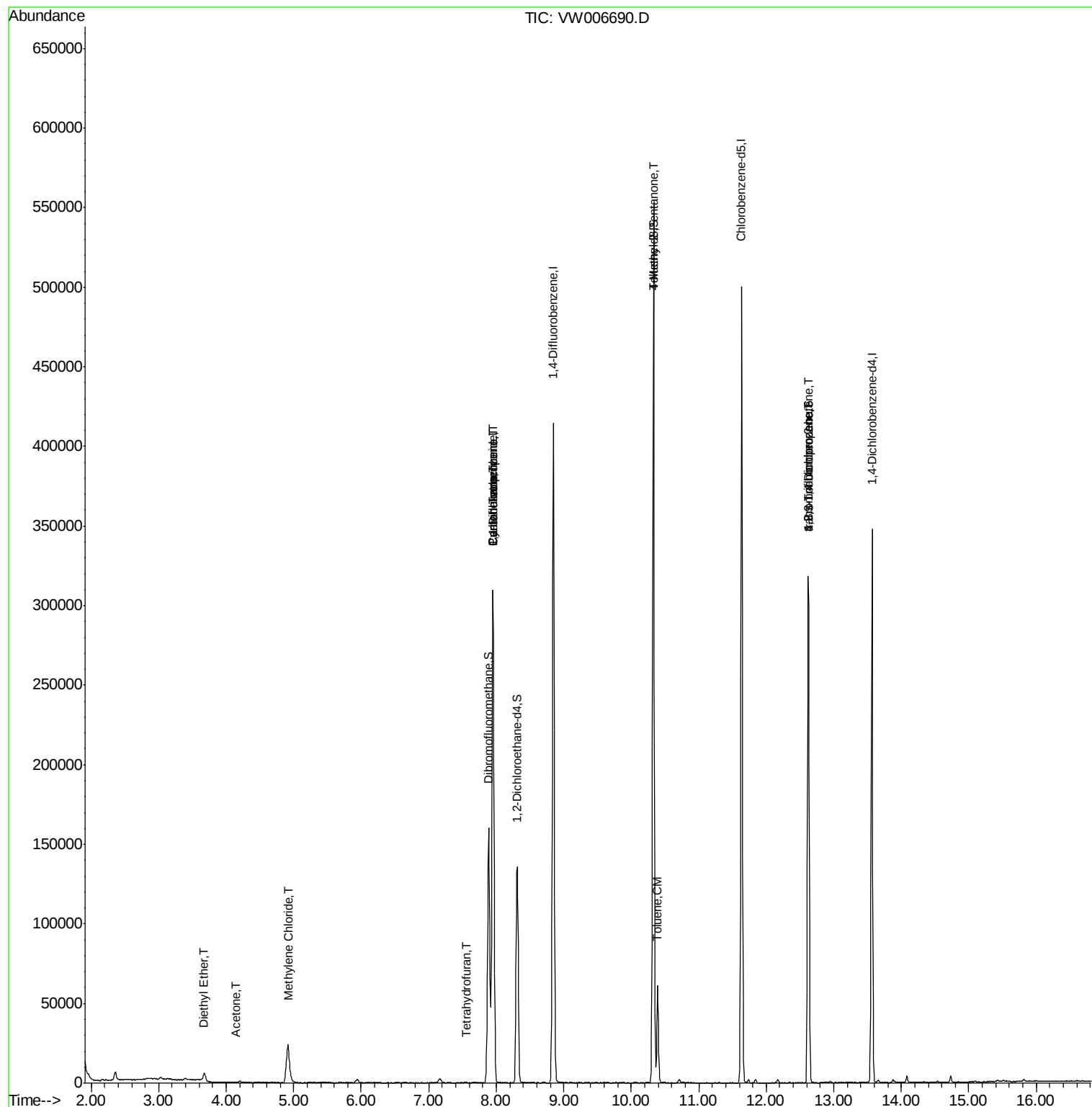
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2943	2.681	ug/l #	51
16) Acetone	4.14	43	951	2.699	ug/l #	42
20) Methylene Chloride	4.92	84	20916	3.617	ug/l	96
29) Tetrahydrofuran	7.55	42	449	1.420	ug/l #	67
31) Cyclohexane	7.95	56	4009	1.153	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	15727	4.801	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21776	6.362	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1395	1.199	ug/l #	1
52) Toluene	10.39	92	25917	4.153	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	48429	61.284	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48429	152.923	ug/l #	11

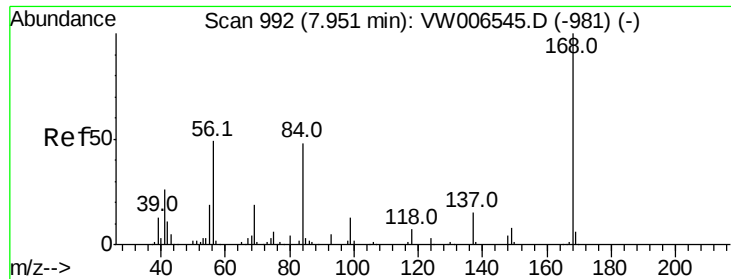
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110618\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Instrument :

MSVOA_W

ClientSampleId :

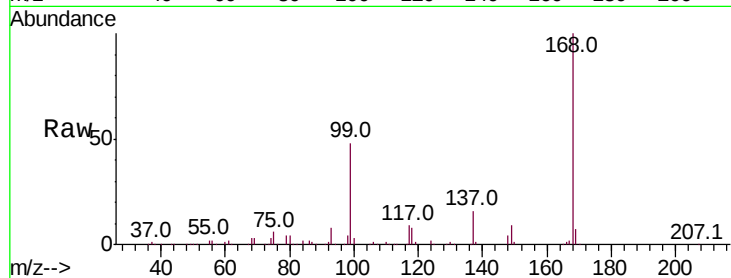
FLOOD-AREA-1

Tot Ion:168 Resp: 253932

Ion Ratio Lower Upper

168 100

99 48.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

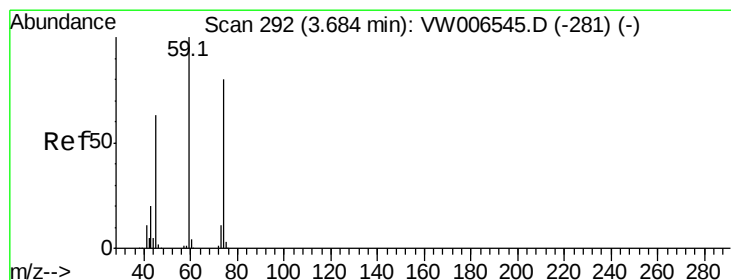
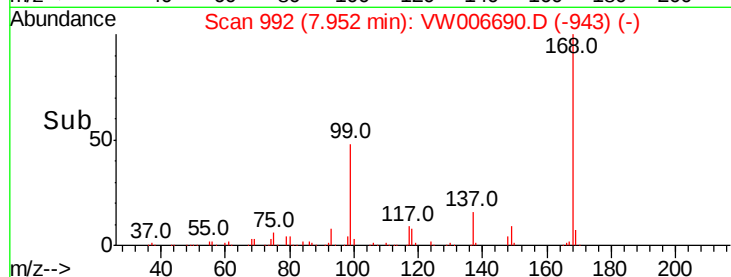
7.95

