

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006645.D
 Acq On : 05 Nov 2018 19:07
 Operator : SY/AP
 Sample : J5700-05RE
 Misc : 6.43G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SI-5

Quant Time: Nov 06 01:59:01 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	196029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	109561	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	76443	45.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.74%	
35) Dibromofluoromethane	7.88	113	76324	43.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.18%	
50) Toluene-d8	10.33	98	251040	37.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.46%	
62) 4-Bromofluorobenzene	12.62	95	79890	32.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.36%	

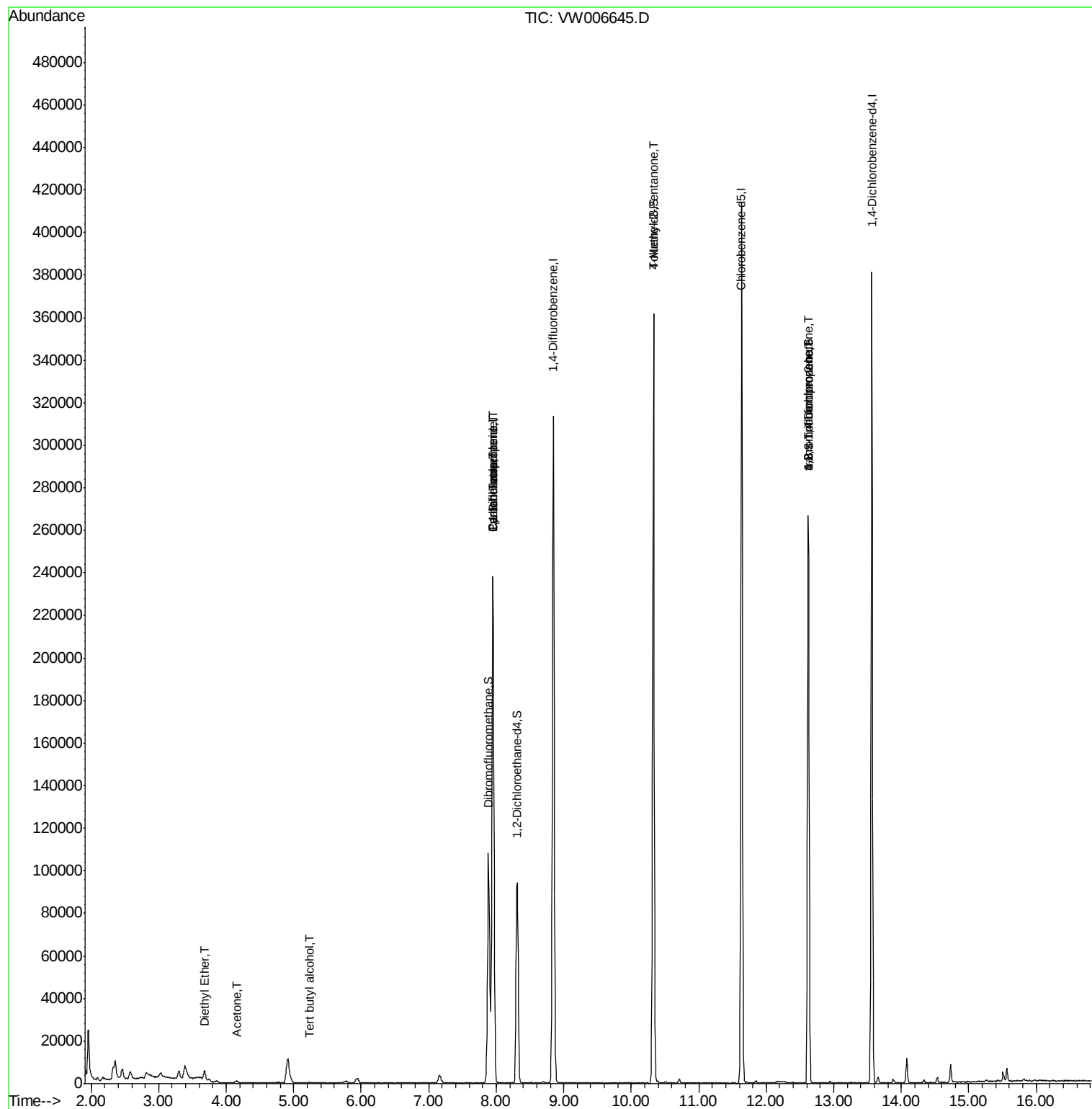
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2857	3.371	ug/l	89
11) Tert butyl alcohol	5.23	59	454	5.001	ug/l #	84
16) Acetone	4.16	43	1799	6.613	ug/l	91
20) Methylene Chloride	4.92	84	9972	Below Cal		88
31) Cyclohexane	7.95	56	3302	1.230	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	12009	4.838	ug/l #	49
38) Carbon Tetrachloride	7.95	117	16777	6.468	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1009	1.145	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	39284	45.956	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39284	115.339	ug/l #	11

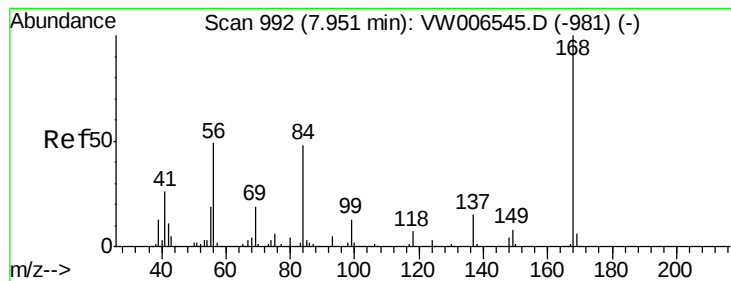
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
Data File : VW006645.D
Acq On : 05 Nov 2018 19:07
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Misc : 6.43G/5ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

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Quant Time: Nov 06 01:59:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
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: VW006645.D

