

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006745.D
 Acq On : 07 Nov 2018 19:08
 Operator : SY/AP
 Sample : J5745-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:49:33 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

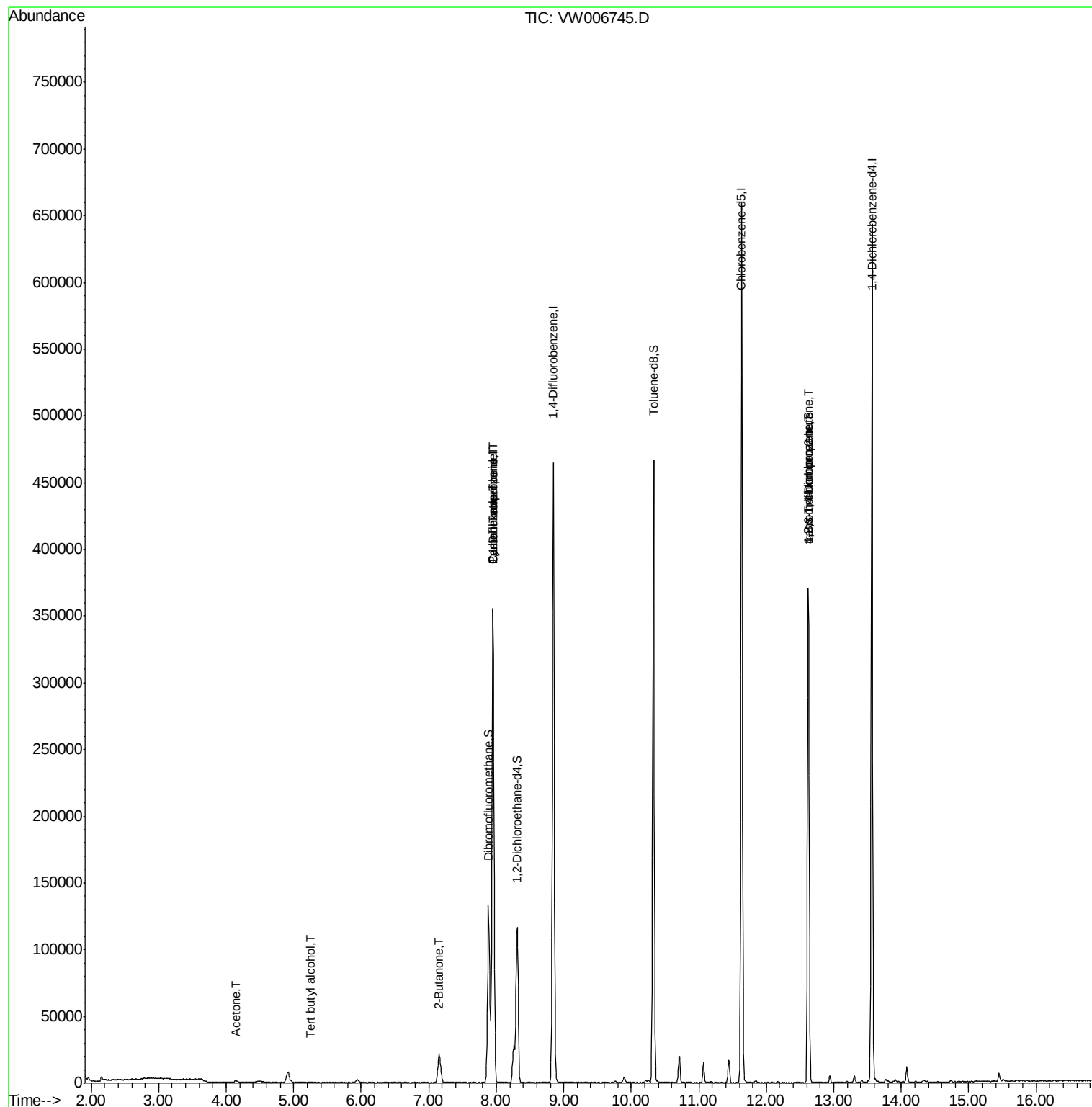
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	290026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93518	37.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.02%	
35) Dibromofluoromethane	7.89	113	95261	35.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.58%	
50) Toluene-d8	10.33	98	316907	31.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.56%	
62) 4-Bromofluorobenzene	12.62	95	104812	28.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	164	1.221	ug/l #	84
16) Acetone	4.14	43	3123	7.759	ug/l	93
20) Methylene Chloride	4.92	84	6894	Below Cal		94
25) 2-Butanone	7.15	43	1108	1.929	ug/l #	46
31) Cyclohexane	7.95	56	4694	1.182	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	17952	4.813	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25191	6.464	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	51633	36.152	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51633	91.301	ug/l #	11

