

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006689.D
 Acq On : 06 Nov 2018 16:33
 Operator : SY/AP
 Sample : J5769-08
 Misc : 5.82G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LEFT-CORNER-BULDG-85

Quant Time: Nov 06 17:39:43 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

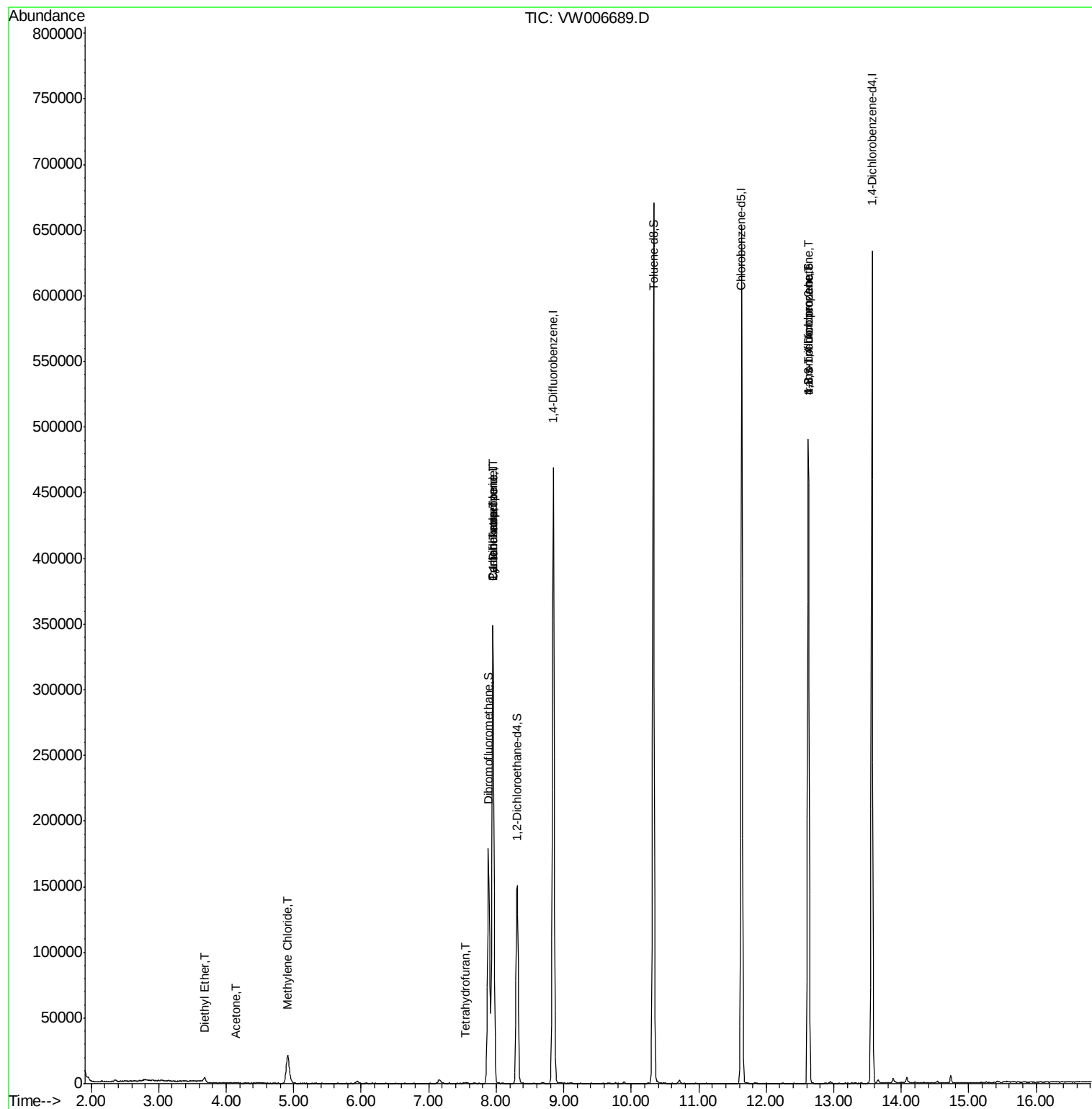
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	421615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121421	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
35) Dibromofluoromethane	7.88	113	126976	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	10.33	98	461702	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
62) 4-Bromofluorobenzene	12.62	95	147963	40.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.04%	
Target Compounds						
8) Diethyl Ether	3.68	74	2457	1.991	ug/l	85
16) Acetone	4.15	43	866	2.186	ug/l	93
20) Methylene Chloride	4.91	84	19138	1.682	ug/l	96
29) Tetrahydrofuran	7.55	42	439	1.235	ug/l #	50
31) Cyclohexane	7.95	56	4553	1.165	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	17469	4.712	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24298	6.272	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73340	51.564	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73340	129.092	ug/l #	11

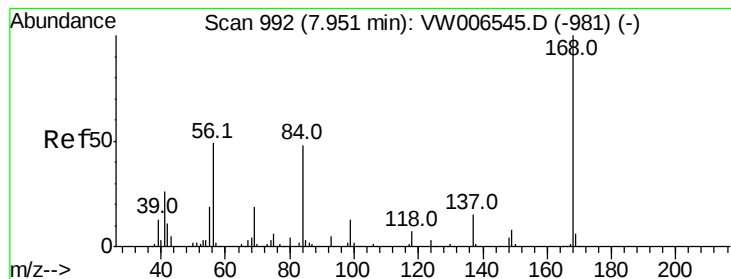
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006689.D