Acq: 05 Nov 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

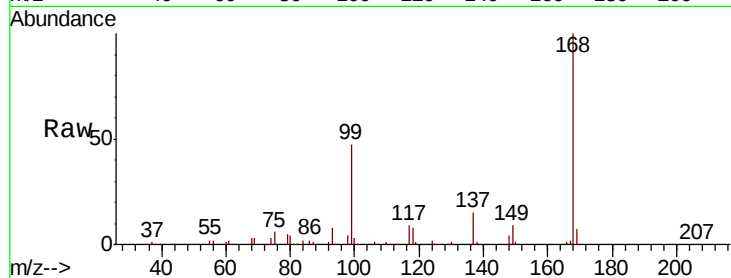
SI-5

Tgt Ion:168 Resp: 196029

Ion Ratio Lower Upper

168 100

99 46.8 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

100000

80000

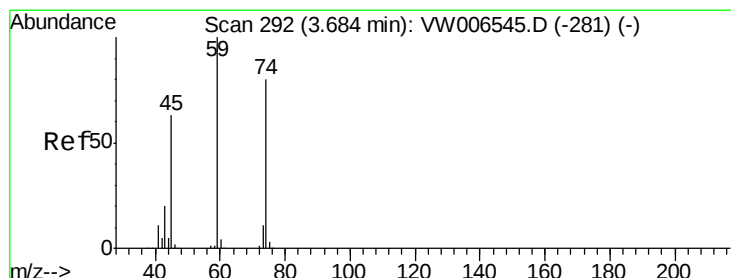
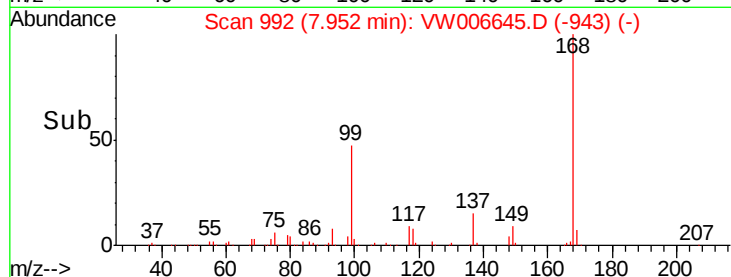
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 3.371 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006645.D

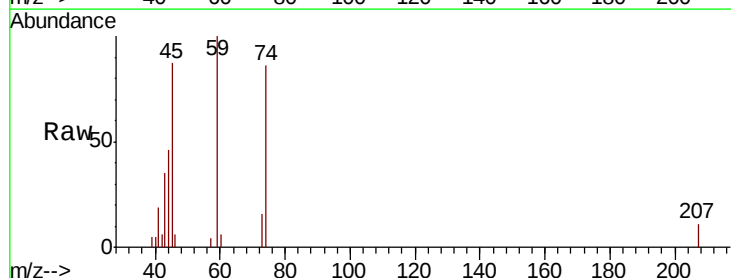
Acq: 05 Nov 2018 19:07

Tgt Ion: 74 Resp: 2857

Ion Ratio Lower Upper

74 100

45 92.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

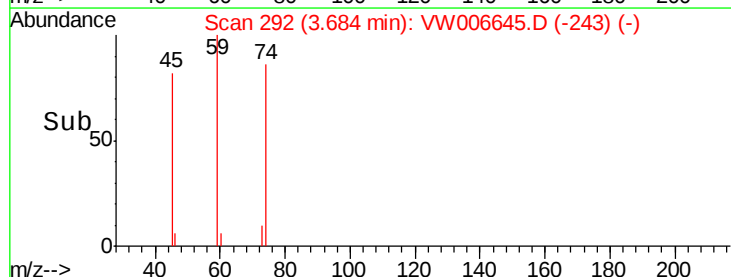
3.68

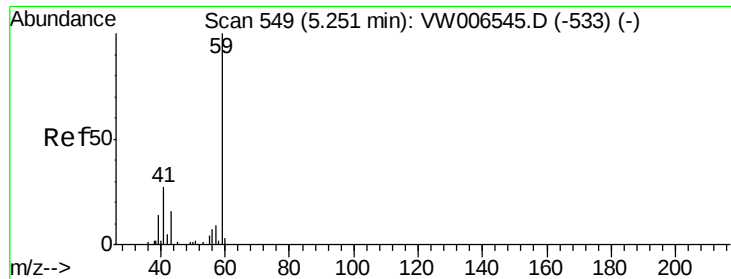
1000

500

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Time-->



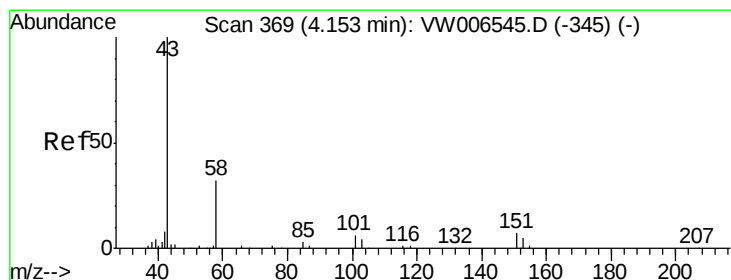
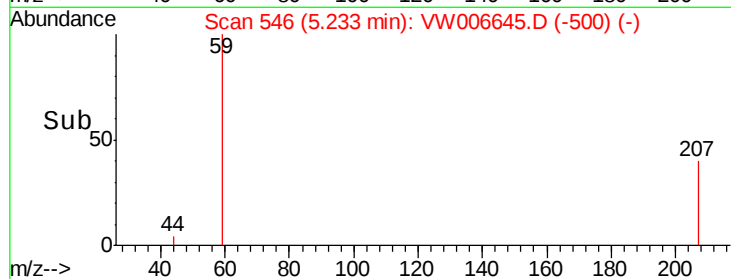
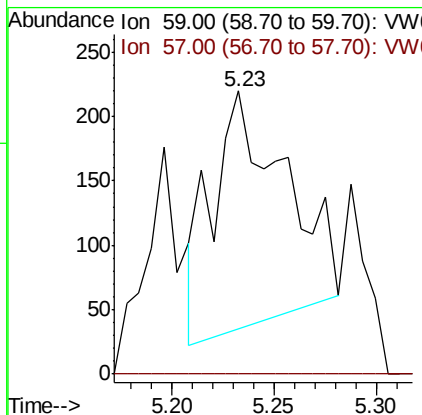
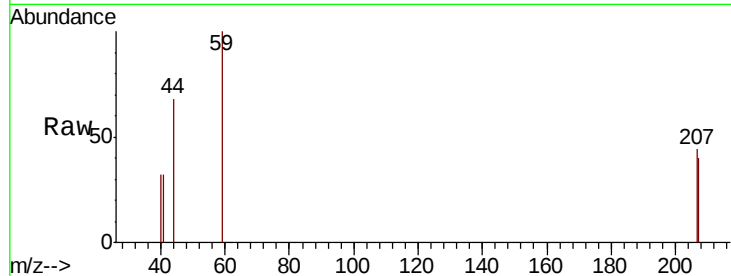