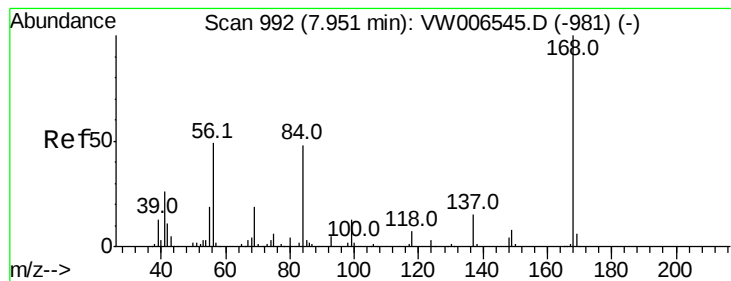
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006745.D

Acq: 07 Nov 2018 19:08

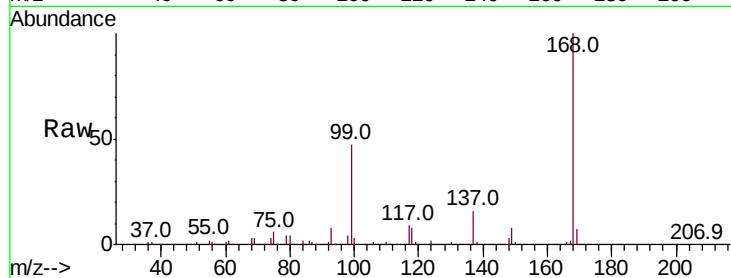
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 290026

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

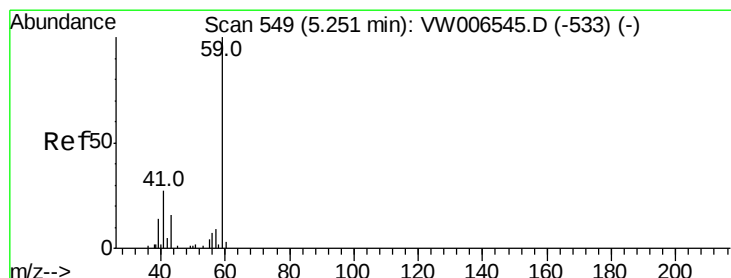
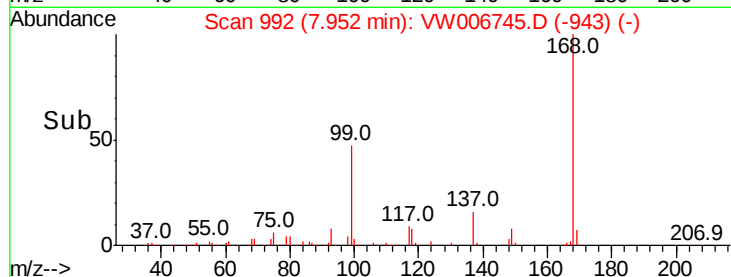
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.221 ug/l