Acq: 06 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

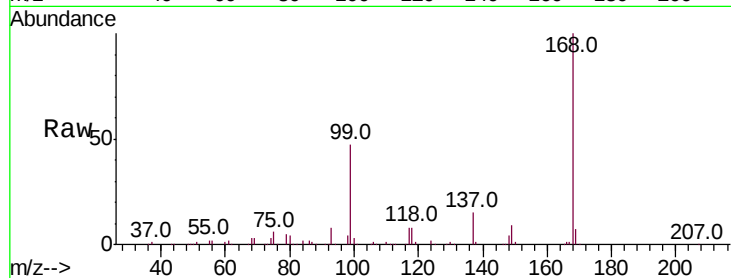
LEFT-CORNER-BULDG-85

Tot Ion:168 Resp: 285458

Ion Ratio Lower Upper

168 100

99 47.0 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

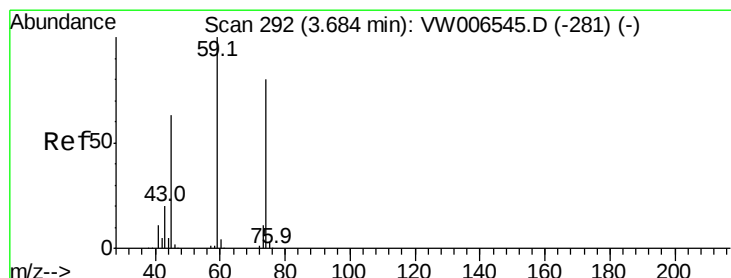
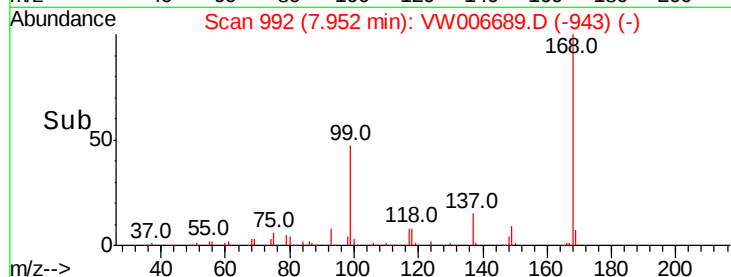
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.991 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006689.D

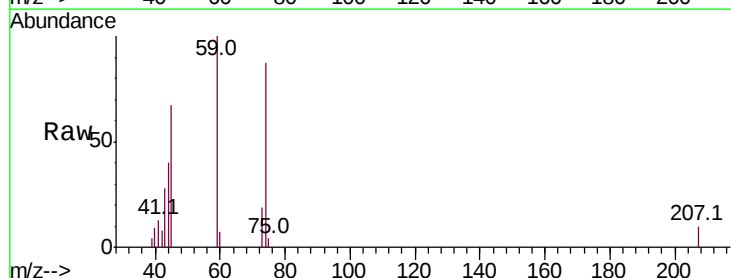
Acq: 06 Nov 2018 16:33

Tgt Ion: 74 Resp: 2457

Ion Ratio Lower Upper

74 100

45 96.0 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

1200

1000

800

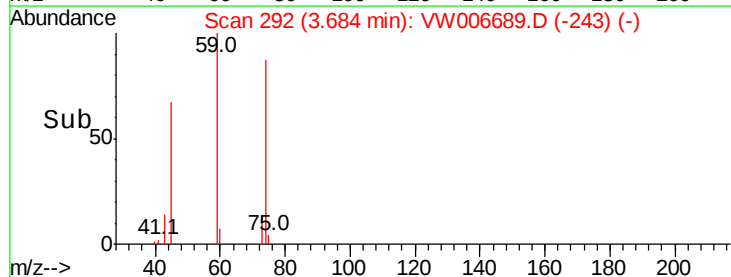
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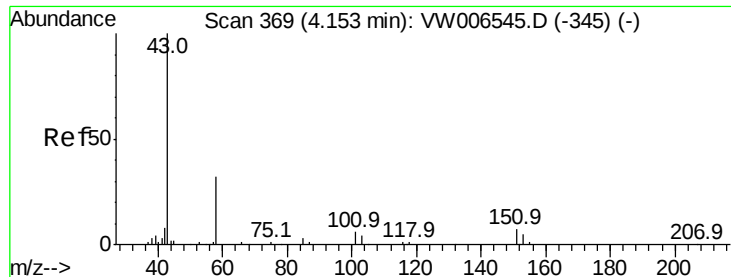
400

200

0

Time-->





#16

Acetone

Concen: 2.186 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006689.D

Acq: 06 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

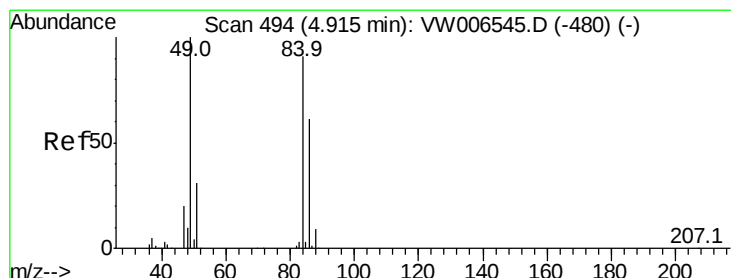
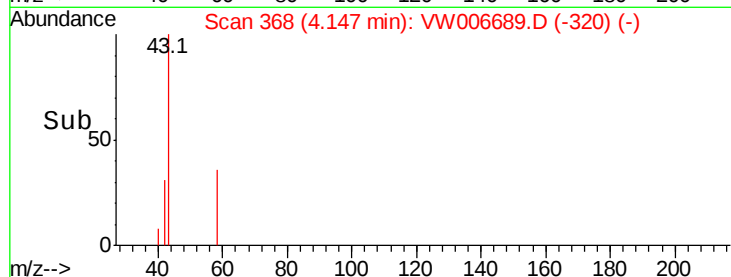
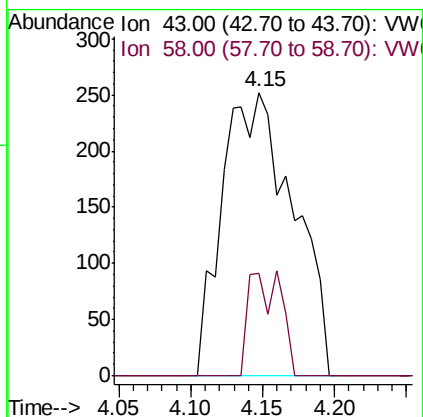
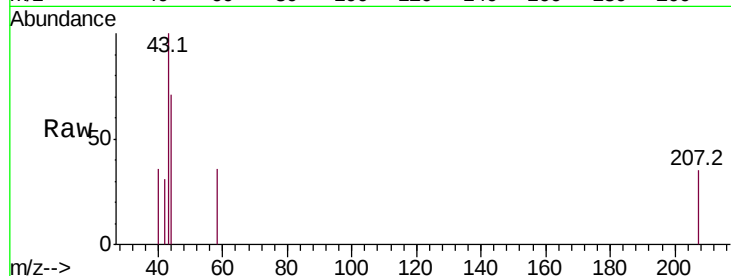
LEFT-CORNER-BULDG-85