#11

Tert butyl alcohol
Concen: 5.001 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006645.D
Acq: 05 Nov 2018 19:07

Instrument :
MSVOA_W
ClientSampled :
SI-5

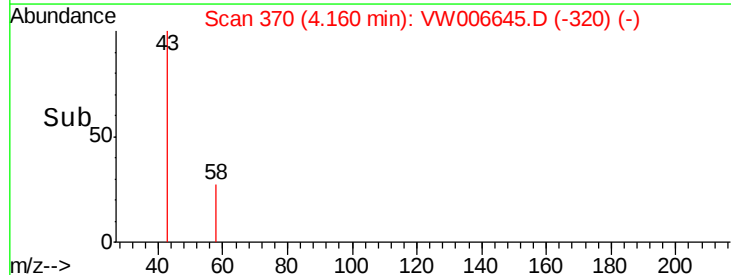
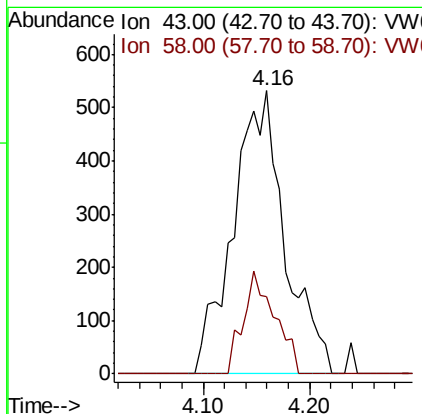
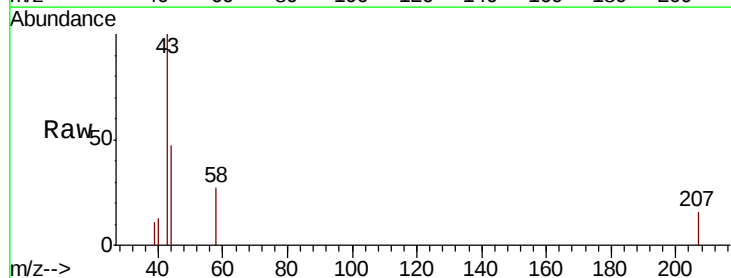
Tgt Ion: 59 Resp: 454
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

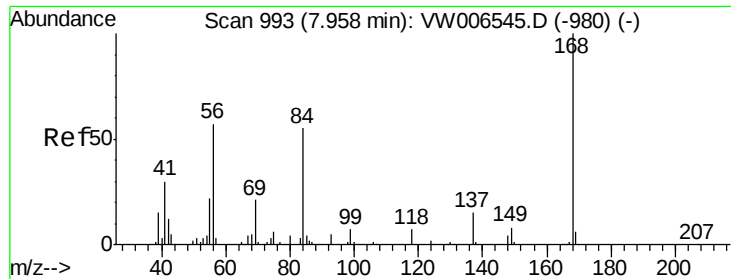


#16

Acetone
Concen: 6.613 ug/l
RT: 4.16 min Scan# 370
Delta R.T. 0.01 min
Lab File: VW006645.D
Acq: 05 Nov 2018 19:07

Tgt Ion: 43 Resp: 1799
Ion Ratio Lower Upper
43 100
58 27.4 25.8 38.8

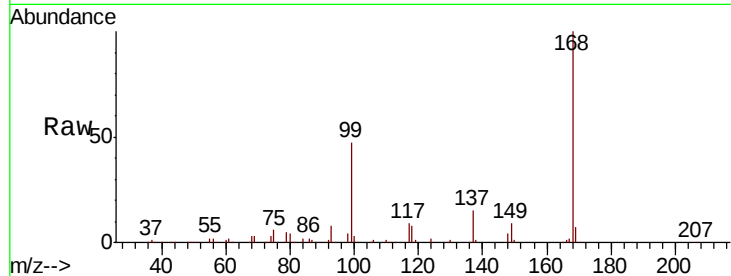




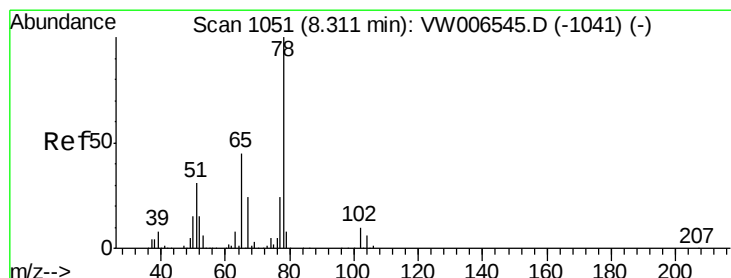
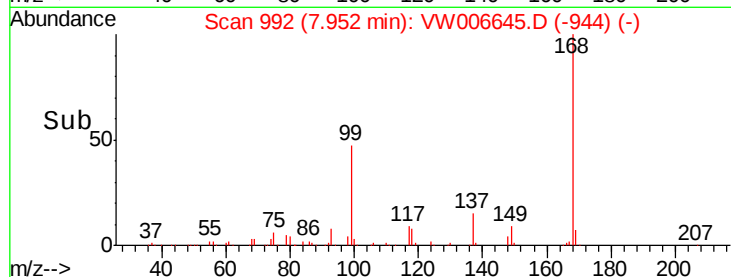
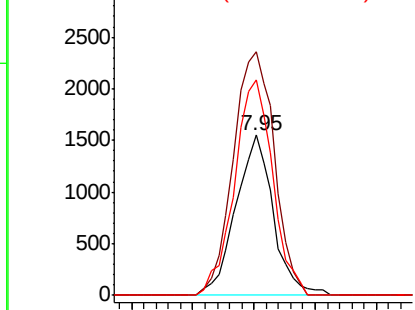
#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006645.D
Acq: 05 Nov 2018 19:07