RT: 5.24 min Scan# 548

Delta R.T. -0.01 min

Lab File: VW006745.D

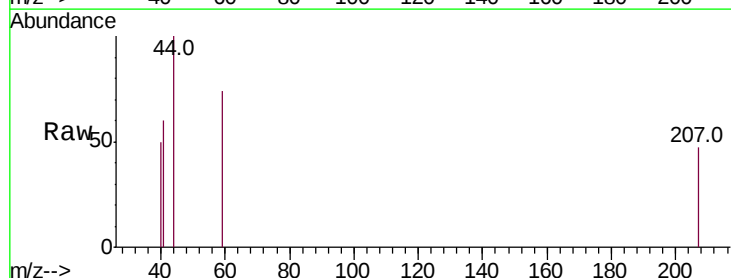
Acq: 07 Nov 2018 19:08

Tgt Ion: 59 Resp: 164

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

200

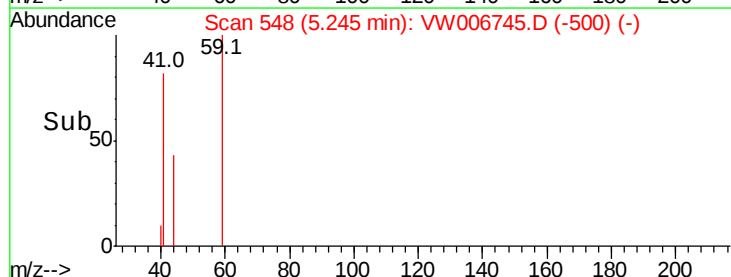
150

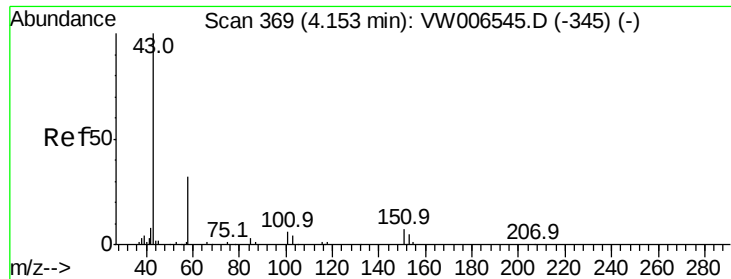
100

50

0

Time-->

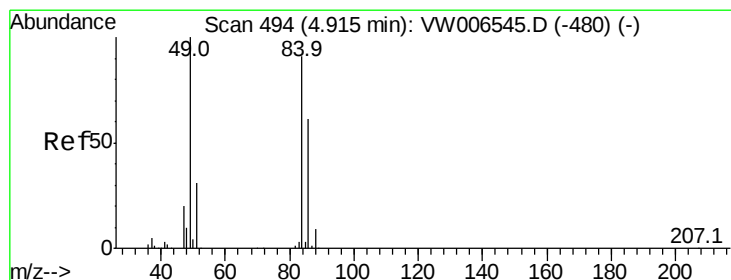
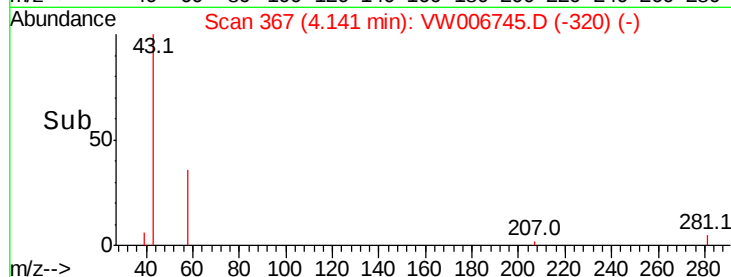
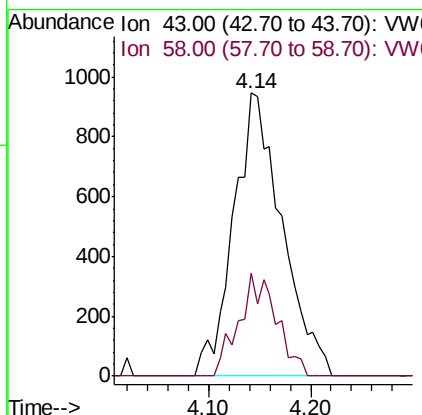
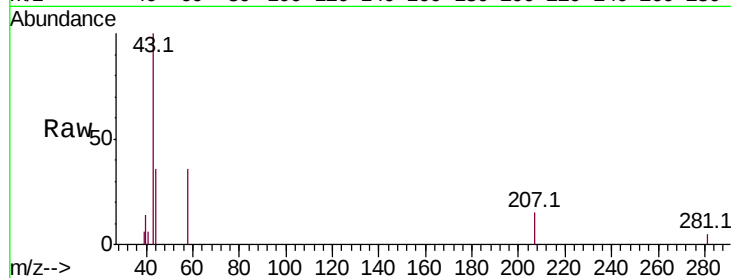




#16
Acetone
Concen: 7.759 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006745.D
Acq: 07 Nov 2018 19:08