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.681 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006690.D

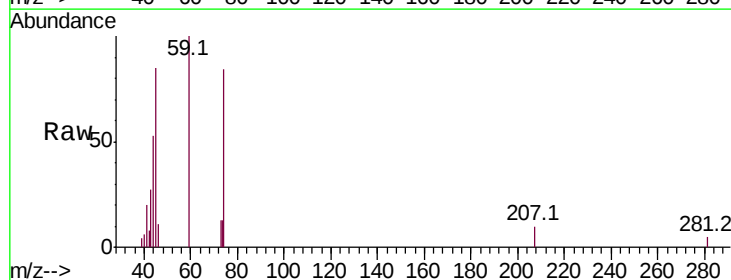
Acq: 06 Nov 2018 16:59

Tgt Ion: 74 Resp: 2943

Ion Ratio Lower Upper

74 100

45 126.0 41.1 123.4#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

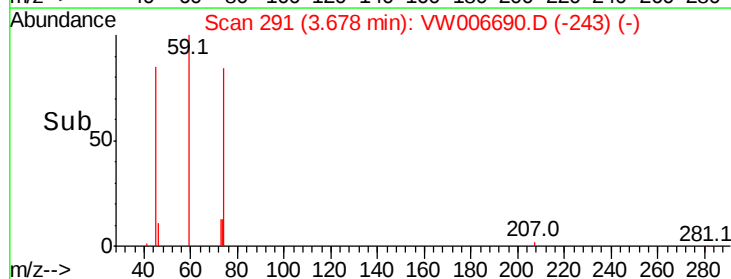
3.68

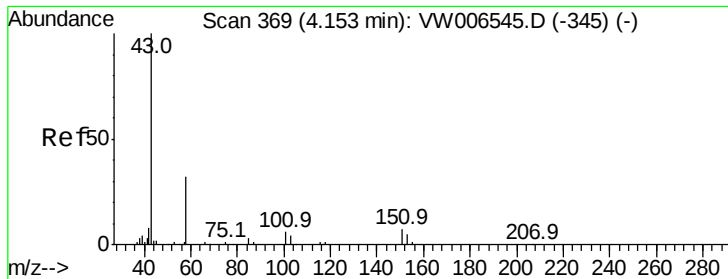
1000

500

0

Time-->





#16

Acetone

Concen: 2.699 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Instrument :

MSVOA_W

ClientSampleId :

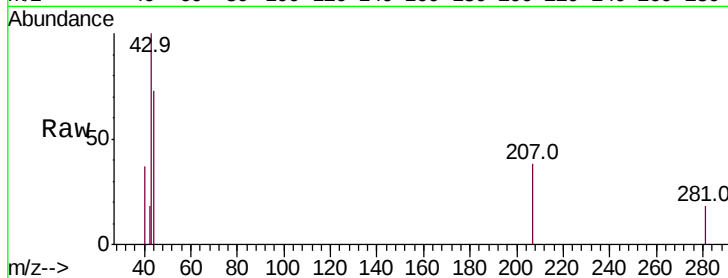
FLOOD-AREA-1

Tot Ion: 43 Resp: 951

Ion Ratio Lower Upper

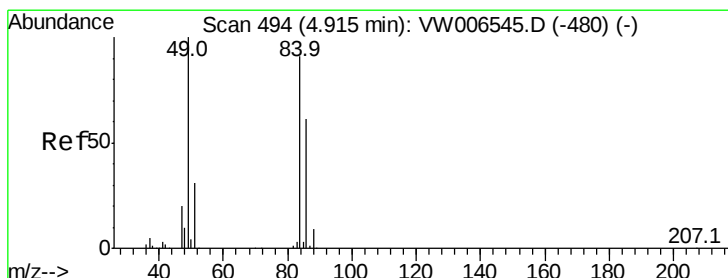
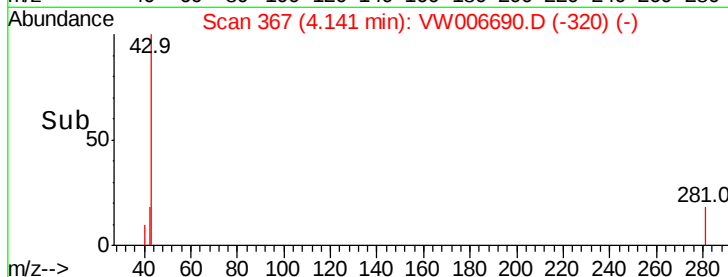
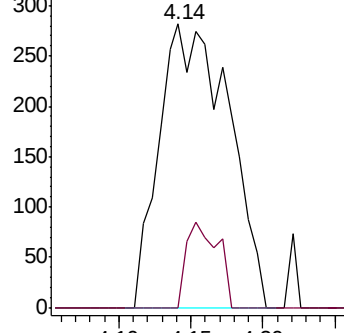
43 100

58 0.0 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.617 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Tgt Ion: 84 Resp: 20916

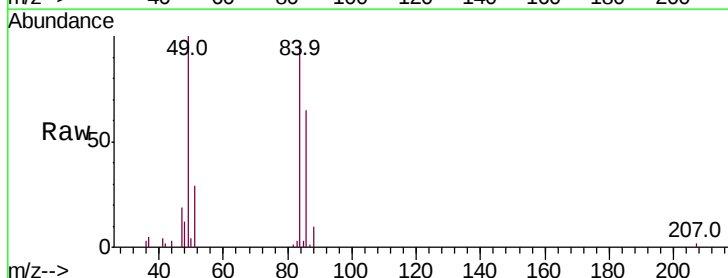
Ion Ratio Lower Upper

84 100

49 105.0 88.2 132.4

51 30.9 27.0 40.6

86 68.7 53.8 80.8

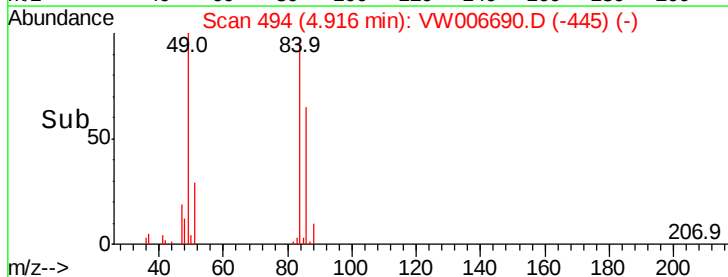
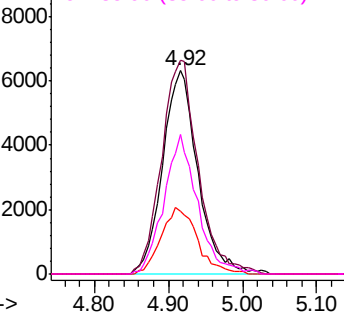


