

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006743.D
 Acq On : 07 Nov 2018 18:16
 Operator : SY/AP
 Sample : J5735-05
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:49:15 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

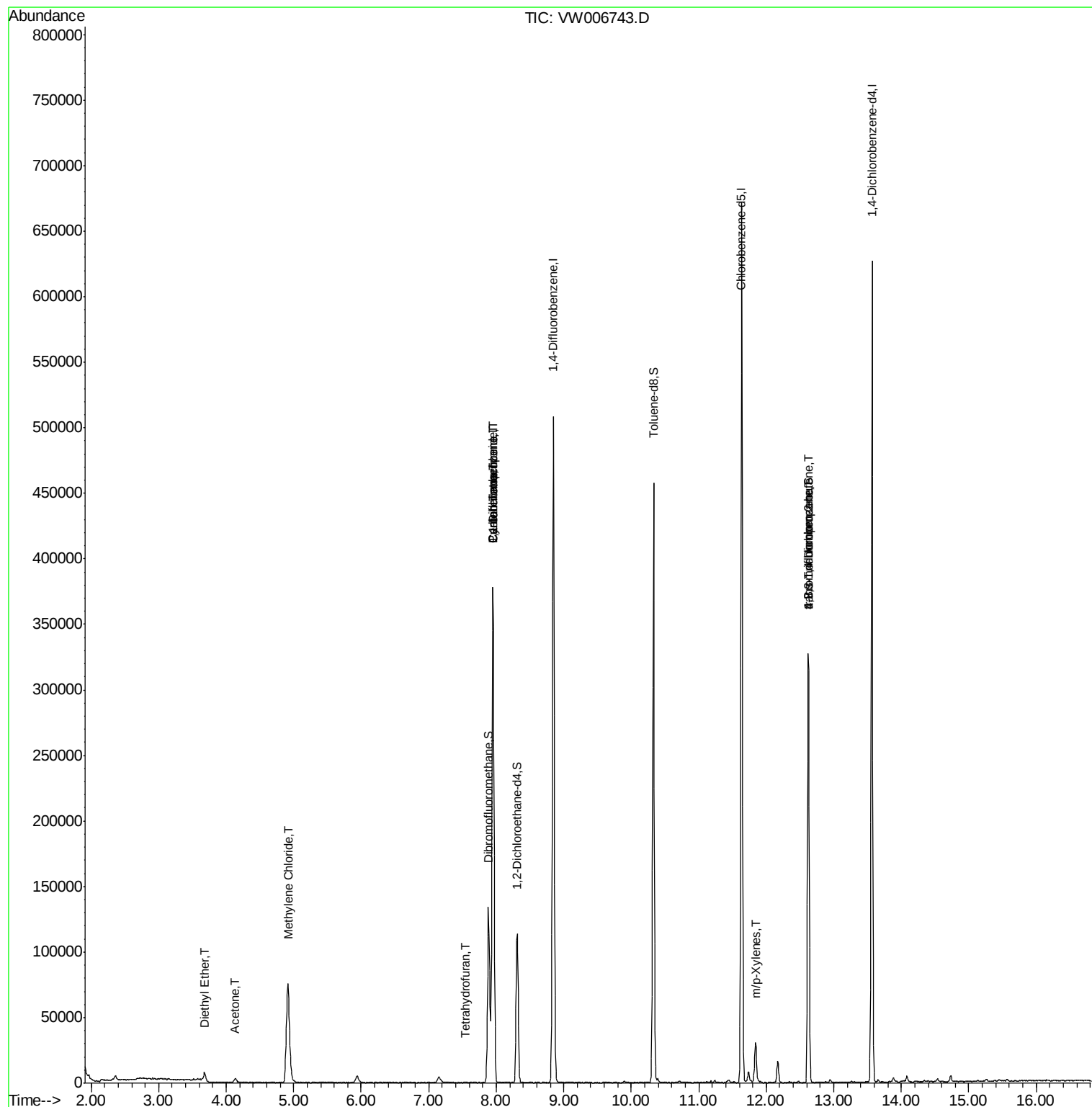
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	311371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	454002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89719	33.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.04%	
35) Dibromofluoromethane	7.88	113	94316	33.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.20%	
50) Toluene-d8	10.33	98	313704	28.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.84%	
62) 4-Bromofluorobenzene	12.62	95	100850	25.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.30%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	4033	2.996	ug/l	88
16) Acetone	4.14	43	5446	12.603	ug/l	99
20) Methylene Chloride	4.92	84	67369	20.537	ug/l	95
29) Tetrahydrofuran	7.54	42	424	1.093	ug/l #	33
31) Cyclohexane	7.95	56	5168	1.212	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	19204	4.810	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26834	6.432	ug/l #	17
68) m/p-Xylenes	11.84	106	9341	1.662	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	49767	35.806	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	49767	90.453	ug/l #	11

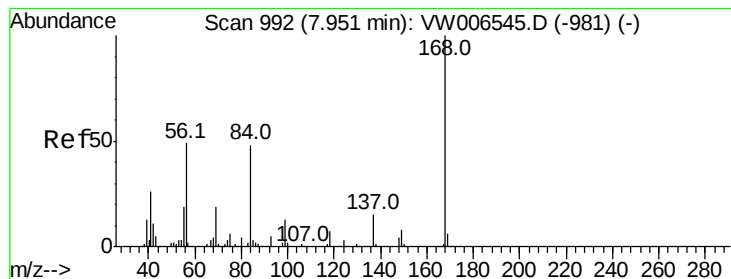
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110718\
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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: VW006743.D

Acq: 07 Nov 2018 18:16

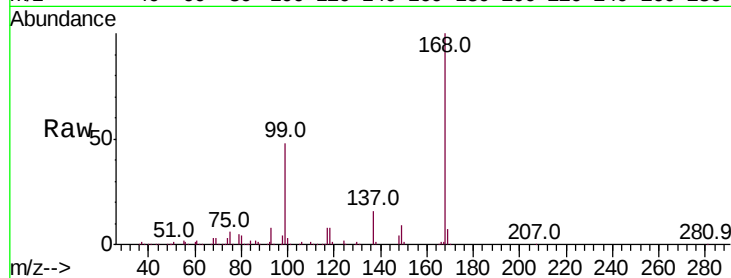
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 311371