Tot Ion: 43 Resp: 866

Ion Ratio Lower Upper

43 100

58 36.1 25.8 38.8



#20

Methylene Chloride

Concen: 1.682 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006689.D

Acq: 06 Nov 2018 16:33

Tgt Ion: 84 Resp: 19138

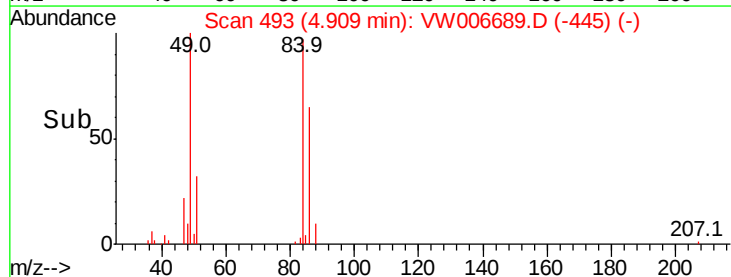
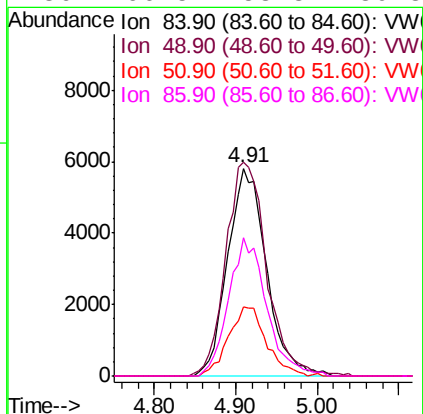
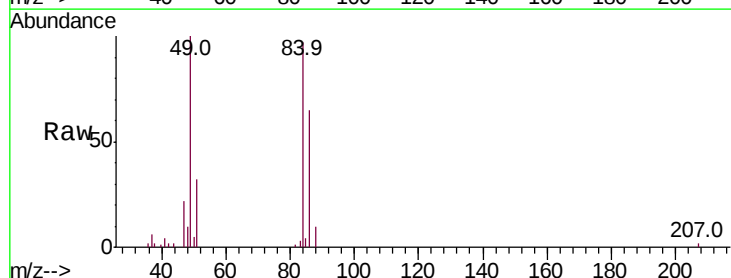
Ion Ratio Lower Upper

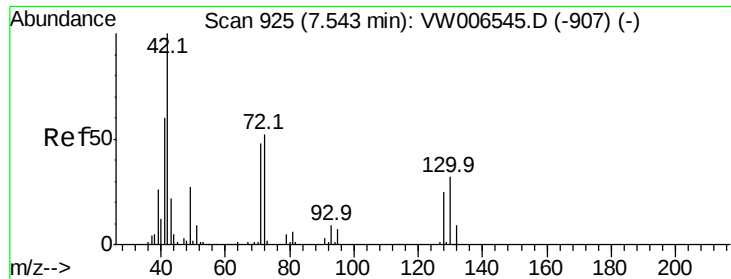
84 100

49 103.0 88.2 132.4

51 33.1 27.0 40.6

86 66.5 53.8 80.8

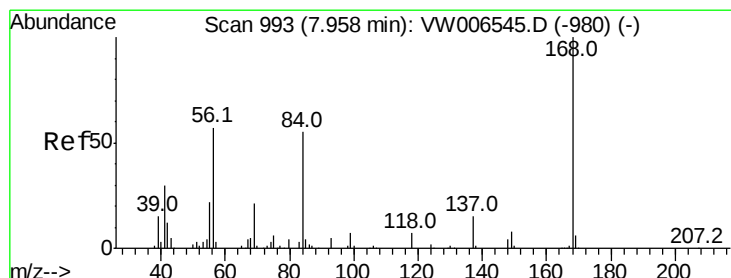
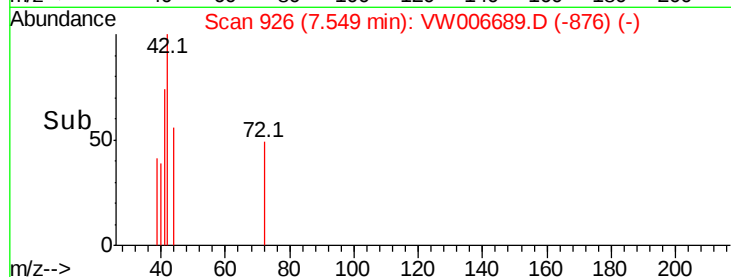
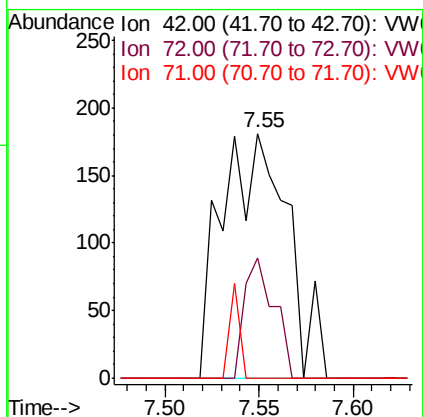
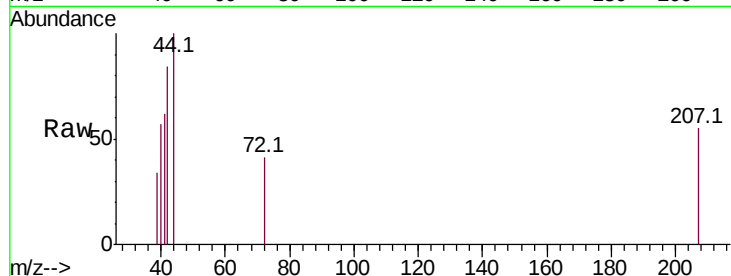




#29
Tetrahydrofuran
Concen: 1.235 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006689.D
Acq: 06 Nov 2018 16:33