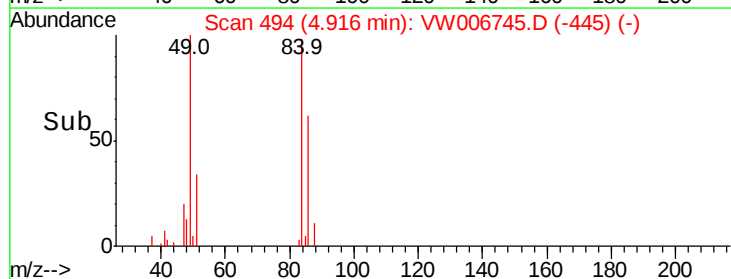
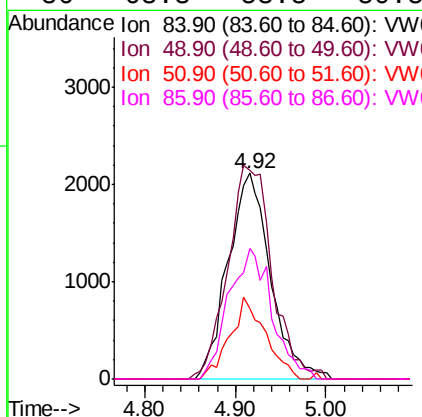
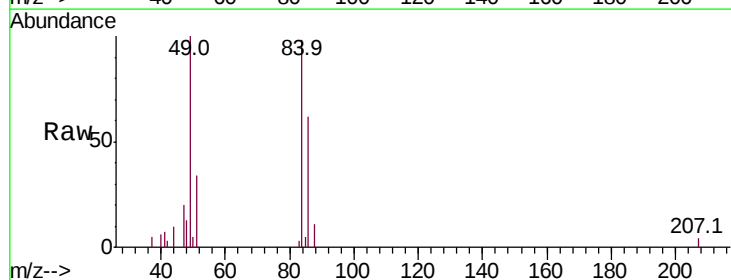
Instrument :
MSVOA_W
ClientSampled :

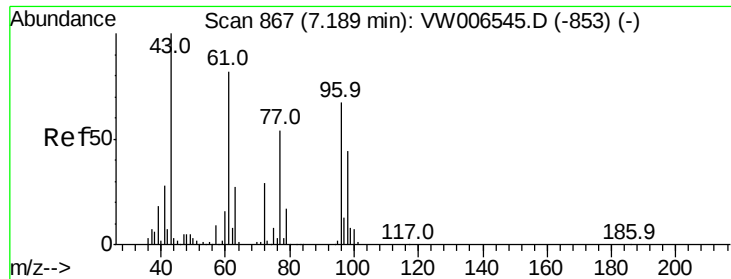
Tot Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
58 36.4 25.8 38.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006745.D
Acq: 07 Nov 2018 19:08

Tgt Ion: 84 Resp: 6894
Ion Ratio Lower Upper
84 100
49 101.6 88.2 132.4
51 34.4 27.0 40.6
86 63.3 53.8 80.8





#25

2-Butanone

Concen: 1.929 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: VW006745.D

Acq: 07 Nov 2018 19:08

Instrument :

MSVOA_W

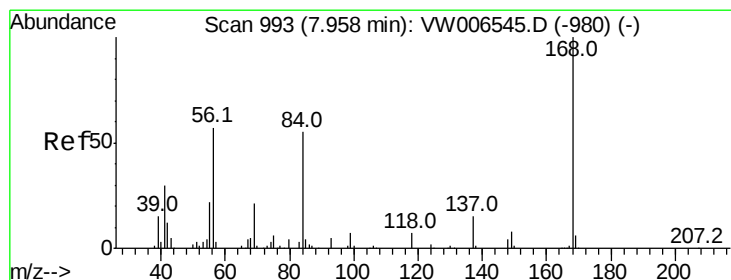
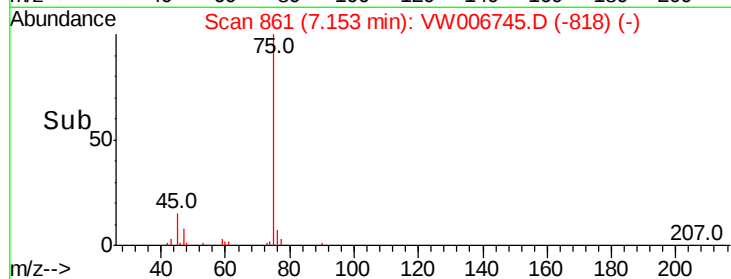
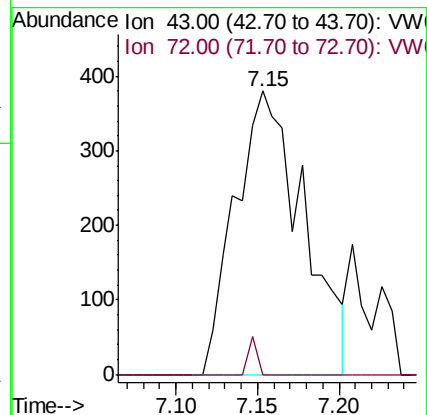
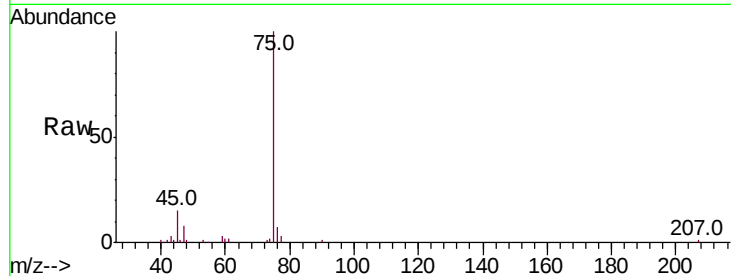
ClientSampleId :