Ion Ratio Lower Upper

168 100

99 47.8 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

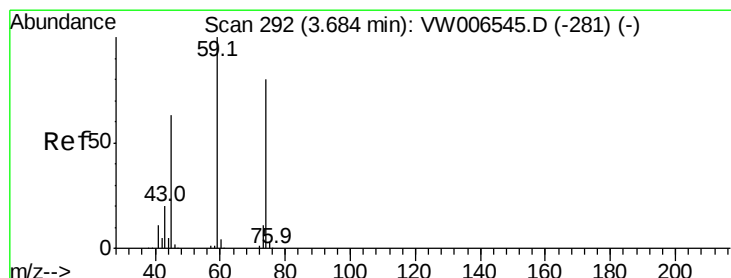
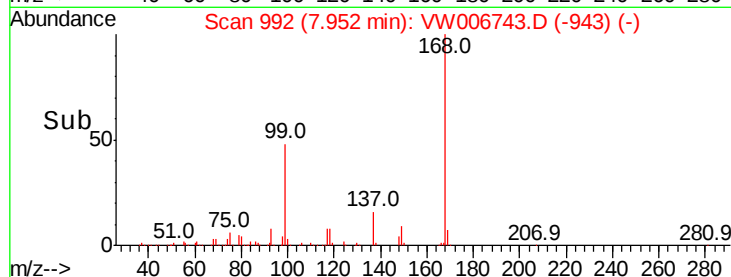
100000

50000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 2.996 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006743.D

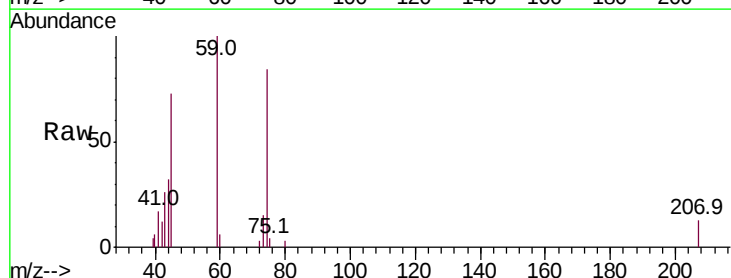
Acq: 07 Nov 2018 18:16

Tgt Ion: 74 Resp: 4033

Ion Ratio Lower Upper

74 100

45 92.9 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

2000

1500

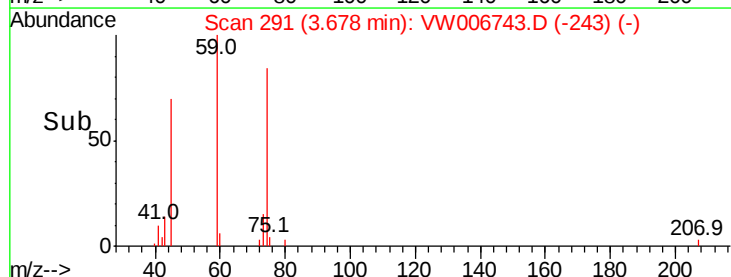
1000

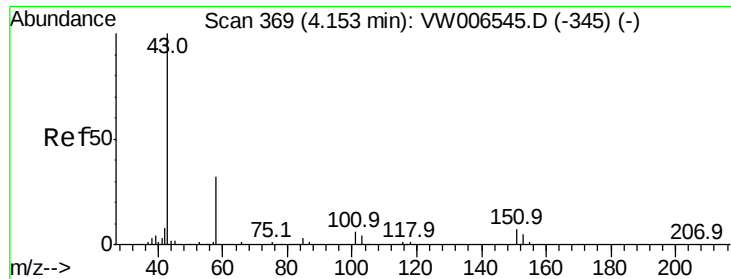
500

0

3.60 3.65 3.70 3.75

Time-->

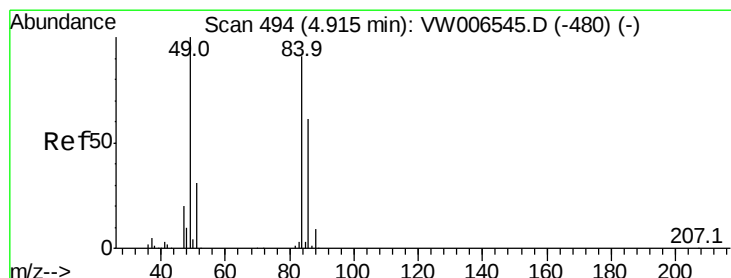
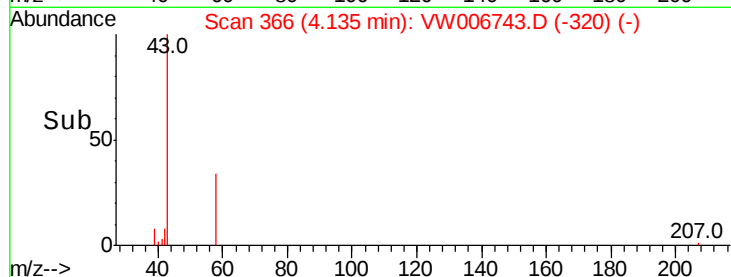
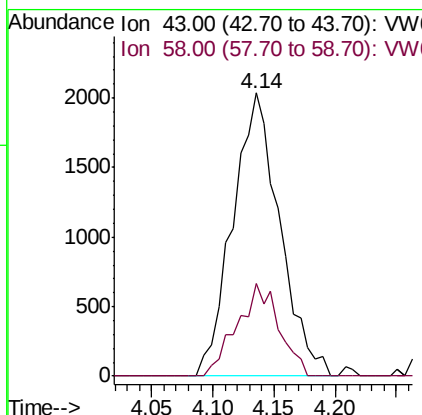
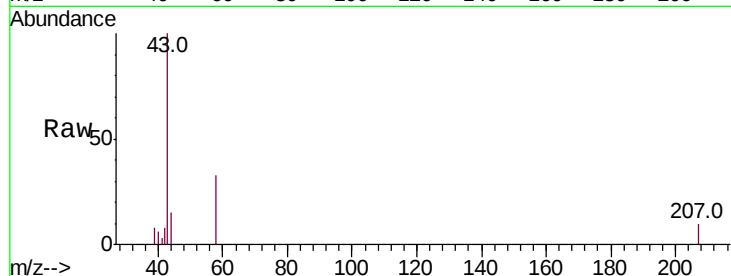




#16
Acetone
Concen: 12.603 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.02 min
Lab File: VW006743.D
Acq: 07 Nov 2018 18:16