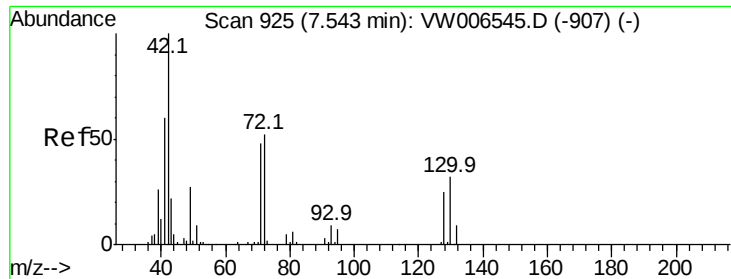
Abundance Ion 83.90 (83.60 to 84.60): VW

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

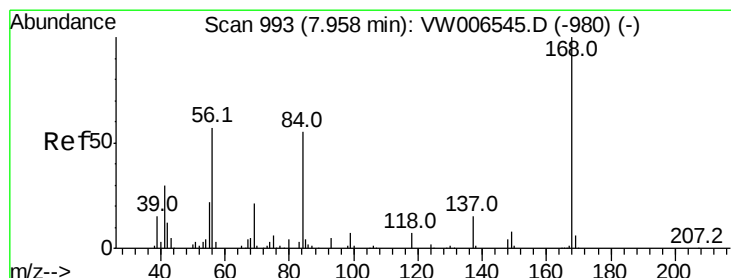
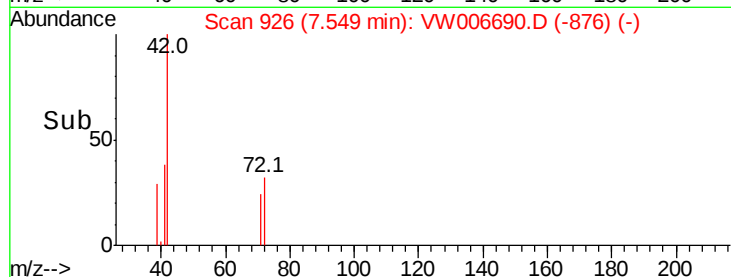
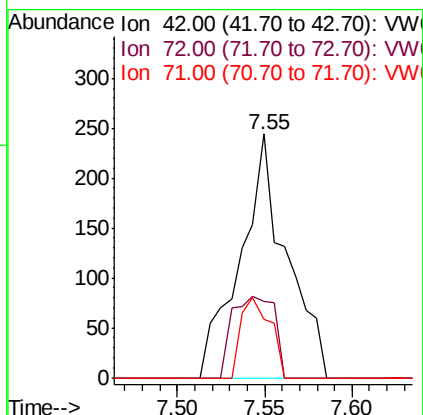
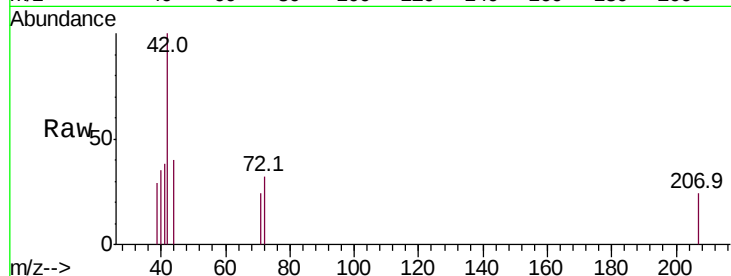




#29
Tetrahydrofuran
Concen: 1.420 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006690.D
Acq: 06 Nov 2018 16:59

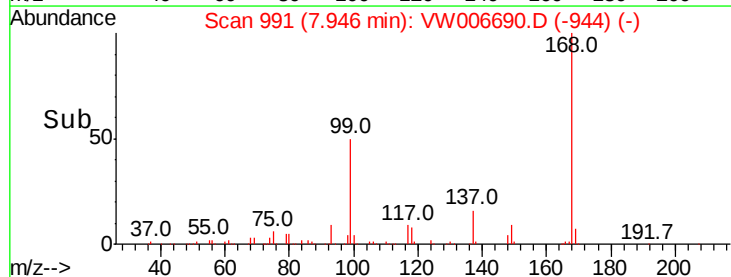
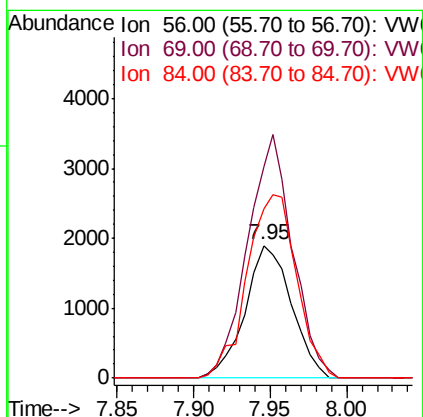
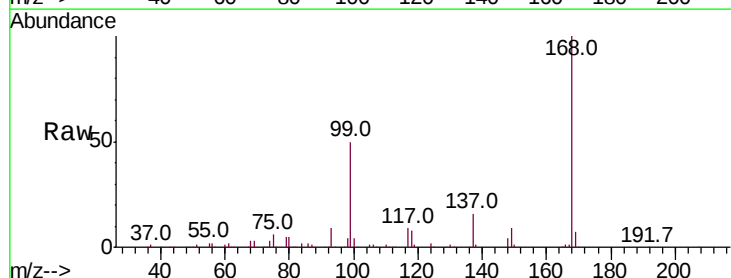
Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-1

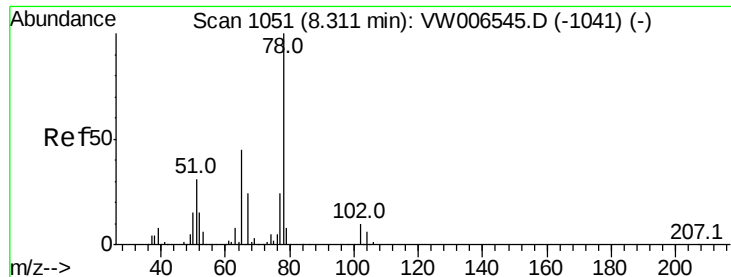
Tot Ion: 42 Resp: 449
Ion Ratio Lower Upper
42 100
72 30.5 39.2 58.8#
71 21.2 37.6 56.4#



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006690.D
Acq: 06 Nov 2018 16:59