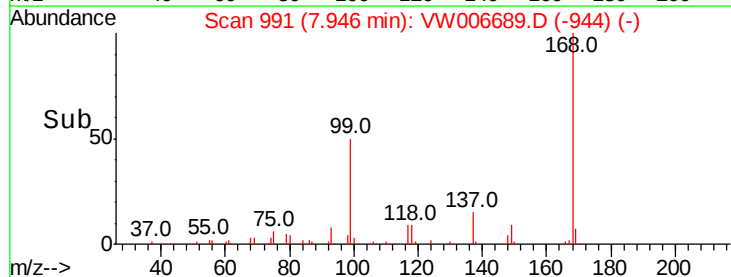
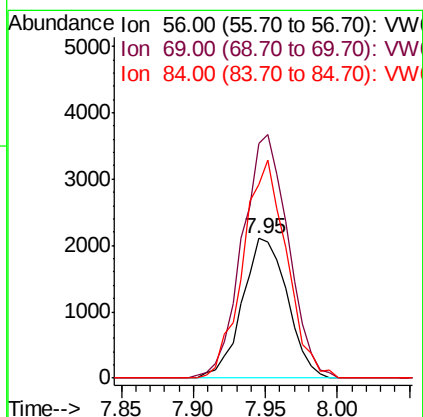
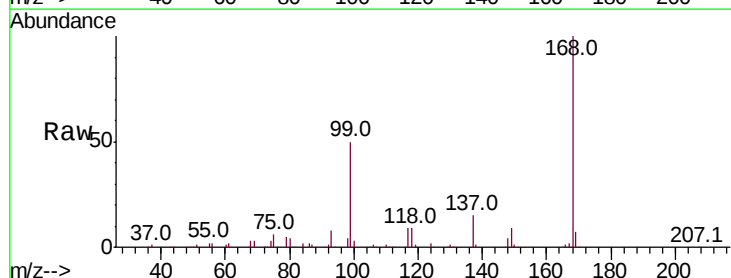
Instrument :
MSVOA_W
ClientSampleId :
LEFT-CORNER-BULDG-85

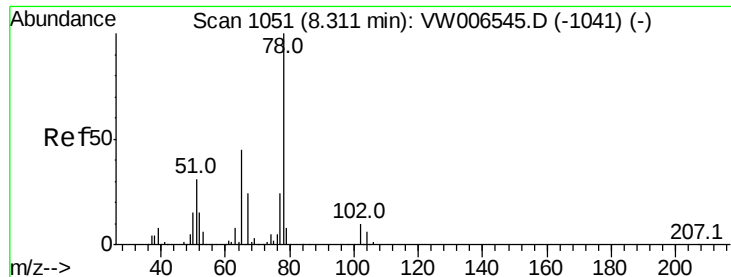
Tot Ion: 42 Resp: 439
Ion Ratio Lower Upper
42 100
72 22.1 39.2 58.8#
71 5.9 37.6 56.4#



#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006689.D
Acq: 06 Nov 2018 16:33

Tgt Ion: 56 Resp: 4553
Ion Ratio Lower Upper
56 100
69 168.2 29.0 43.4#
84 139.3 77.8 116.6#

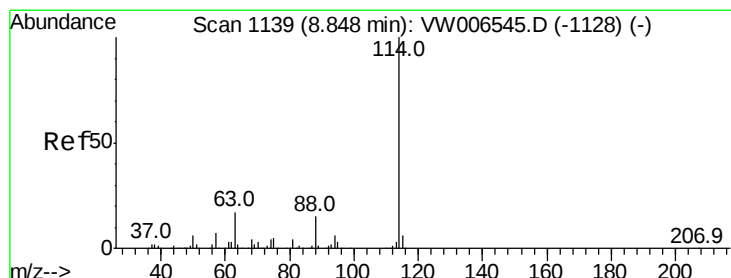
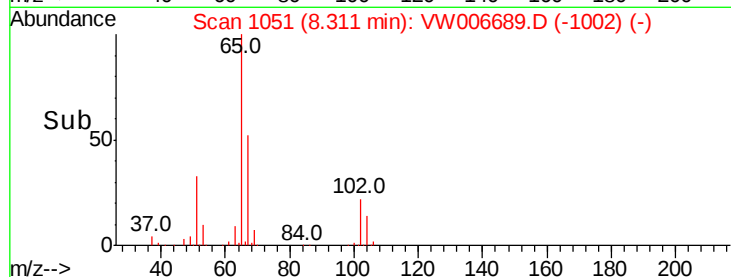
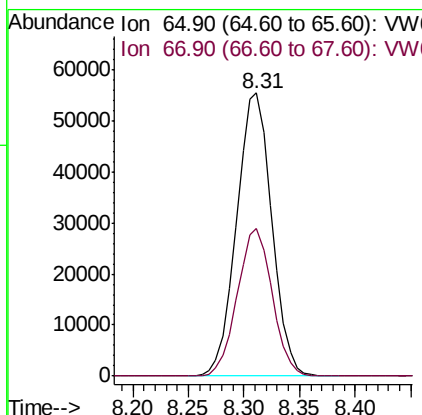
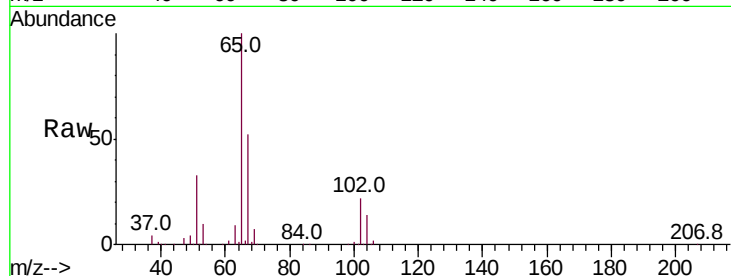




#33
 1,2-Dichloroethane-d4
 Concen: 49.483 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006689.D
 Acq: 06 Nov 2018 16:33