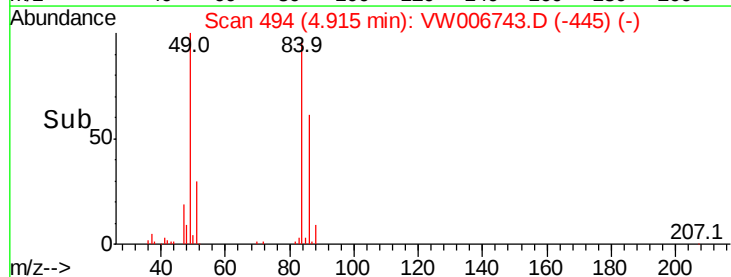
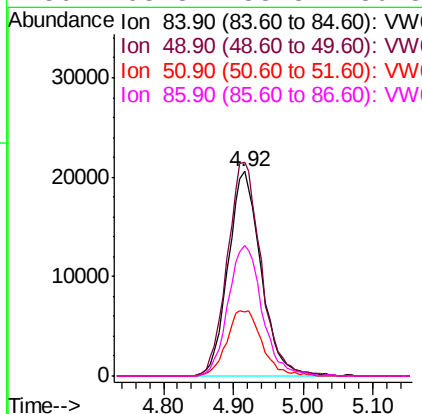
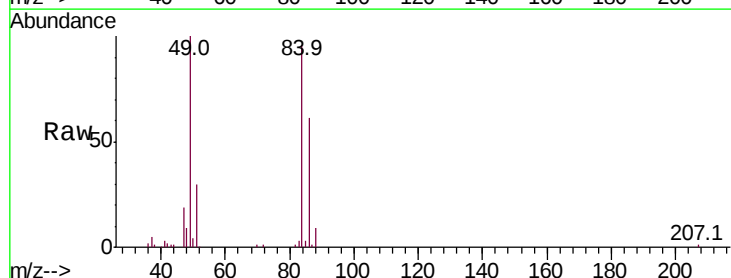
Instrument :
MSVOA_W
ClientSampled :

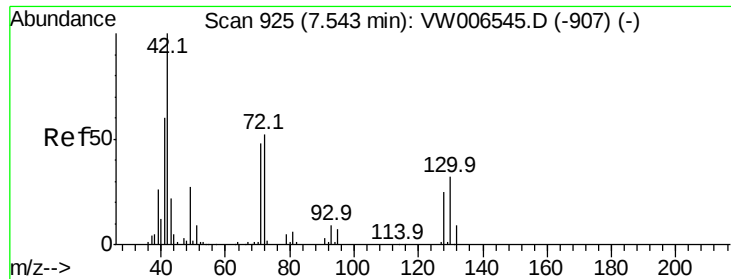
Tot Ion: 43 Resp: 5446
Ion Ratio Lower Upper
43 100
58 32.8 25.8 38.8



#20
Methylene Chloride
Concen: 20.537 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006743.D
Acq: 07 Nov 2018 18:16

Tgt Ion: 84 Resp: 67369
Ion Ratio Lower Upper
84 100
49 104.4 88.2 132.4
51 31.5 27.0 40.6
86 63.8 53.8 80.8

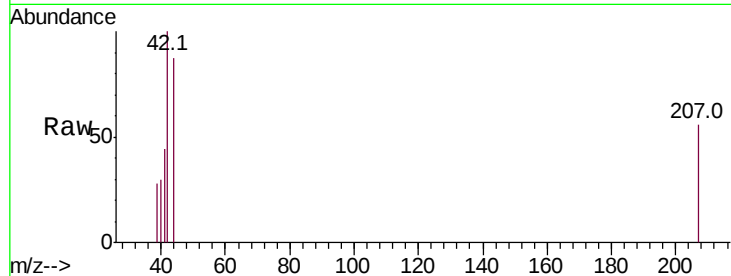




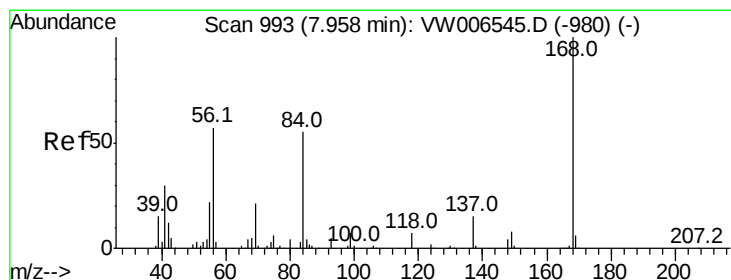
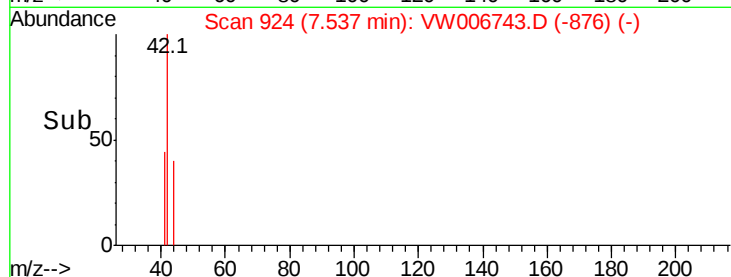
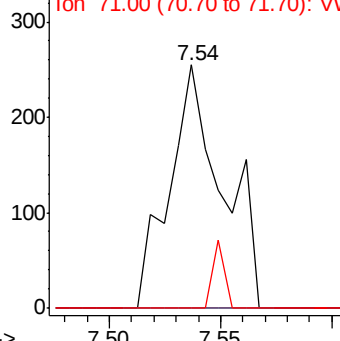
#29
Tetrahydrofuran
Concen: 1.093 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006743.D
Acq: 07 Nov 2018 18:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 424
Ion Ratio Lower Upper
42 100
72 0.0 39.2 58.8#
71 6.1 37.6 56.4#