Tgt Ion: 56 Resp: 4009
Ion Ratio Lower Upper
56 100
69 159.9 29.0 43.4#
84 127.3 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 49.531 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Instrument :

MSVOA_W

ClientSampleId :

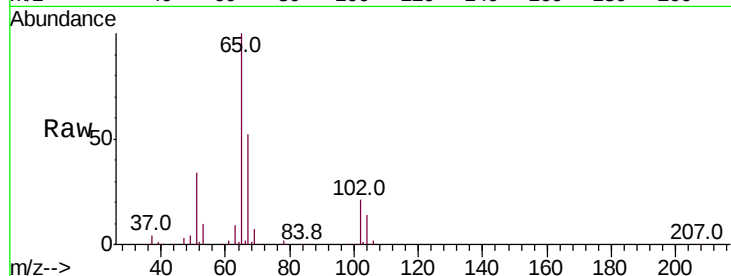
FLOOD-AREA-1

Tot Ion: 65 Resp: 108115

Ion Ratio Lower Upper

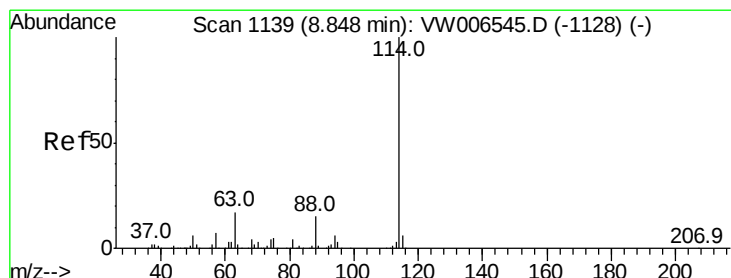
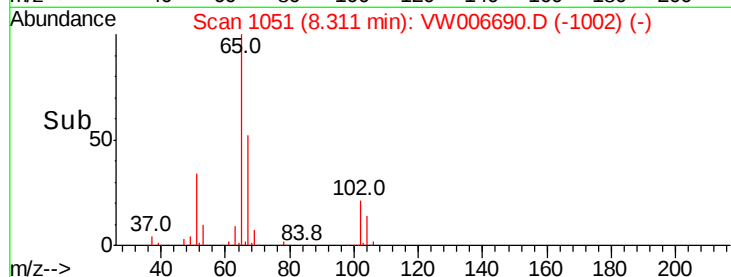
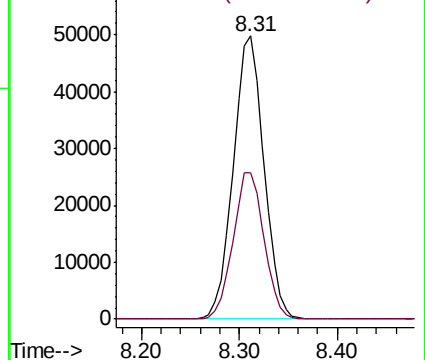
65 100

67 52.3 0.0 104.4



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# 1139

Delta R.T. 0.00 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

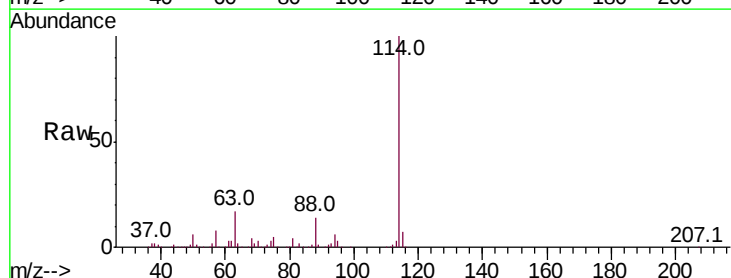
Tgt Ion:114 Resp: 372483

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.4

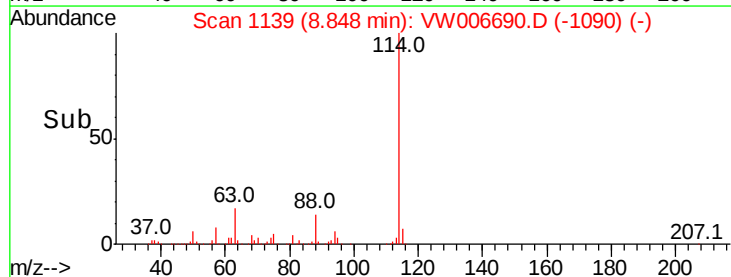
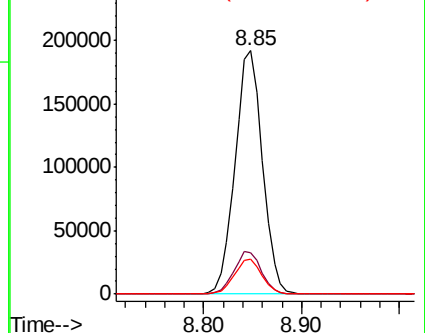
88 14.4 0.0 29.0

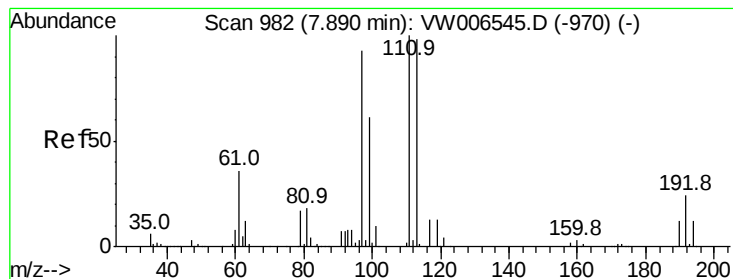


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 48.422 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Instrument :

MSVOA_W

ClientSampleId :