Instrument :
MSVOA_W
ClientSampled :
SI-5

Tgt Ion: 56 Resp: 3302
Ion Ratio Lower Upper
56 100
69 152.1 29.0 43.4#
84 134.5 77.8 116.6#

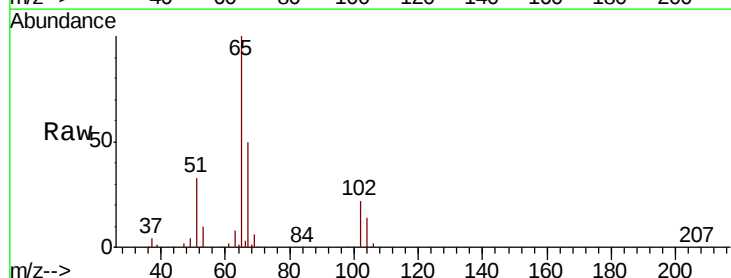


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

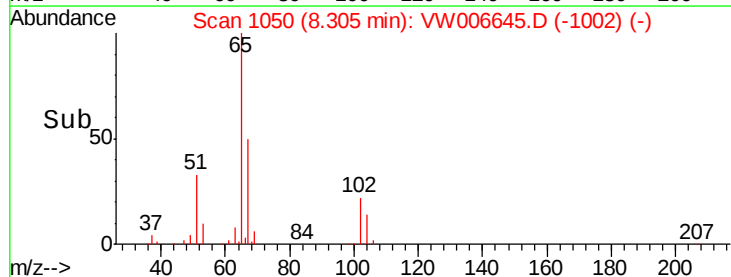
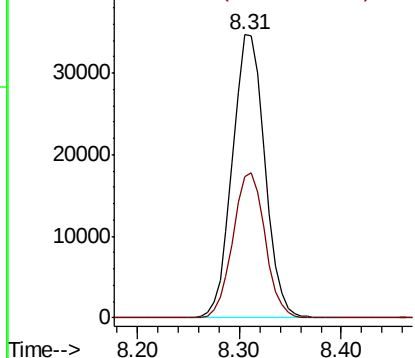


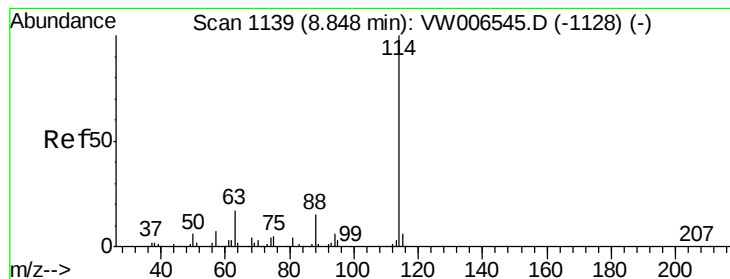
#33
1,2-Dichloroethane-d4
Concen: 45.365 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006645.D
Acq: 05 Nov 2018 19:07

Tgt Ion: 65 Resp: 76443
Ion Ratio Lower Upper
65 100
67 50.9 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: VW006645.D

Acq: 05 Nov 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

SI-5

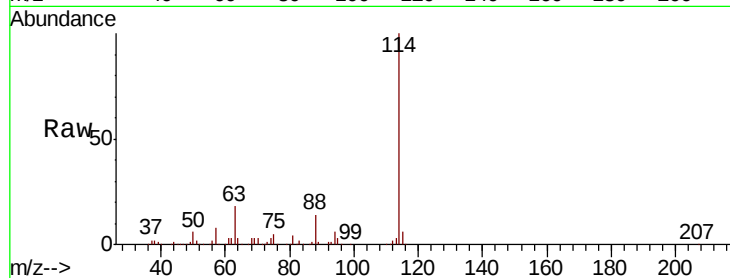
Tgt Ion:114 Resp: 282263

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

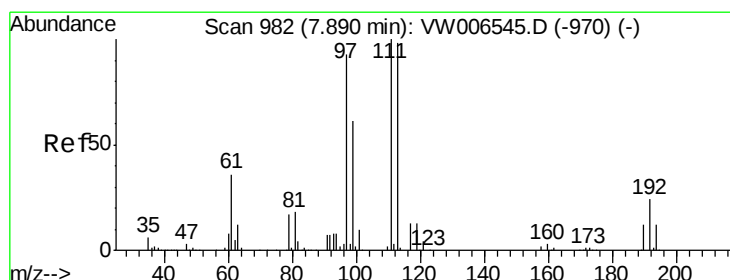
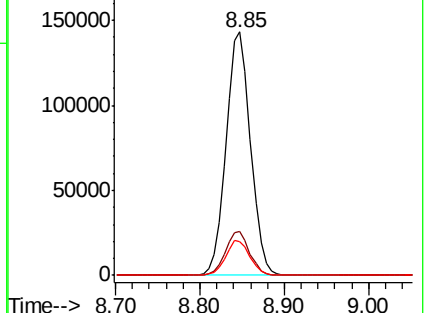
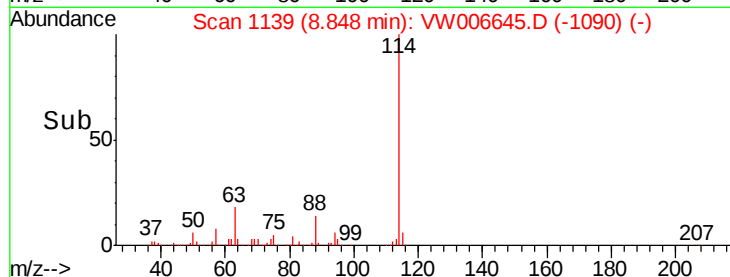
88 14.0 0.0 29.0



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: 43.086 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006645.D