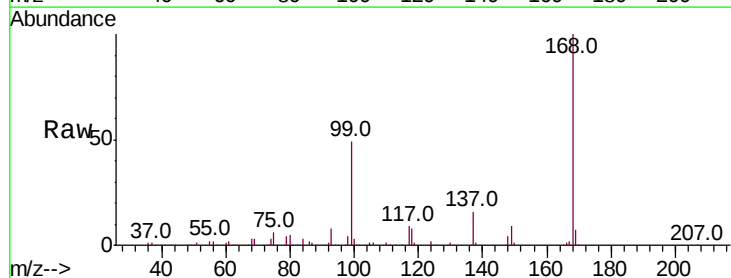


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

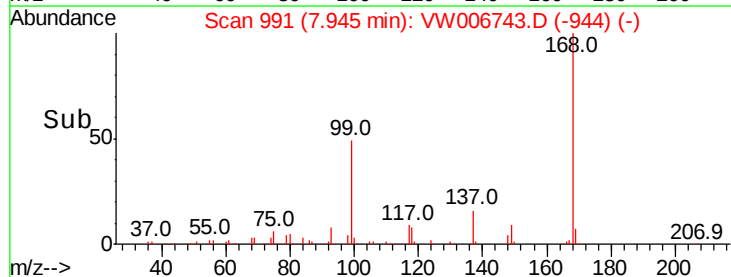
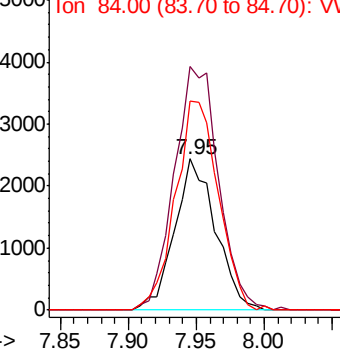


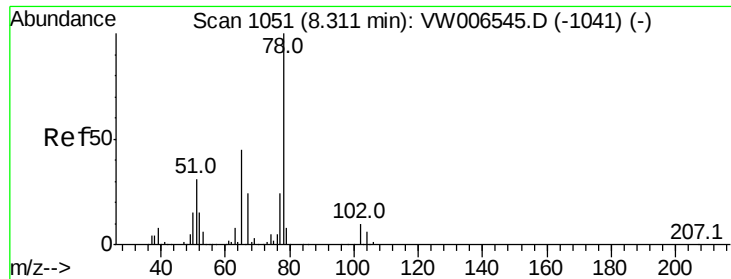
#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006743.D
Acq: 07 Nov 2018 18:16

Tgt Ion: 56 Resp: 5168
Ion Ratio Lower Upper
56 100
69 160.9 29.0 43.4#
84 138.6 77.8 116.6#



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

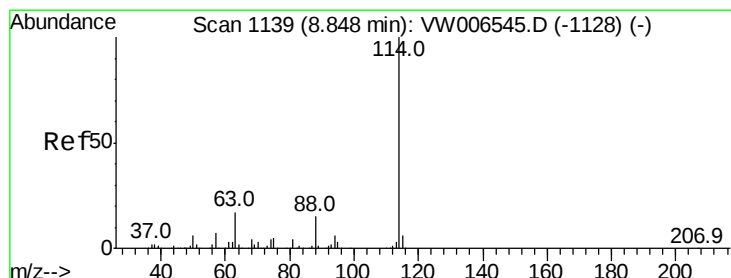
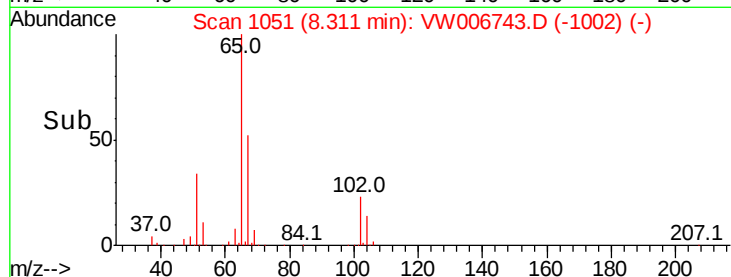
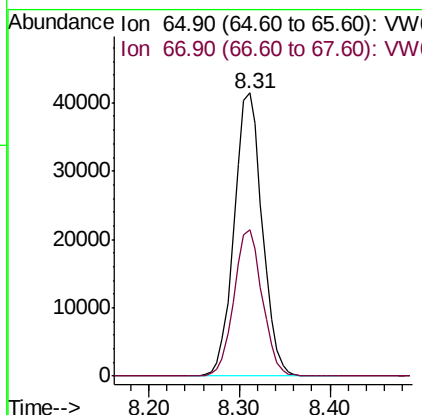
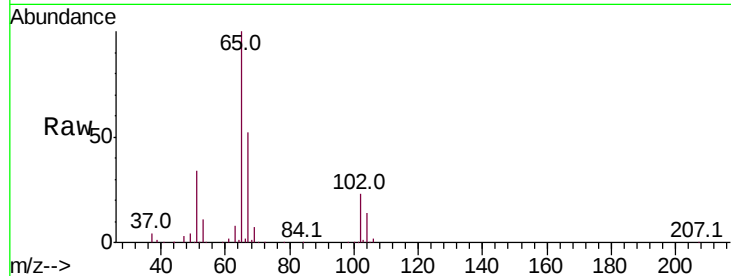




#33
 1,2-Dichloroethane-d4
 Concen: 33.521 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006743.D
 Acq: 07 Nov 2018 18:16

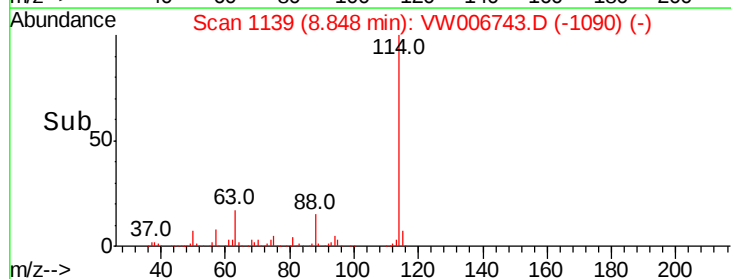
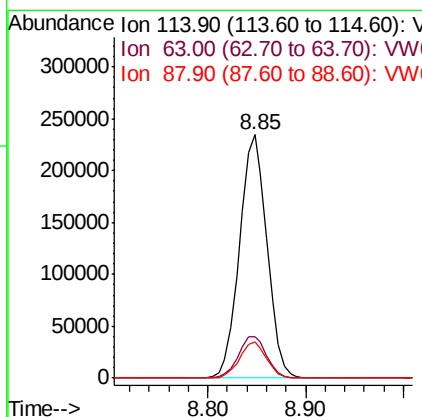
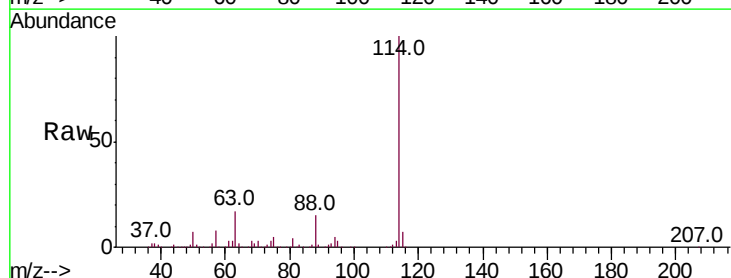
Instrument :
 MSVOA_W
 ClientSampleId :