FLOOD-AREA-1

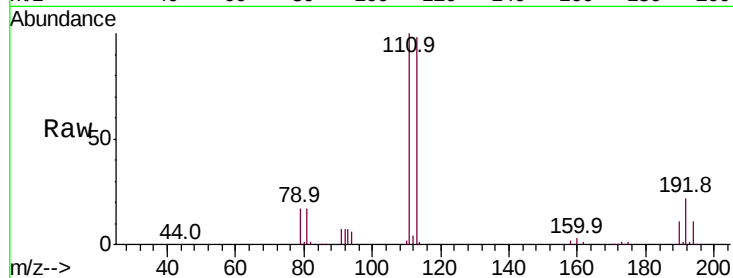
Tot Ion:113 Resp: 113193

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

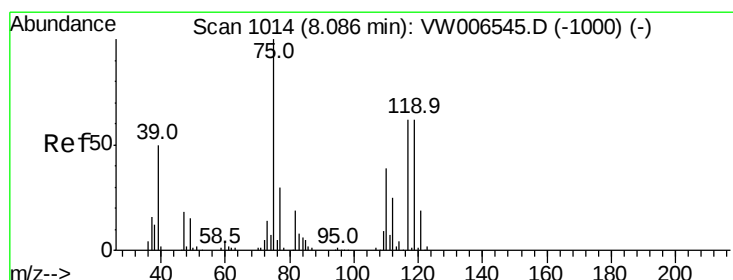
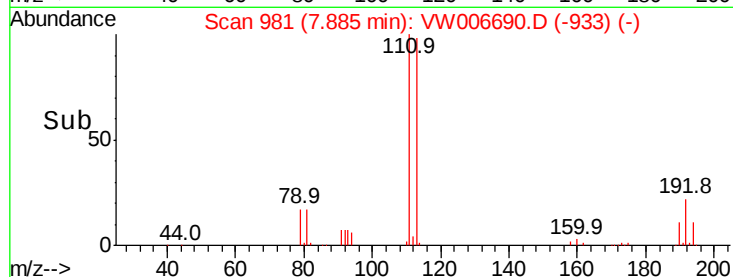
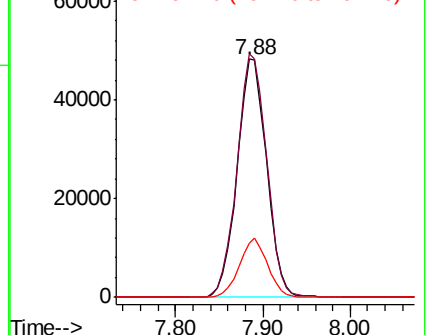
192 23.6 19.0 28.6



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: 4.801 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

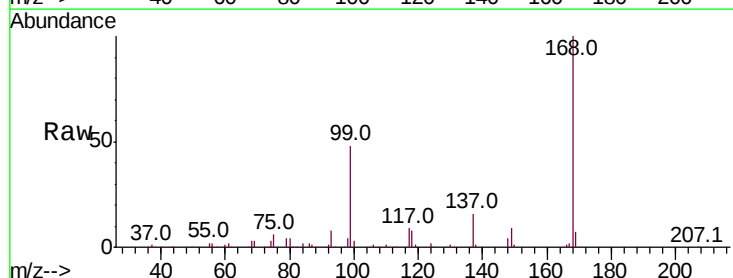
Tgt Ion: 75 Resp: 15727

Ion Ratio Lower Upper

75 100

110 9.8 19.5 58.5#

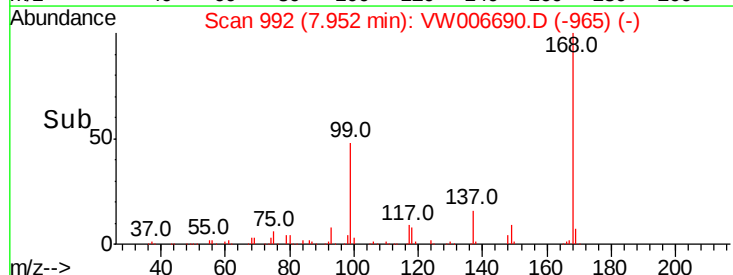
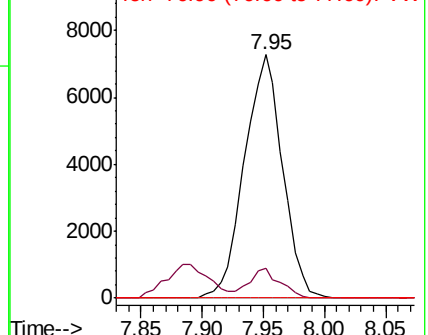
77 0.0 24.6 37.0#

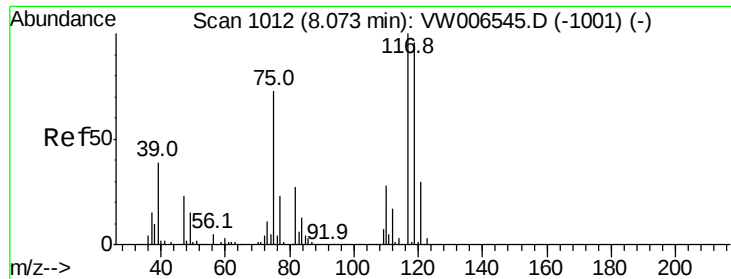


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

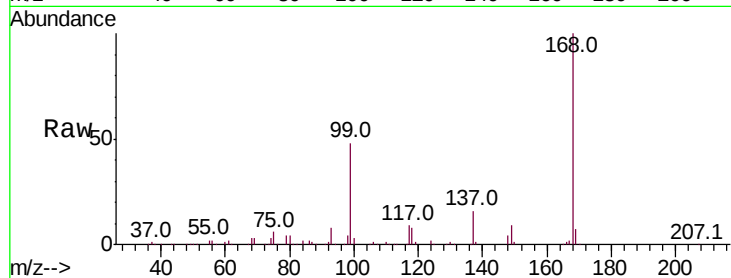




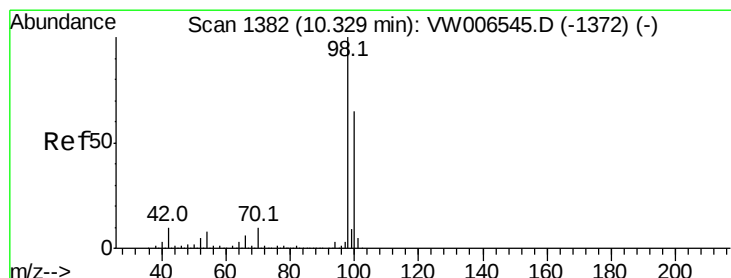
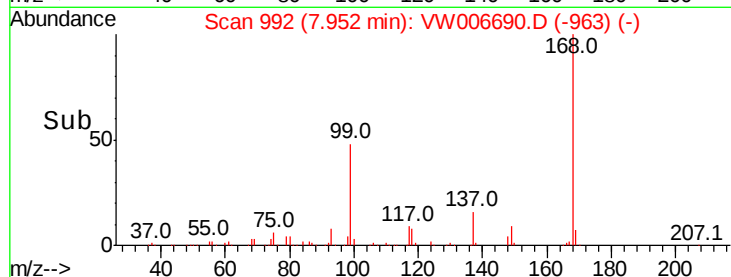
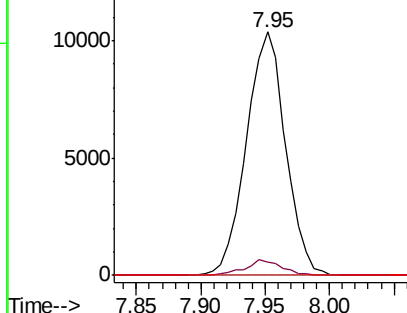
#38
Carbon Tetrachloride
Concen: 6.362 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006690.D
Acq: 06 Nov 2018 16:59

Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-1

Tot Ion:117 Resp: 21776
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 24.1 36.1#