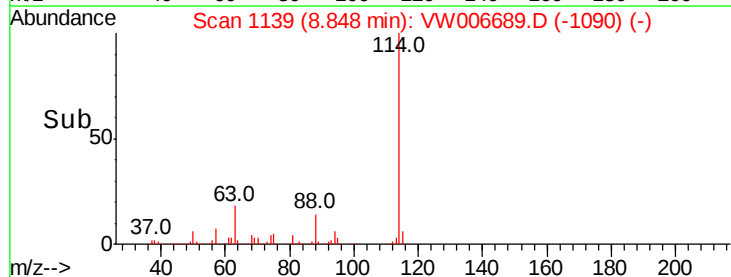
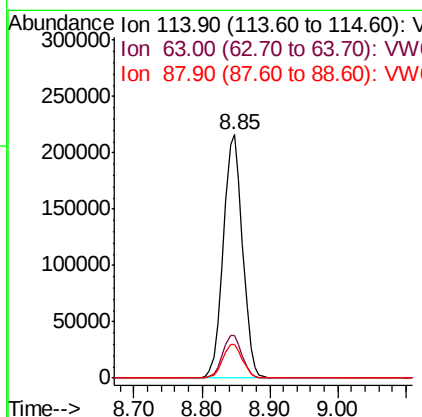
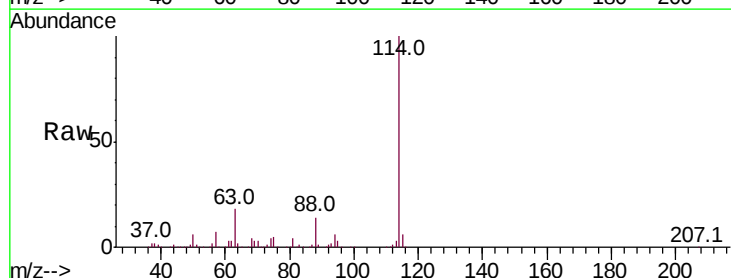
Instrument :
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 ClientSampleId :
 LEFT-CORNER-BULDG-85

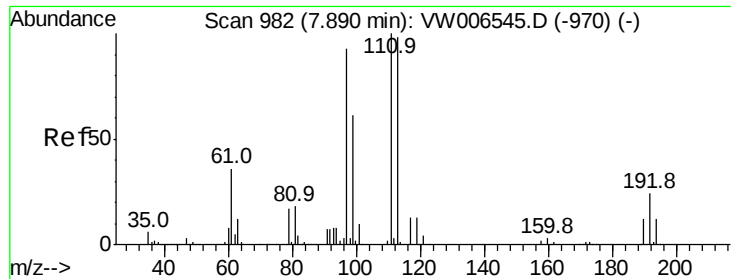
Tot Ion: 65 Resp: 121421
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006689.D
 Acq: 06 Nov 2018 16:33

Tgt Ion: 114 Resp: 421615
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 14.0 0.0 29.0

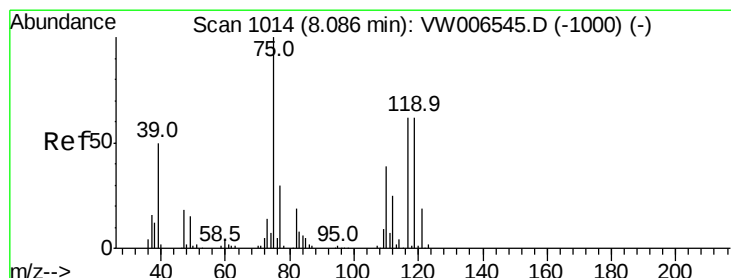
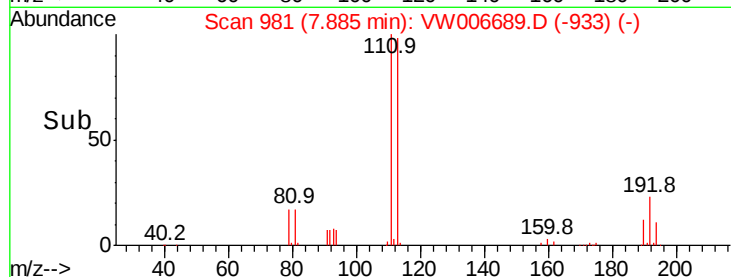
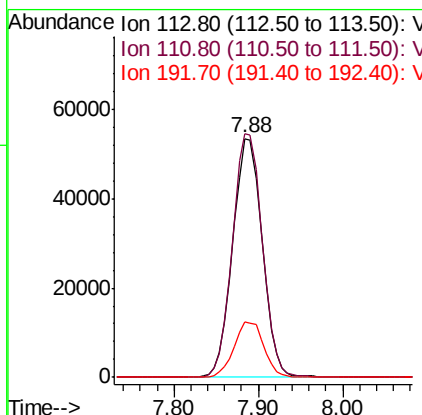
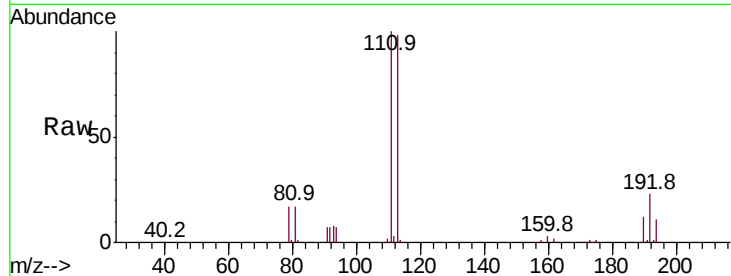




#35
 Dibromofluoromethane
 Concen: 47.988 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006689.D
 Acq: 06 Nov 2018 16:33