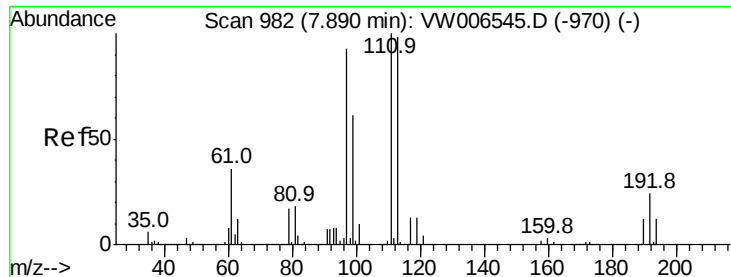
Tot Ion: 65 Resp: 89719
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006743.D
 Acq: 07 Nov 2018 18:16

Tgt Ion: 114 Resp: 454002
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 34.4
 88 14.7 0.0 29.0

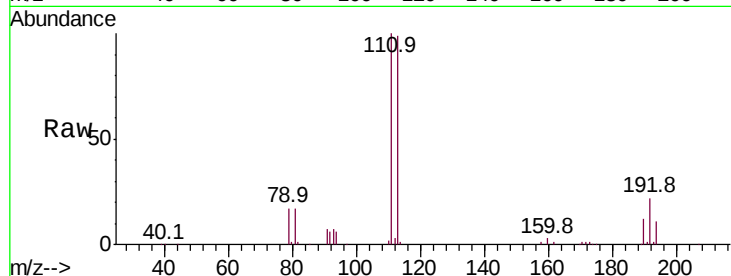




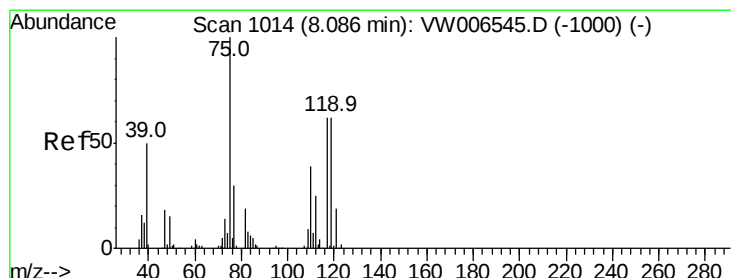
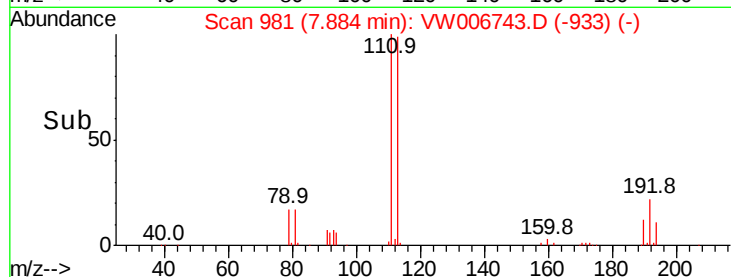
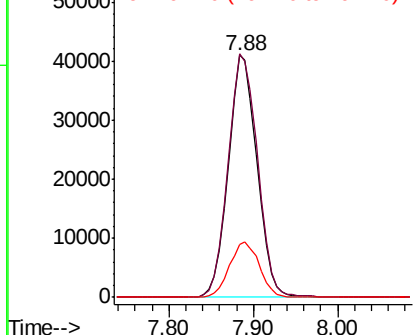
#35
 Dibromofluoromethane
 Concen: 33.102 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006743.D
 Acq: 07 Nov 2018 18:16

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 94316
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.2
 192 23.7 19.0 28.6

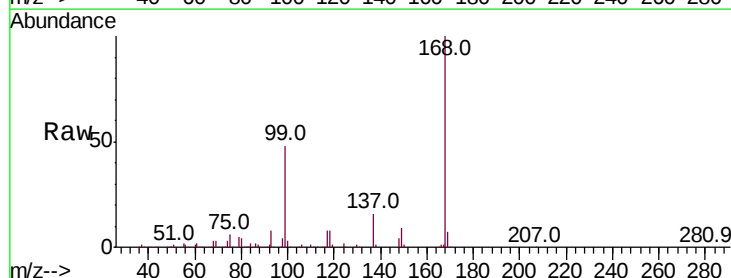


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

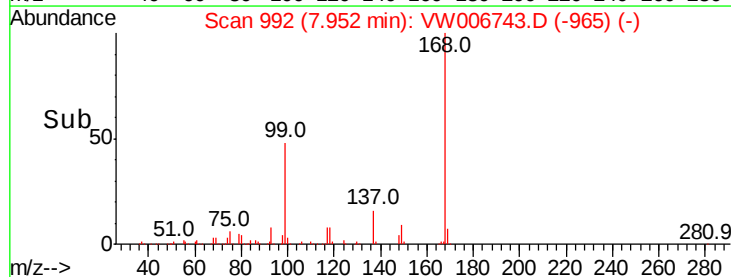
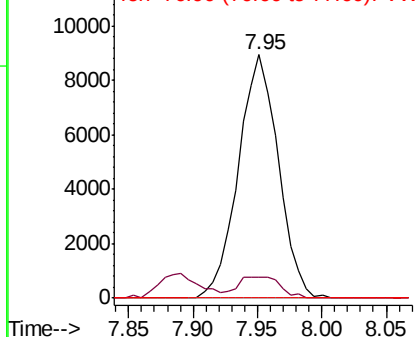


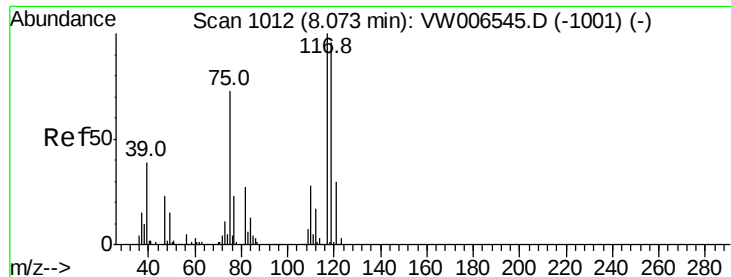
#36
 1,1-Dichloropropene
 Concen: 4.810 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006743.D
 Acq: 07 Nov 2018 18:16