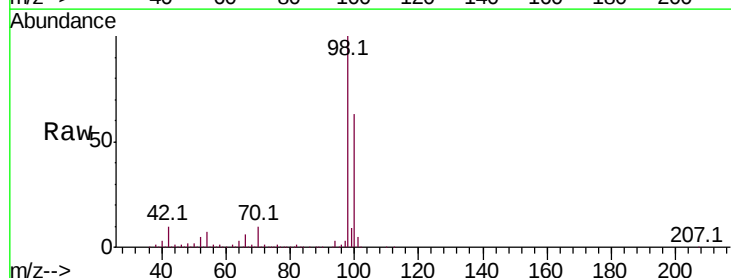


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

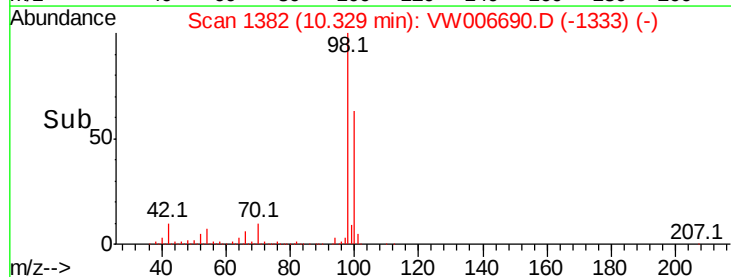
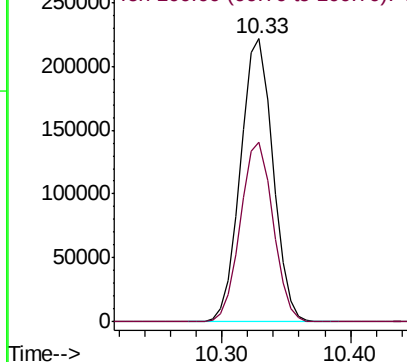


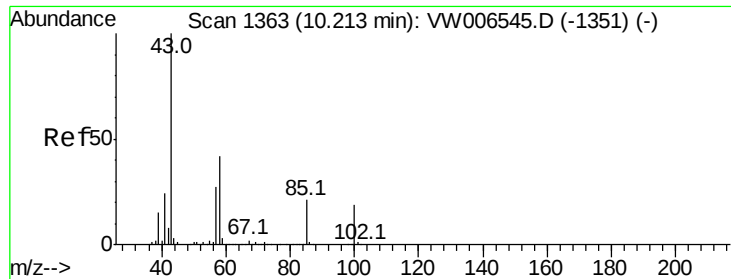
#50
Toluene-d8
Concen: 43.359 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006690.D
Acq: 06 Nov 2018 16:59

Tgt Ion: 98 Resp: 385848
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.199 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Instrument :

MSVOA_W

ClientSampleId :

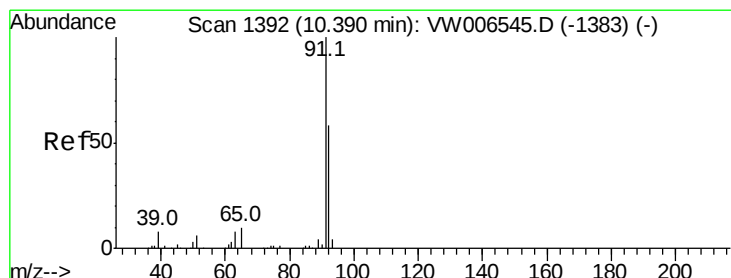
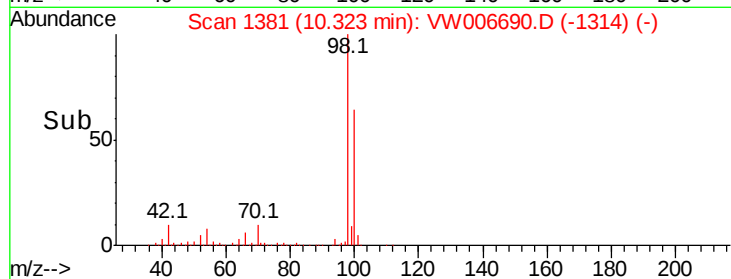
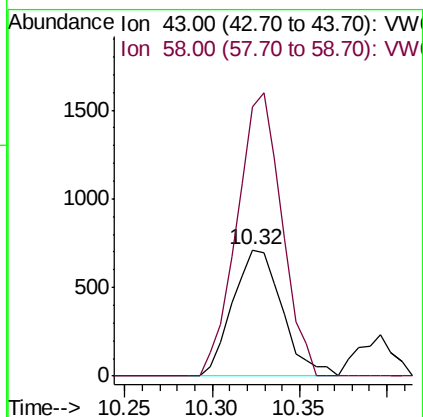
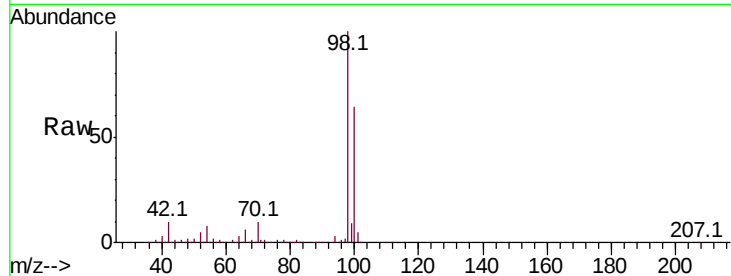
FLOOD-AREA-1

Tot Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

58 204.2 33.4 50.0#



#52

Toluene

Concen: 4.153 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006690.D

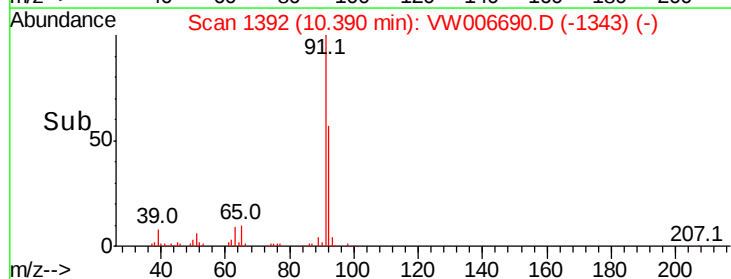
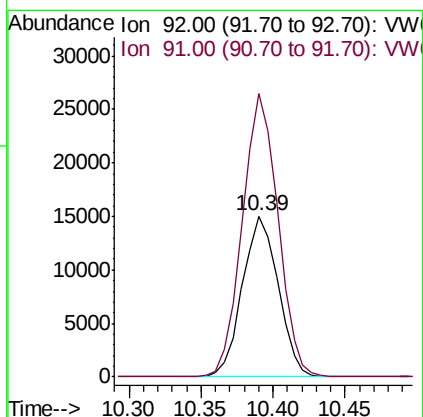
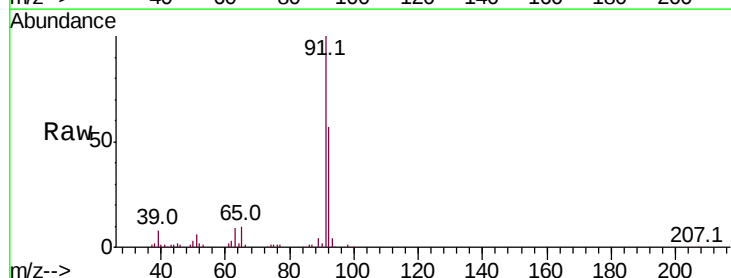
Acq: 06 Nov 2018 16:59