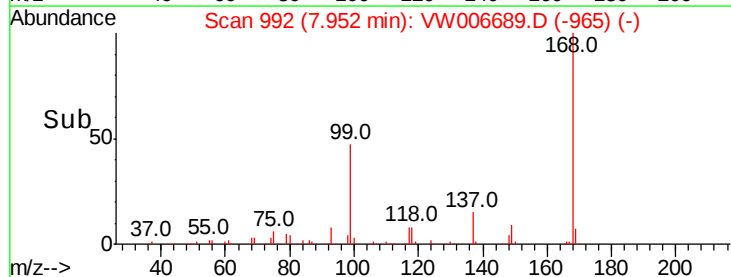
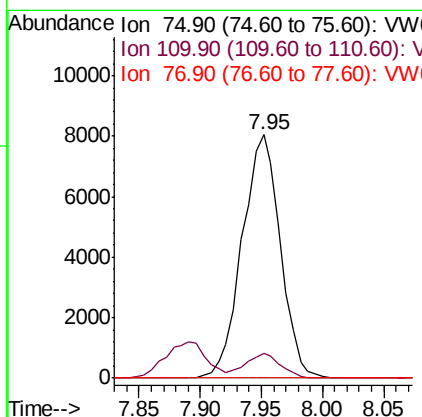
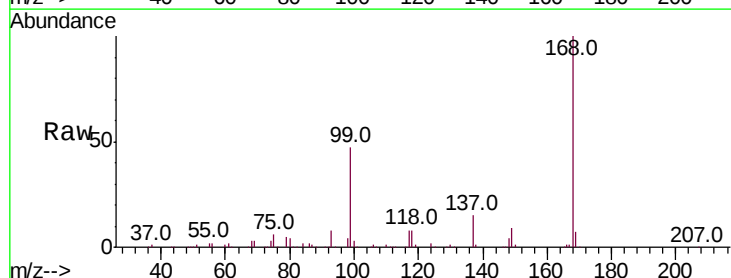
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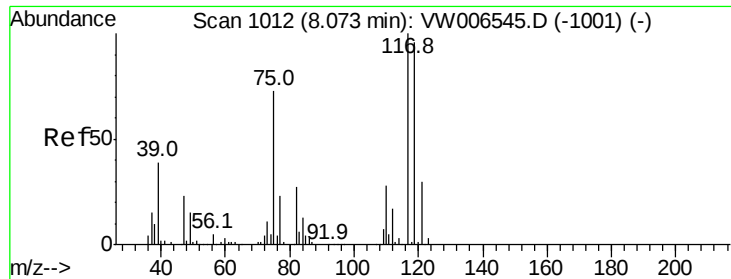
Tot Ion:113 Resp: 126976
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 23.3 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.712 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006689.D
 Acq: 06 Nov 2018 16:33

Tgt Ion: 75 Resp: 17469
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.272 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006689.D

Acq: 06 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

LEFT-CORNER-BULDG-85

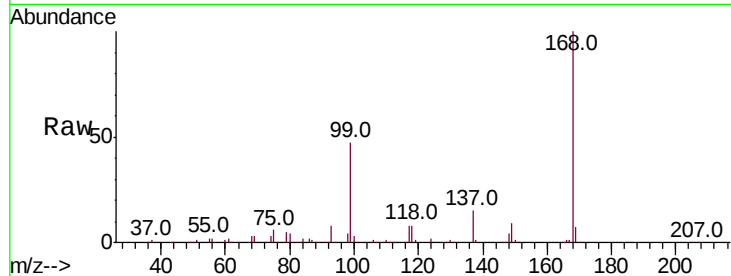
Tot Ion:117 Resp: 24298

Ion Ratio Lower Upper

117 100

119 6.5 76.3 114.5#

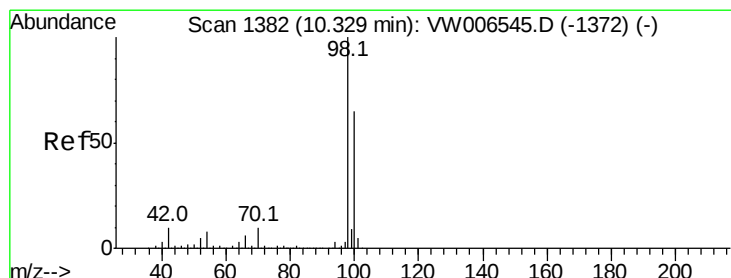
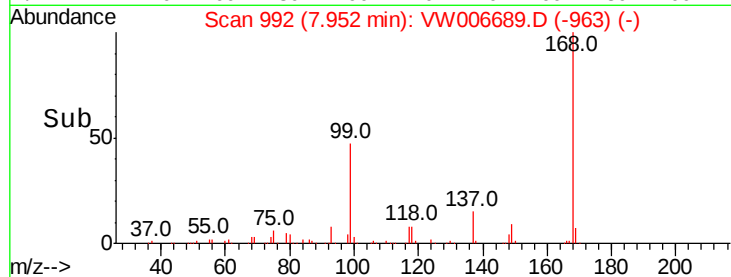
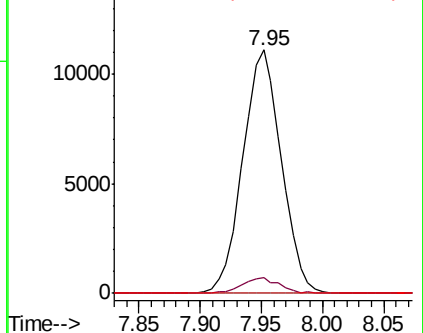
121 0.0 24.1 36.1#



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: 45.837 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006689.D

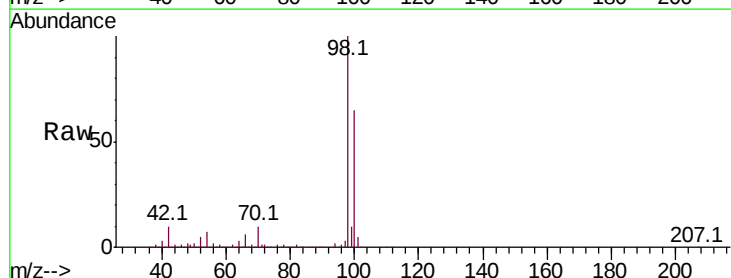
Acq: 06 Nov 2018 16:33

Tgt Ion: 98 Resp: 461702

Ion Ratio Lower Upper

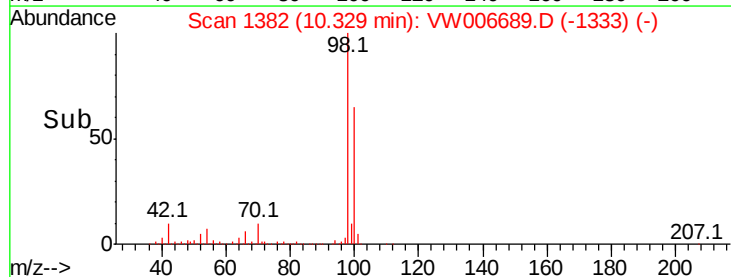
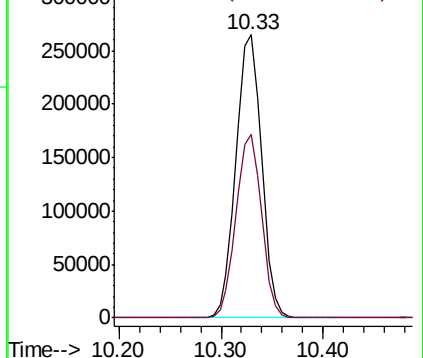
98 100