Tgt Ion: 75 Resp: 19204
 Ion Ratio Lower Upper
 75 100
 110 9.3 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: 6.432 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006743.D

Acq: 07 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

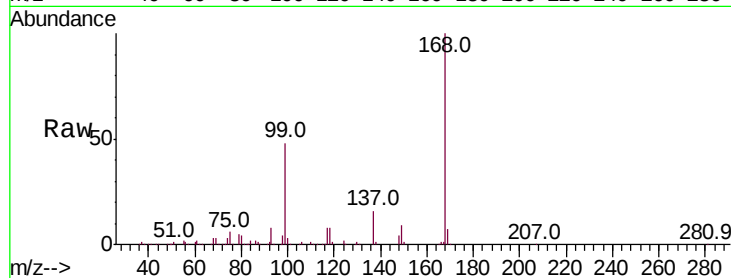
Tot Ion:117 Resp: 26834

Ion Ratio Lower Upper

117 100

119 6.7 76.3 114.5#

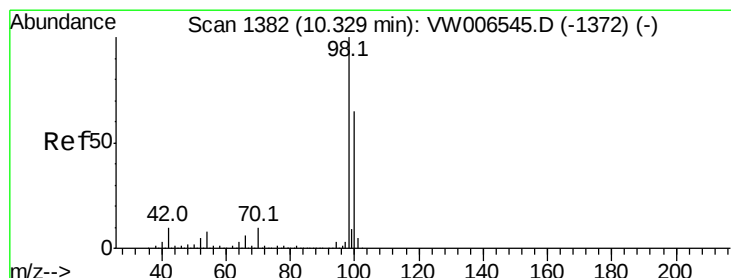
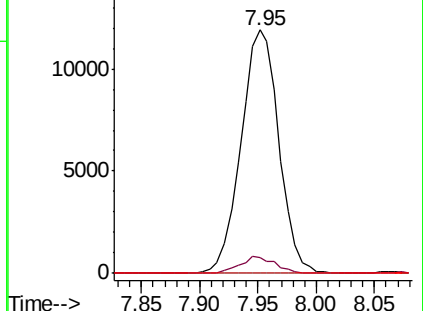
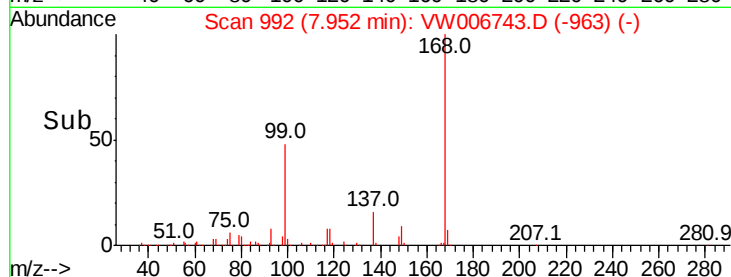
121 0.0 24.1 36.1#



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: 28.922 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006743.D

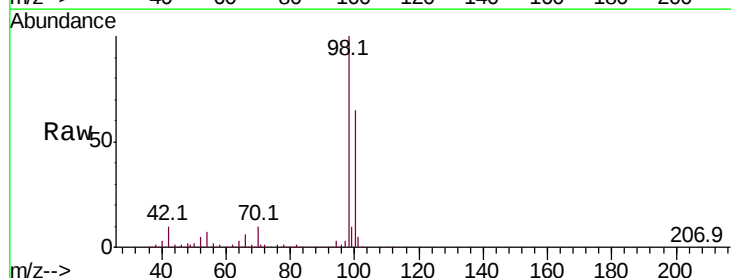
Acq: 07 Nov 2018 18:16

Tgt Ion: 98 Resp: 313704

Ion Ratio Lower Upper

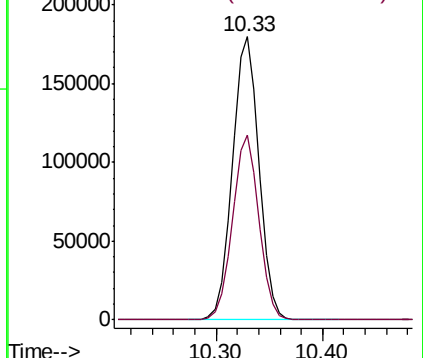
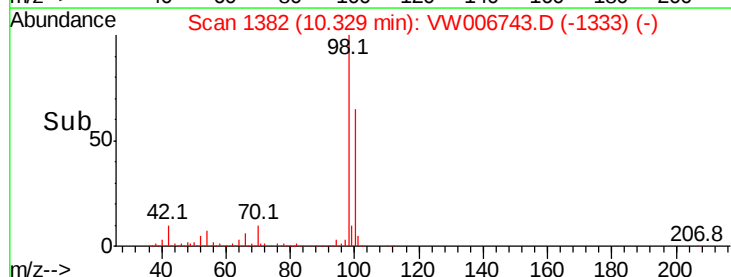
98 100

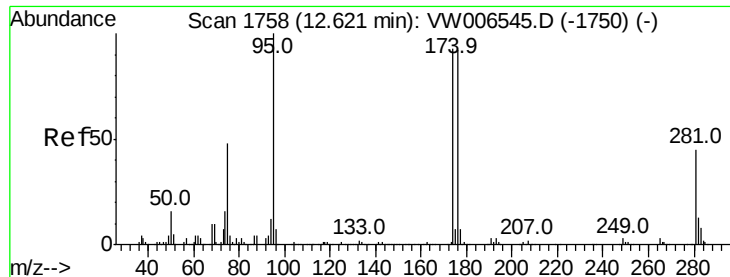
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