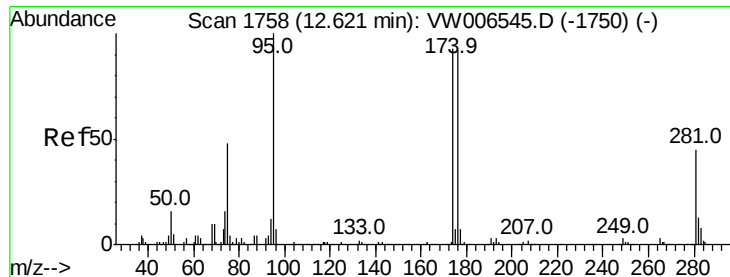
Tgt Ion: 92 Resp: 25917

Ion Ratio Lower Upper

92 100

91 174.6 138.6 208.0

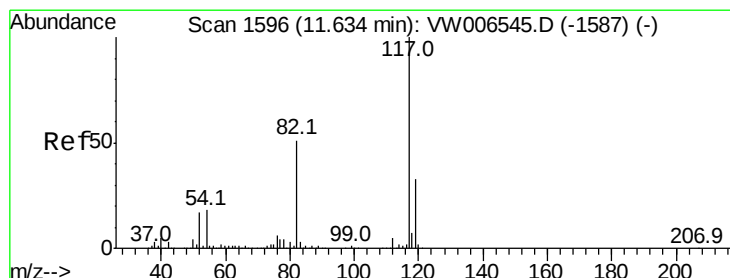
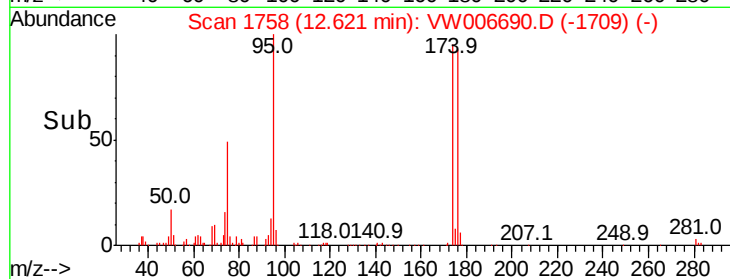
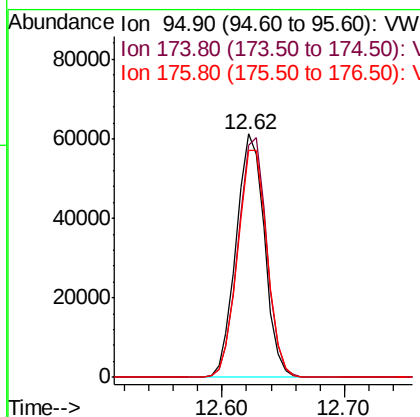
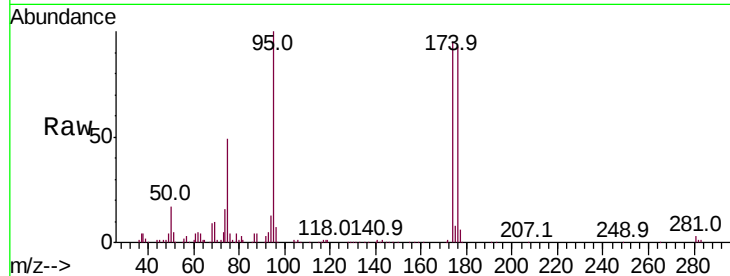




#62
4-Bromofluorobenzene
Concen: 30.460 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006690.D
Acq: 06 Nov 2018 16:59

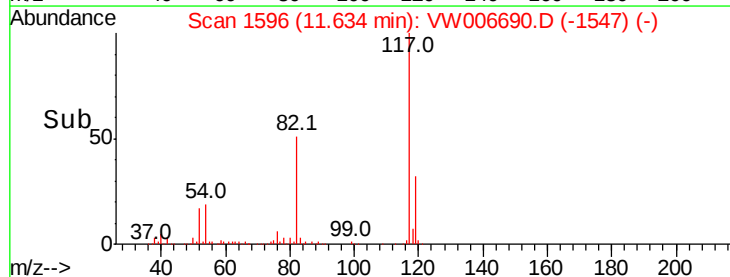
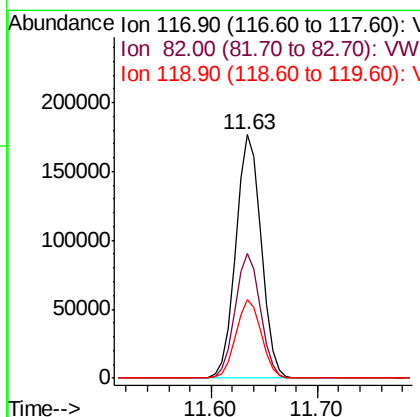
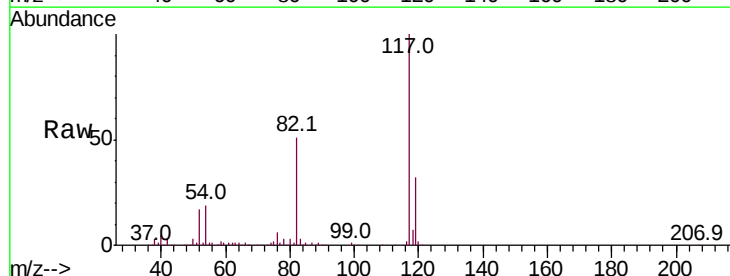
Instrument :
MSVOA_W
ClientSampleId :
FLOOD-AREA-1

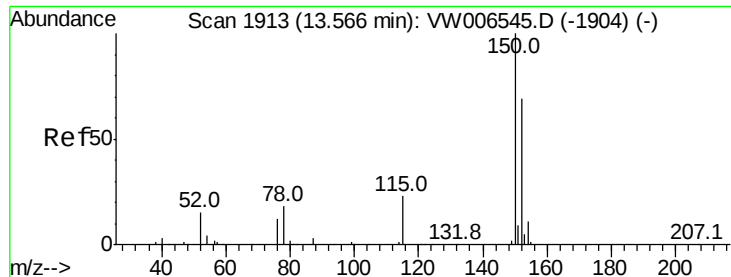
Tot Ion: 95 Resp: 98269
Ion Ratio Lower Upper
95 100
174 99.6 0.0 192.4
176 96.8 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006690.D
Acq: 06 Nov 2018 16:59