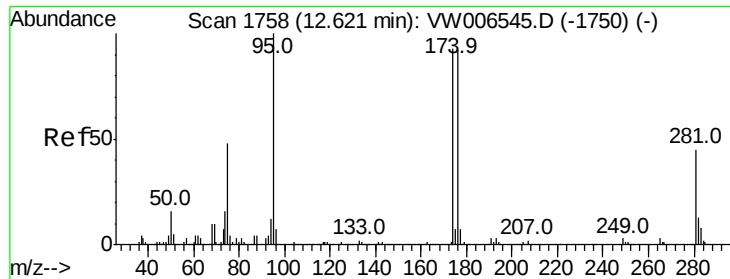
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

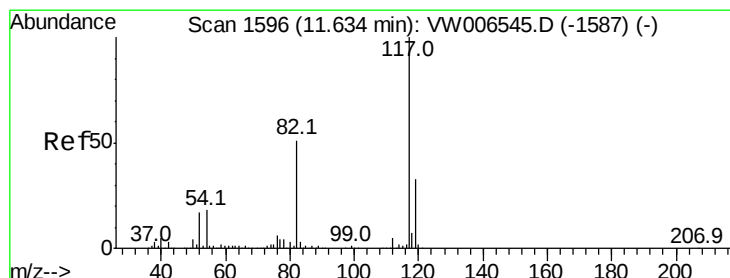
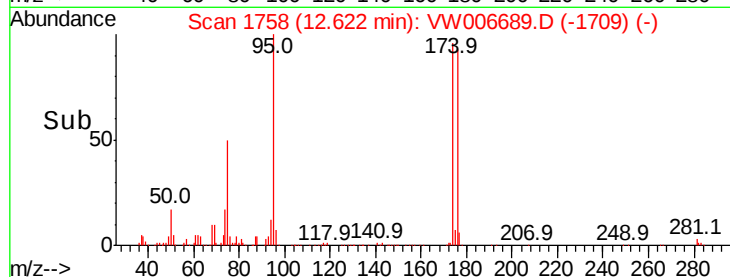
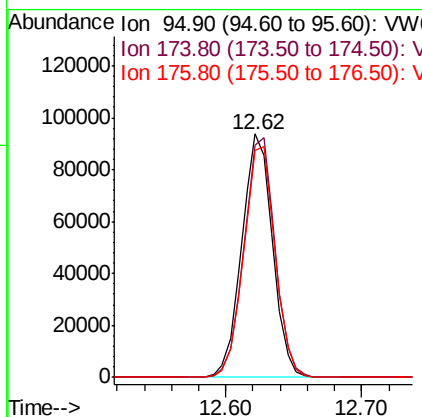
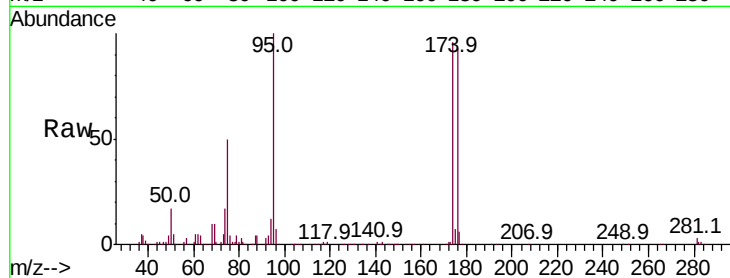




#62
4-Bromofluorobenzene
Concen: 40.518 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006689.D
Acq: 06 Nov 2018 16:33

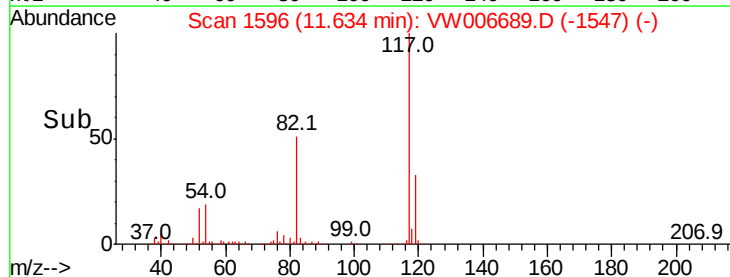
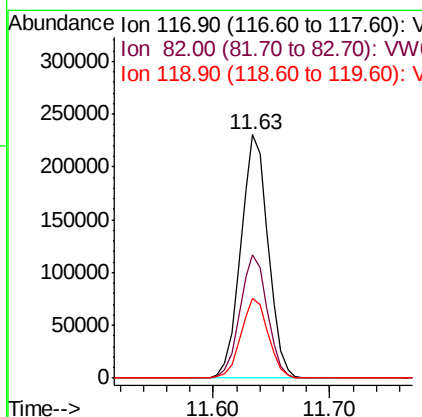
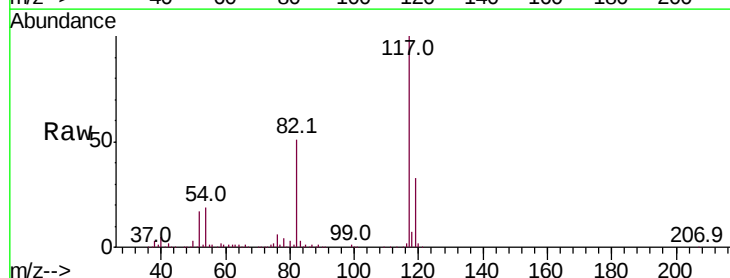
Instrument :
MSVOA_W
ClientSampleId :
LEFT-CORNER-BULDG-85

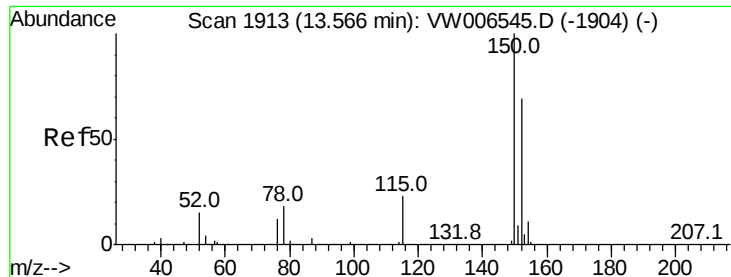
Tot Ion: 95 Resp: 147963
Ion Ratio Lower Upper
95 100
174 99.7 0.0 192.4
176 96.6 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006689.D
Acq: 06 Nov 2018 16:33