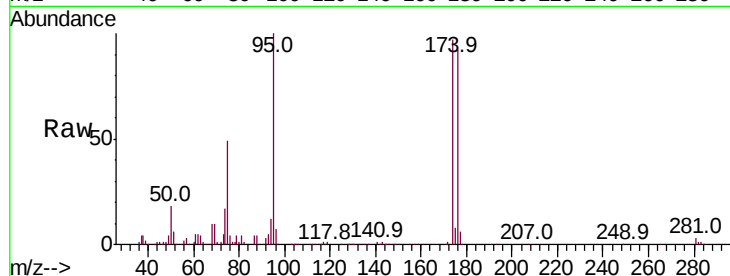




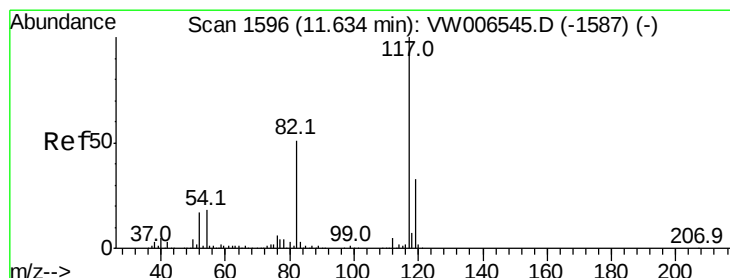
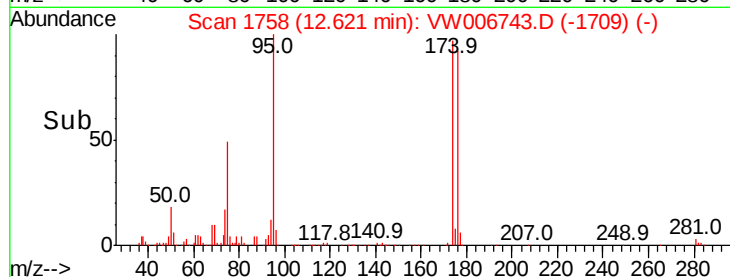
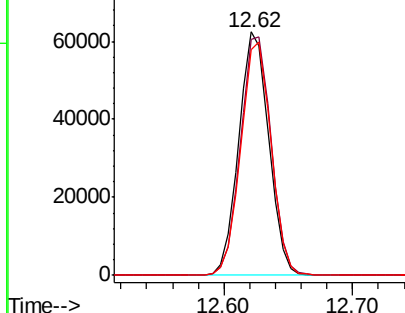
#62
4-Bromofluorobenzene
Concen: 25.647 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006743.D
Acq: 07 Nov 2018 18:16

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	192.4
176	95.9	0.0	187.4

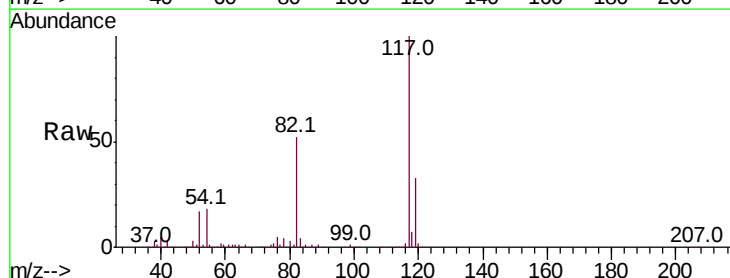


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

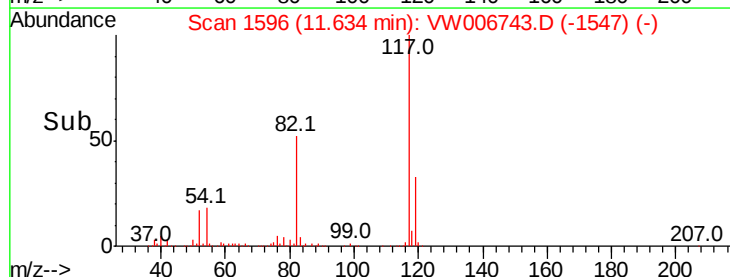
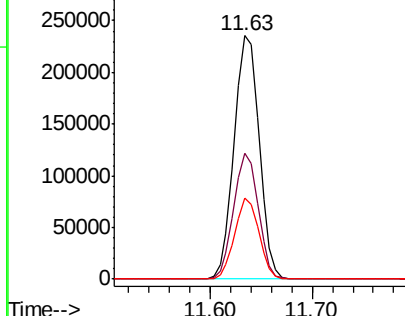


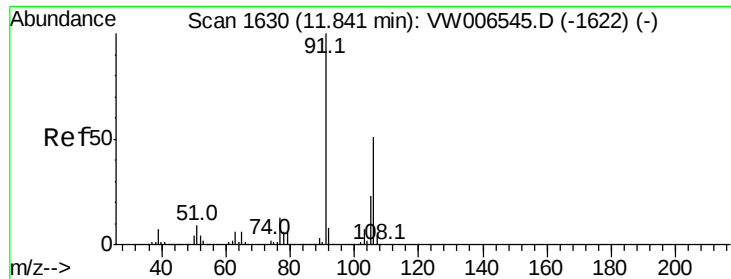
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006743.D
Acq: 07 Nov 2018 18:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.8	61.2
119	33.2	26.1	39.1



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW





#68

m/p-Xvlenes

Concen: 1.662 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006743.D

Acq: 07 Nov 2018 18:16

Instrument :

MSVOA_W

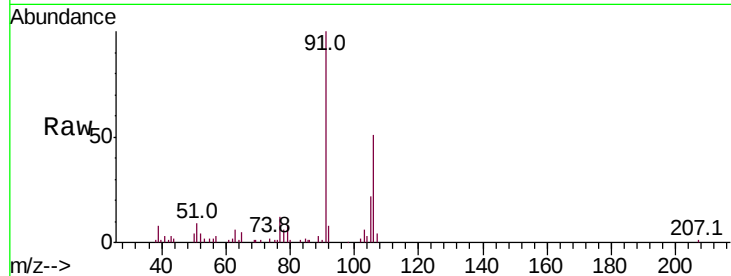
ClientSampleId :

Tot Ion:106 Resp: 9341

Ion Ratio Lower Upper

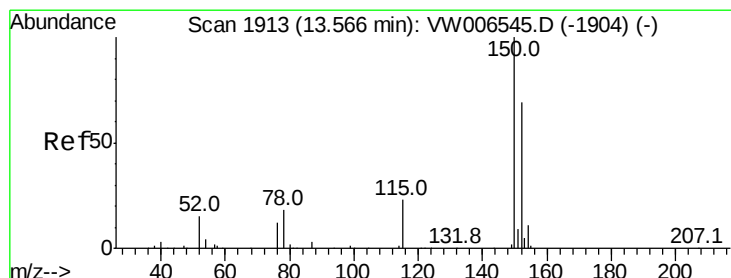
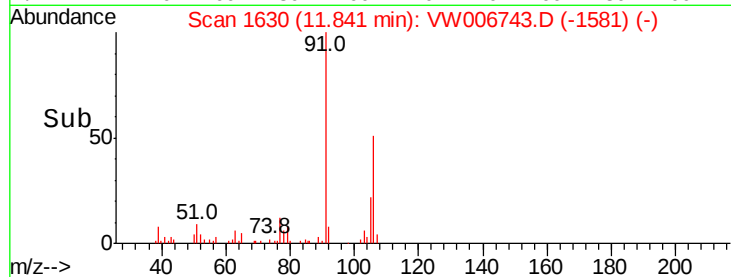
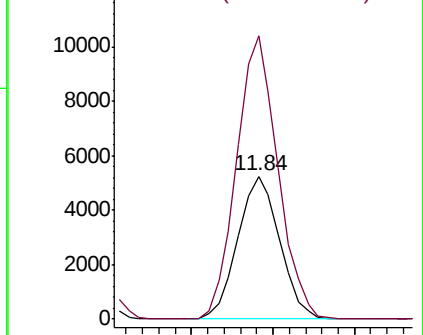
106 100