Acq: 05 Nov 2018 19:07

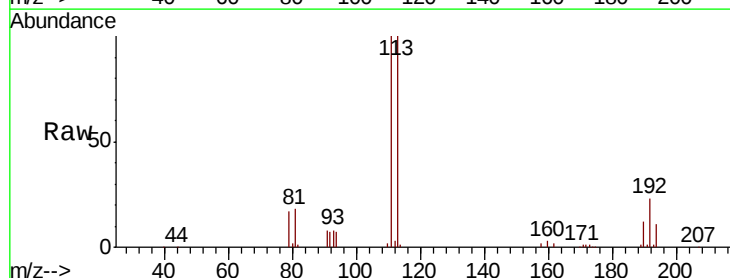
Tgt Ion:113 Resp: 76324

Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.2

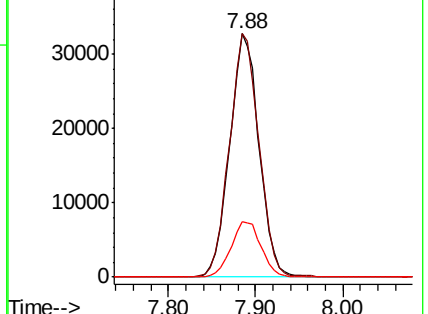
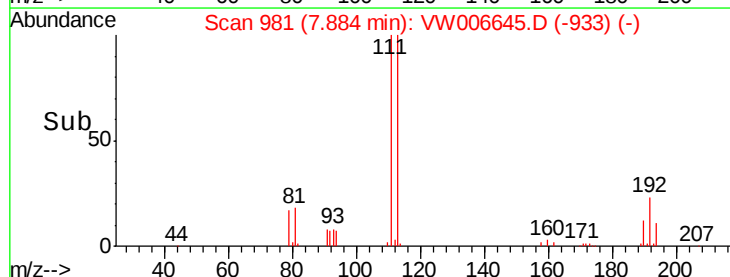
192 23.3 19.0 28.6

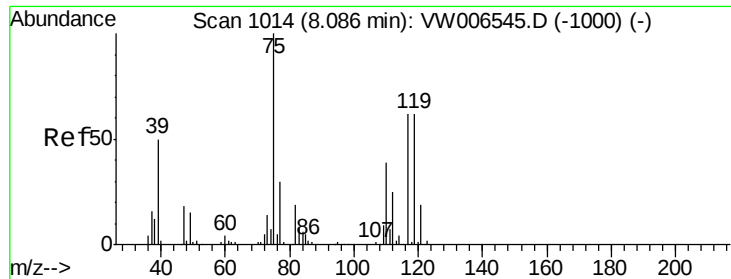


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

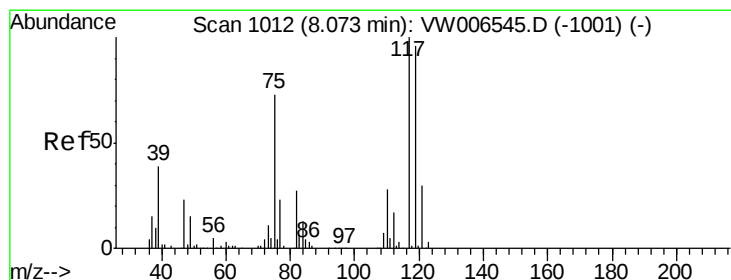
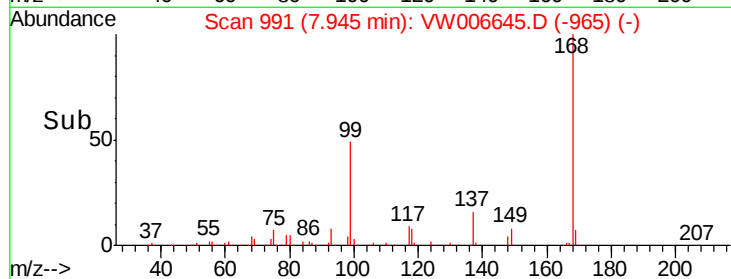
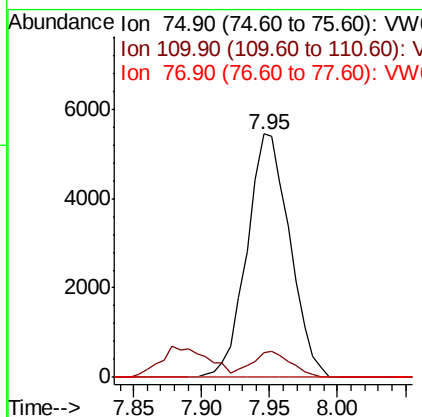
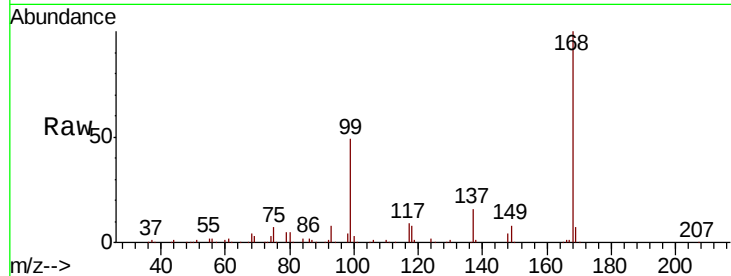




#36
 1,1-Dichloropropene
 Concen: 4.838 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006645.D
 Acq: 05 Nov 2018 19:07