Tgt Ion: 117 Resp: 296000
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 32.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Instrument :

MSVOA_W

ClientSampled :

FLOOD-AREA-1

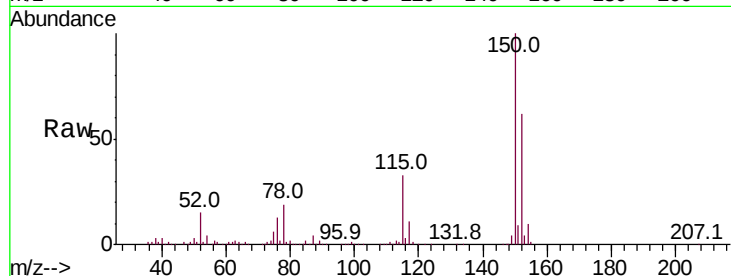
Tot Ion:152 Resp: 101283

Ion Ratio Lower Upper

152 100

115 53.6 26.6 79.8

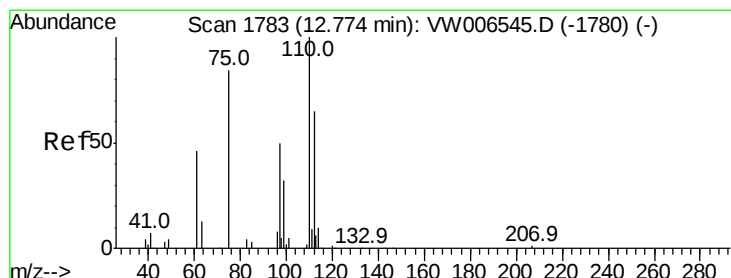
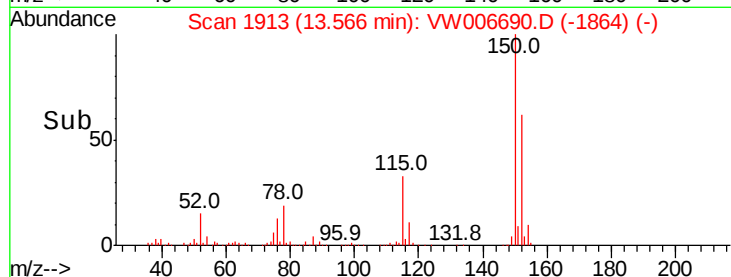
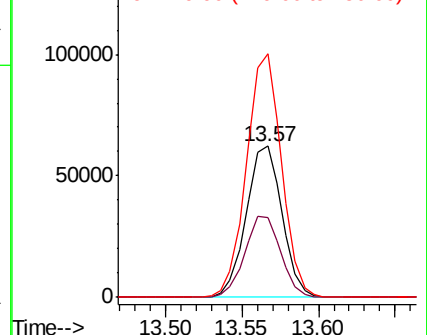
150 157.1 0.0 344.6



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: 61.284 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006690.D

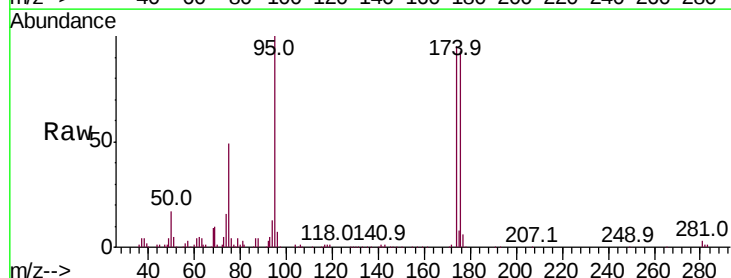
Acq: 06 Nov 2018 16:59

Tgt Ion: 75 Resp: 48429

Ion Ratio Lower Upper

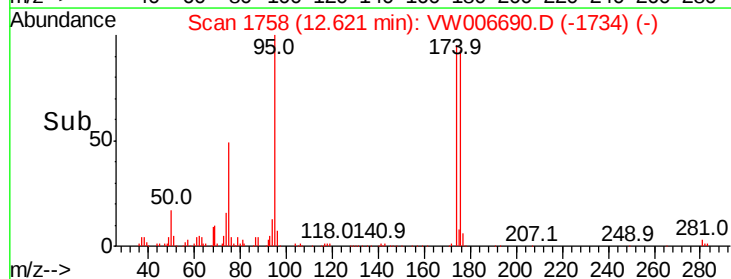
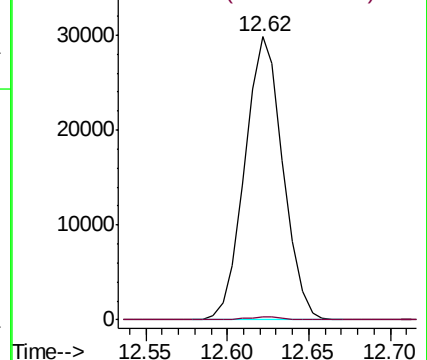
75 100

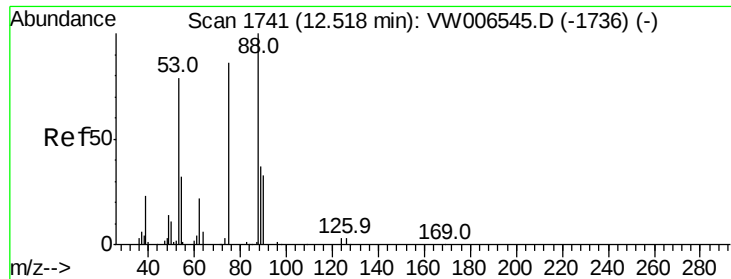
77 1.1 0.0 0.0#



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: 152.923 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006690.D

Acq: 06 Nov 2018 16:59

Instrument :

MSVOA_W

ClientSampleId :

FLOOD-AREA-1

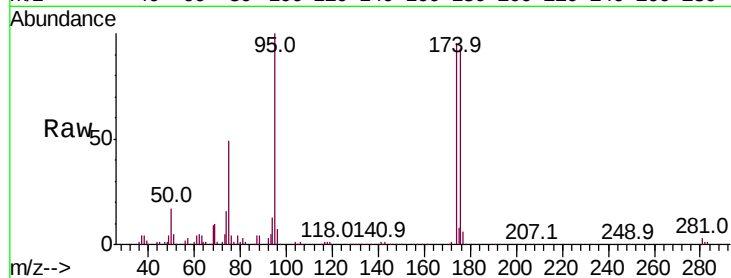
Tot Ion: 75 Resp: 48429

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#



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