91 195.9 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006743.D

Acq: 07 Nov 2018 18:16

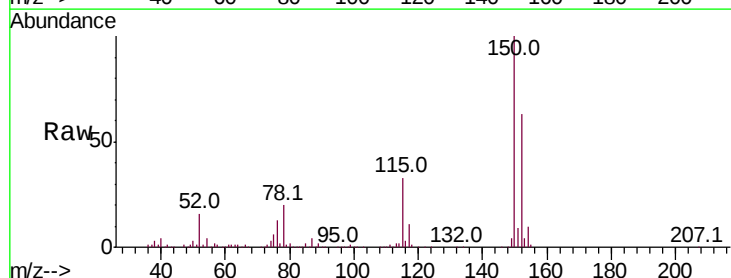
Tgt Ion:152 Resp: 178143

Ion Ratio Lower Upper

152 100

115 54.7 26.6 79.8

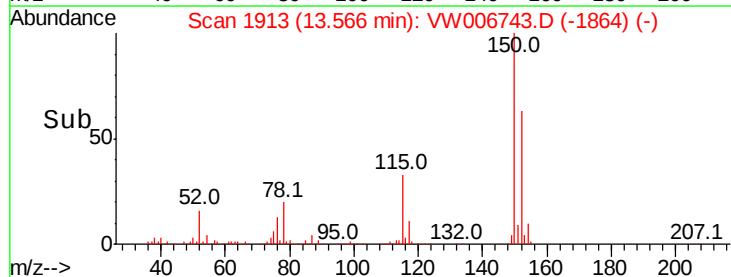
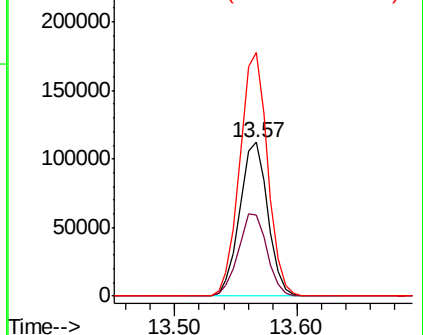
150 157.0 0.0 344.6

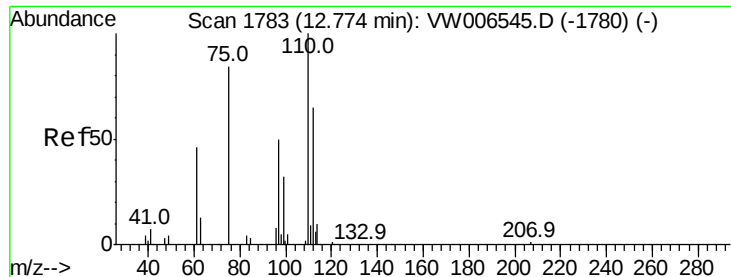


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.806 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006743.D

Acq: 07 Nov 2018 18:16

Instrument :

MSVOA_W

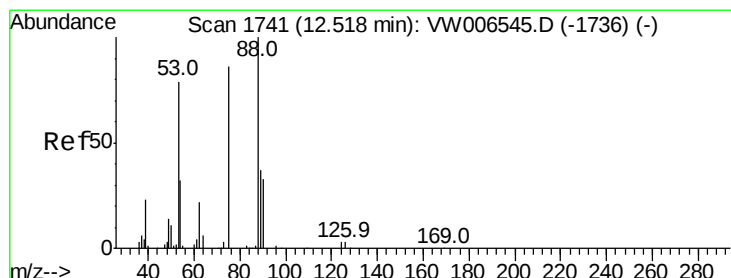
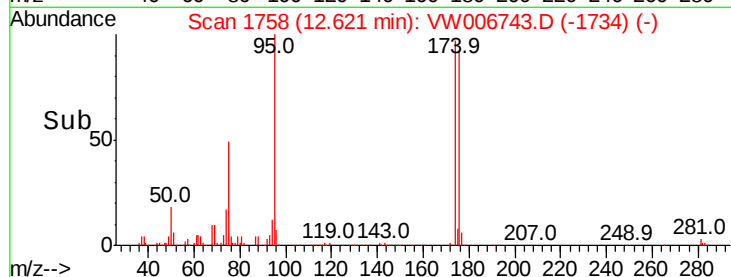
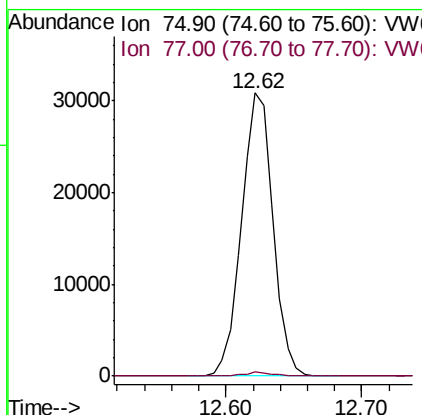
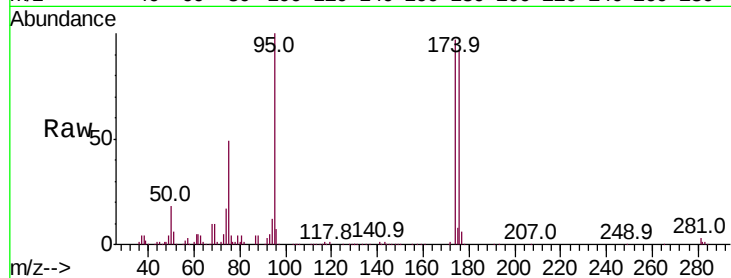
ClientSampleId :

Tot Ion: 75 Resp: 49767

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.453 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006743.D

Acq: 07 Nov 2018 18:16

Tgt Ion: 75 Resp: 49767

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