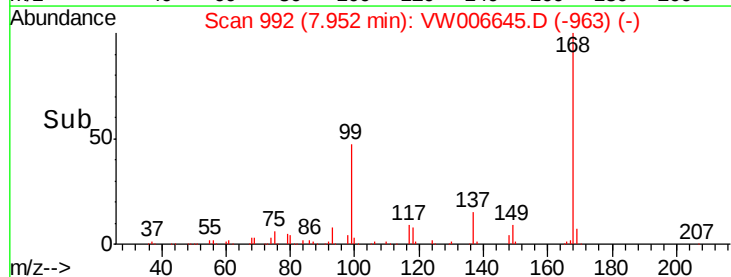
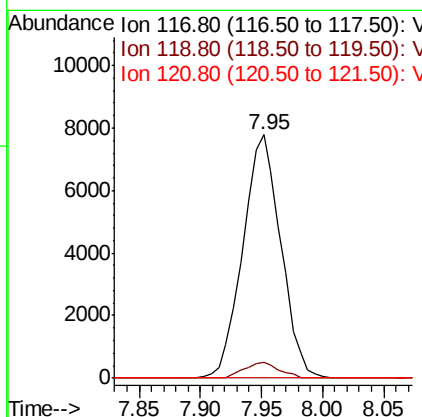
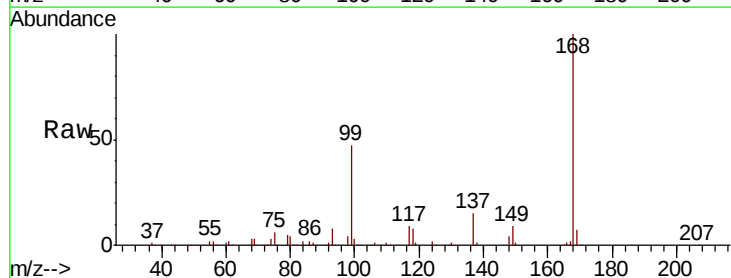
Instrument :
 MSVOA_W
 ClientSampled :
 SI-5

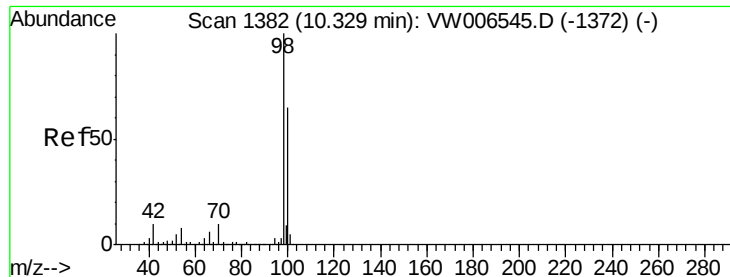
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.468 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006645.D
 Acq: 05 Nov 2018 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 37.227 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006645.D

Acq: 05 Nov 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

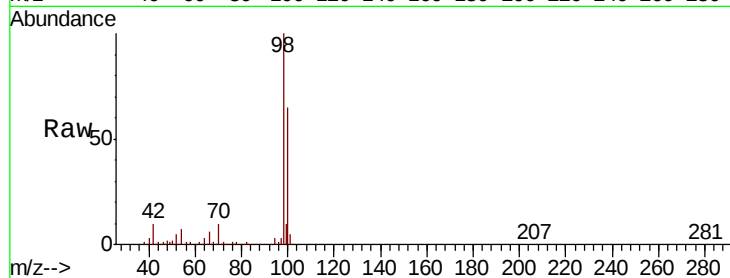
SI-5

Tgt Ion: 98 Resp: 251040

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

10.33

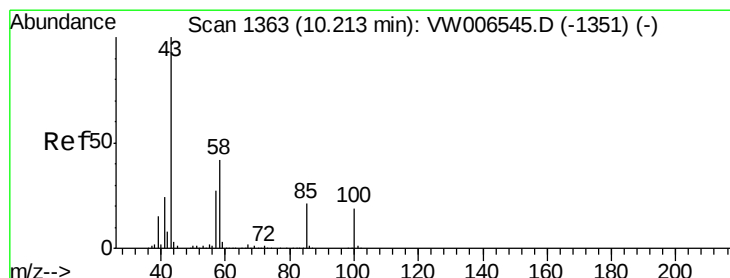
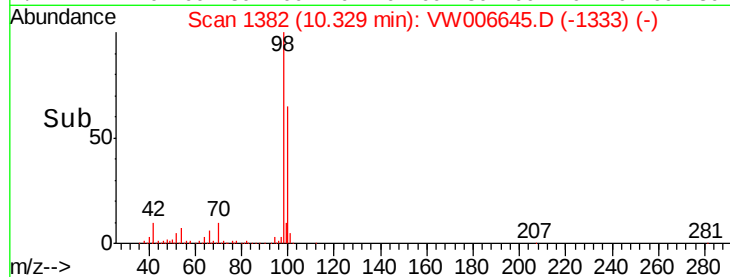
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.145 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006645.D

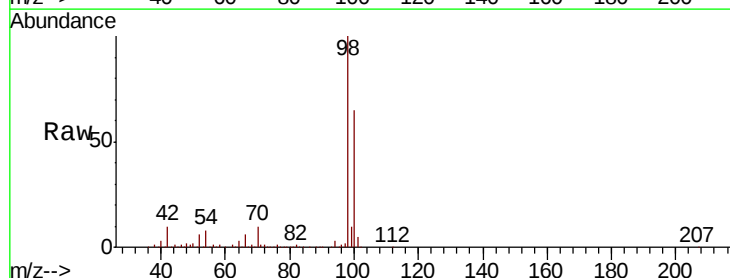
Acq: 05 Nov 2018 19:07

Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

58 186.4 33.4 50.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

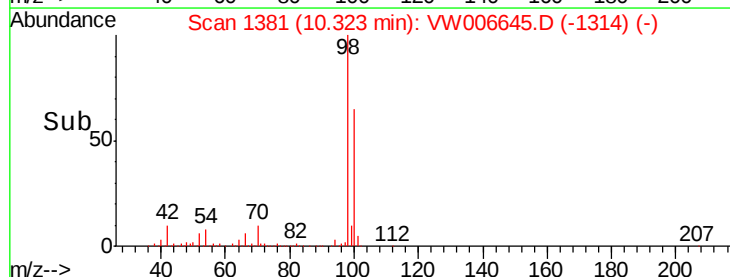
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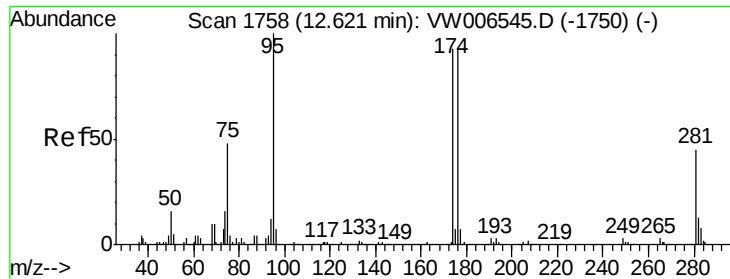
1000