Tgt Ion: 117 Resp: 377205
Ion Ratio Lower Upper
117 100
82 50.8 40.8 61.2
119 32.7 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: VW006689.D

Acq: 06 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

LEFT-CORNER-BULDG-85

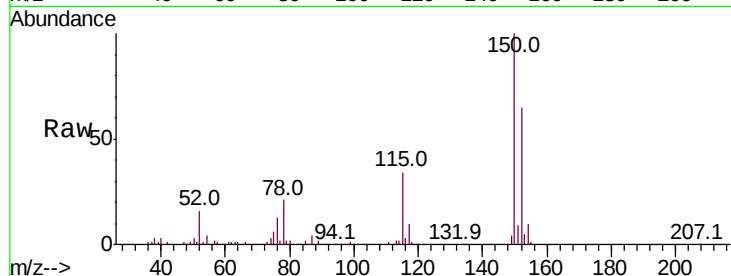
Tot Ion:152 Resp: 182293

Ion Ratio Lower Upper

152 100

115 53.4 26.6 79.8

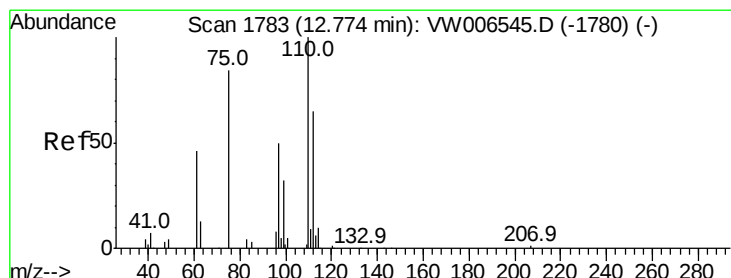
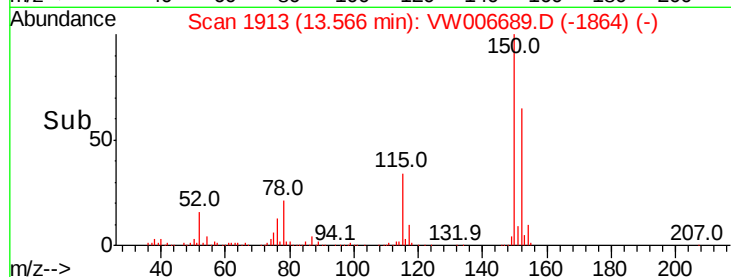
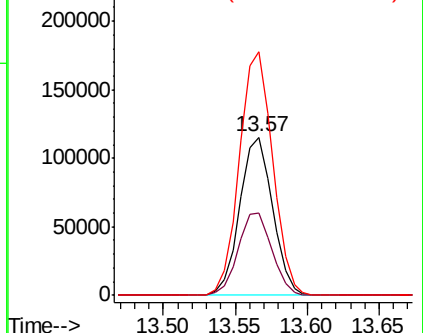
150 156.0 0.0 344.6



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: 51.564 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006689.D

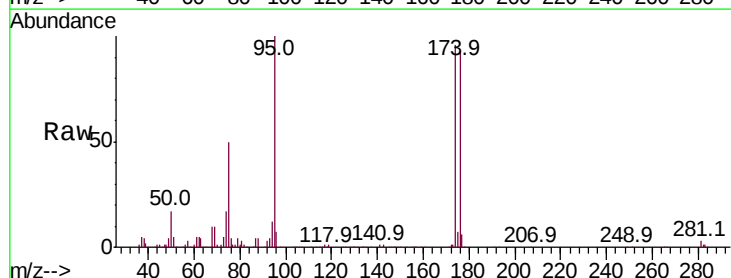
Acq: 06 Nov 2018 16:33

Tgt Ion: 75 Resp: 73340

Ion Ratio Lower Upper

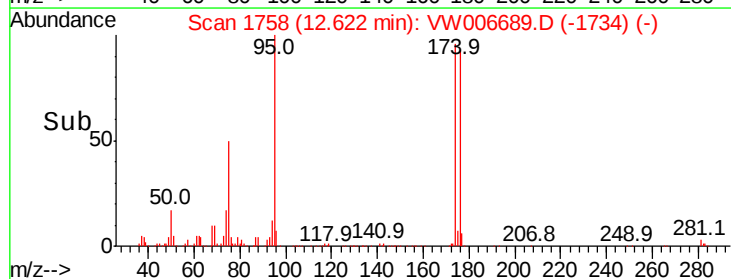
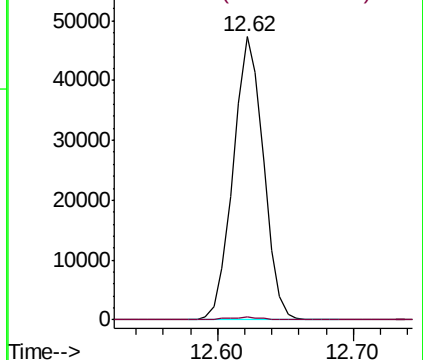
75 100

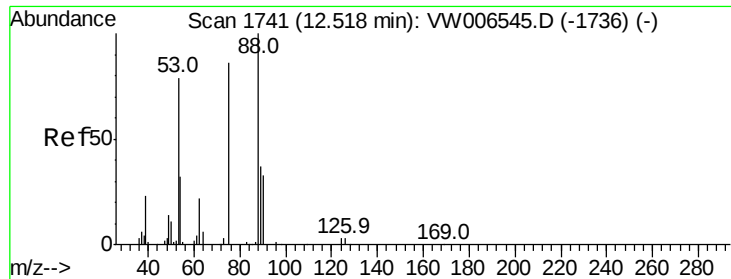
77 1.1 0.0 0.0#



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: 129.092 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006689.D

Acq: 06 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

LEFT-CORNER-BULDG-85

Tot Ion: 75 Resp: 73340

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