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Time-->

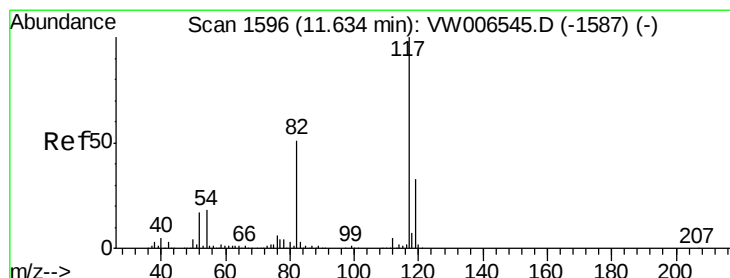
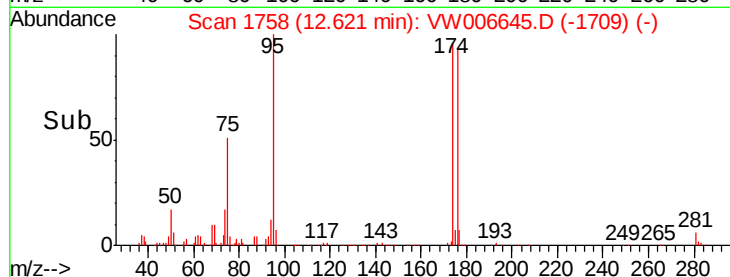
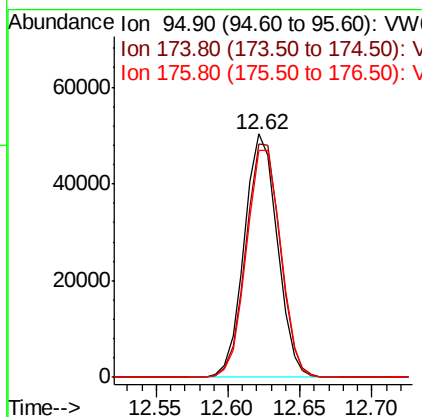
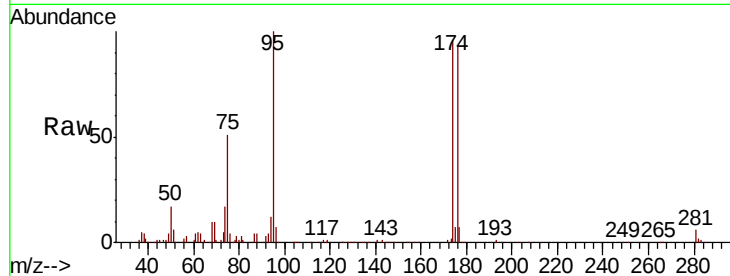




#62
 4-Bromofluorobenzene
 Concen: 32.678 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006645.D
 Acq: 05 Nov 2018 19:07

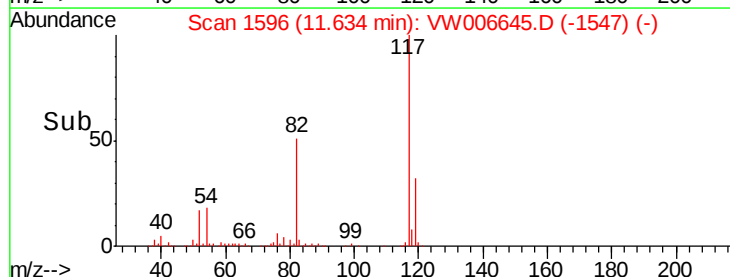
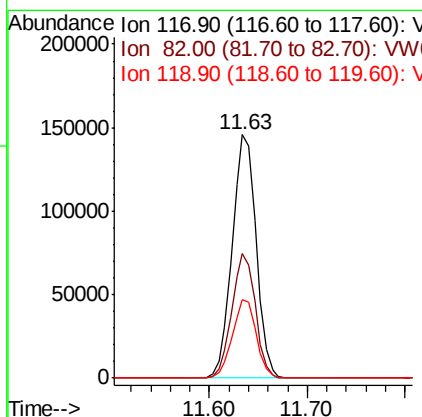
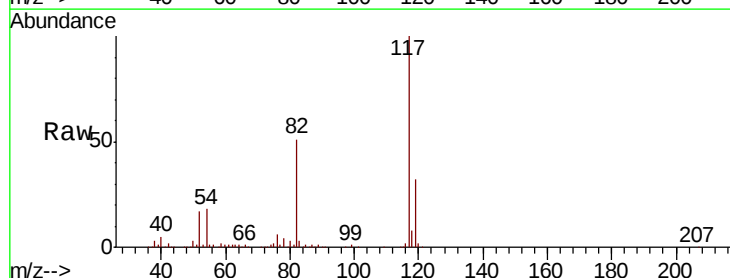
Instrument :
 MSVOA_W
 ClientSampleId :
 SI-5

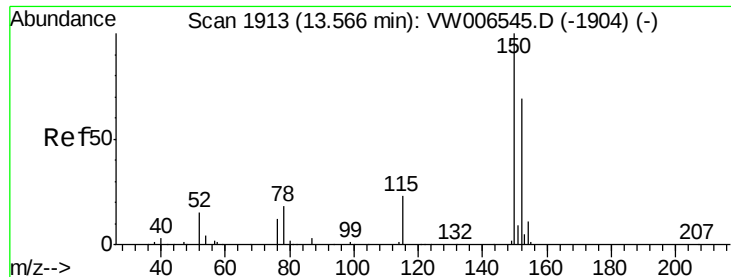
Tgt Ion: 95 Resp: 79890
 Ion Ratio Lower Upper
 95 100
 174 99.5 0.0 192.4
 176 97.1 0.0 187.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VW006645.D
 Acq: 05 Nov 2018 19:07

Tgt Ion: 117 Resp: 247818
 Ion Ratio Lower Upper
 117 100
 82 51.2 40.8 61.2
 119 32.2 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: VW006645.D

Acq: 05 Nov 2018 19:07

Instrument :

MSVOA_W

ClientSampled :

SI-5

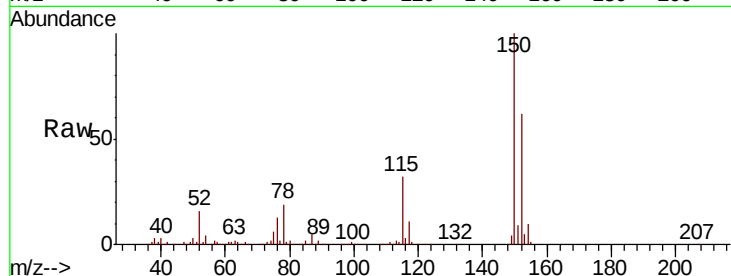
Tgt Ion:152 Resp: 109561

Ion Ratio Lower Upper

152 100

115 52.8 26.6 79.8

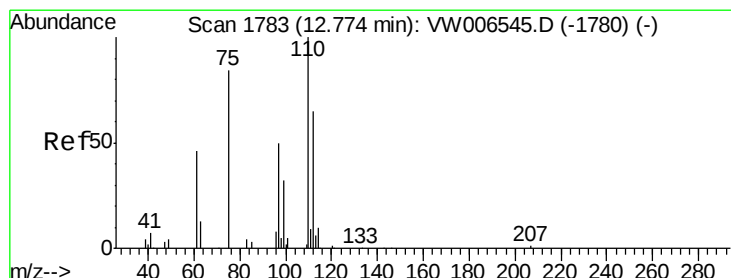
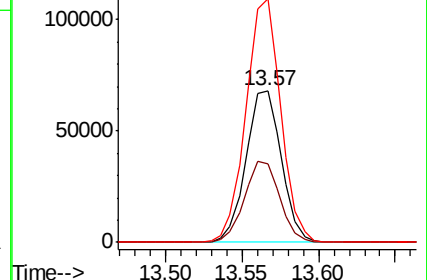
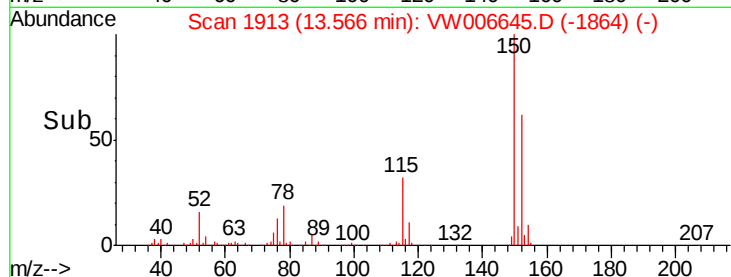
150 157.2 0.0 344.6



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: 45.956 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006645.D

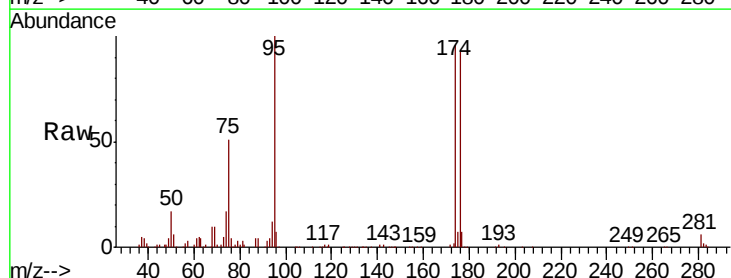
Acq: 05 Nov 2018 19:07

Tgt Ion: 75 Resp: 39284

Ion Ratio Lower Upper

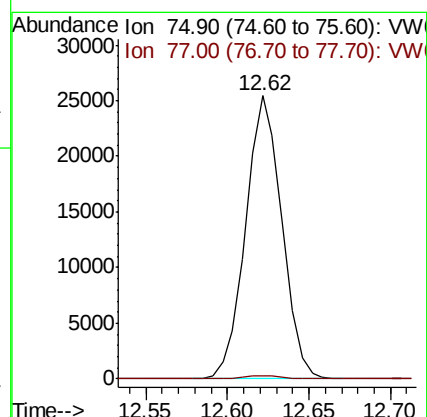
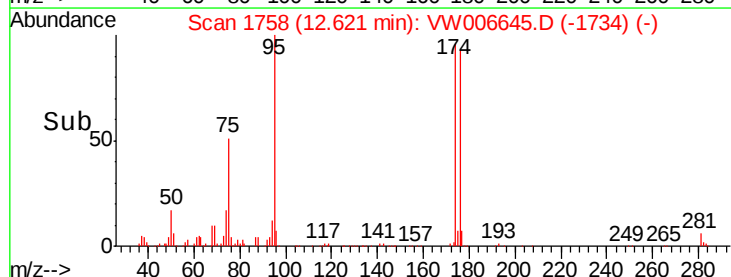
75 100

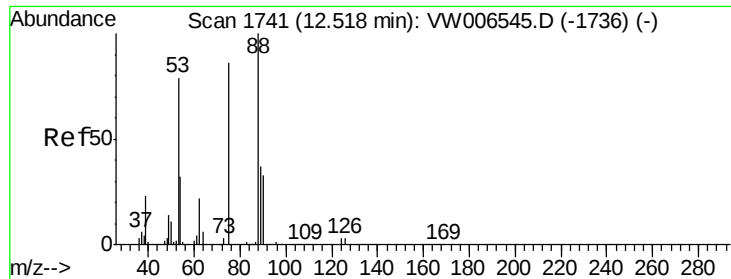
77 1.1 0.0 0.0#



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: 115.339 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006645.D

Acq: 05 Nov 2018 19:07

Instrument :

MSVOA_W

ClientSampleId :

SI-5

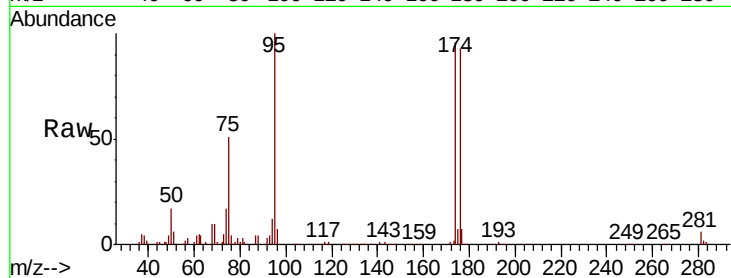
Tgt Ion: 75 Resp: 39284

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 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