Tot Ion: 43 Resp: 1108

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#31

Cyclohexane

Concen: 1.182 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006745.D

Acq: 07 Nov 2018 19:08

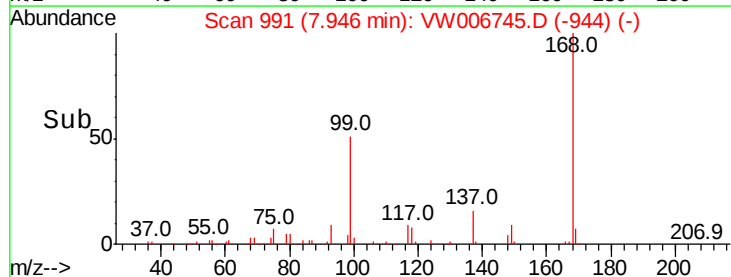
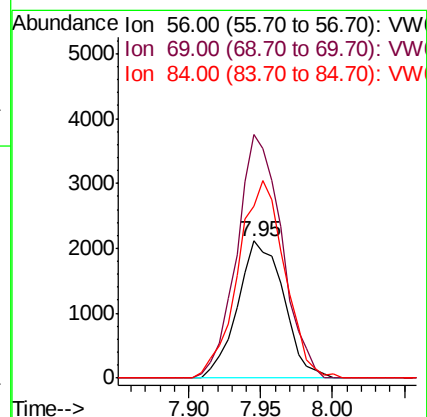
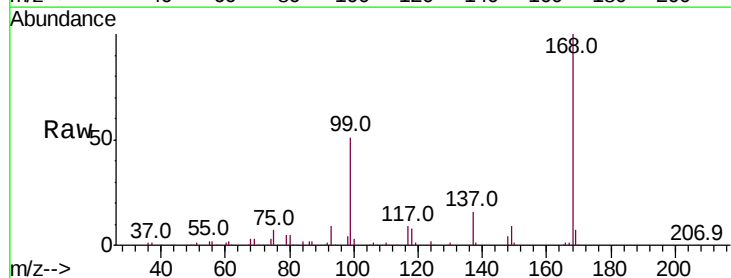
Tgt Ion: 56 Resp: 4694

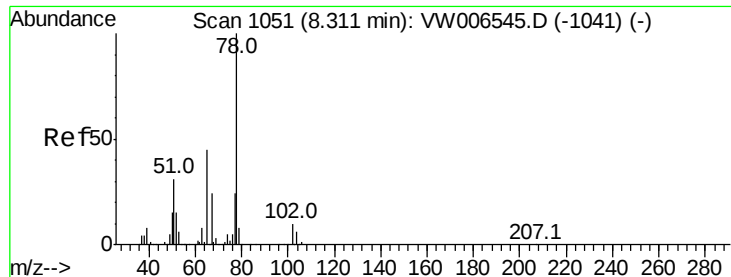
Ion Ratio Lower Upper

56 100

69 177.6 29.0 43.4#

84 125.1 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 37.512 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006745.D

Acq: 07 Nov 2018 19:08

Instrument :

MSVOA_W

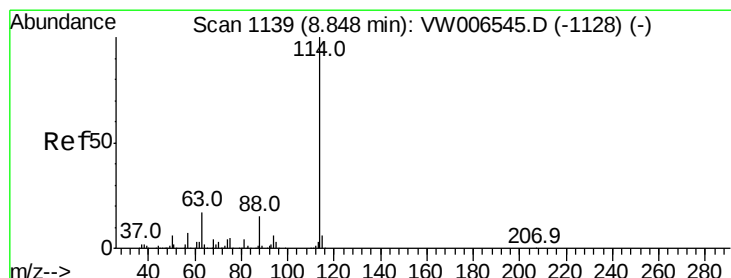
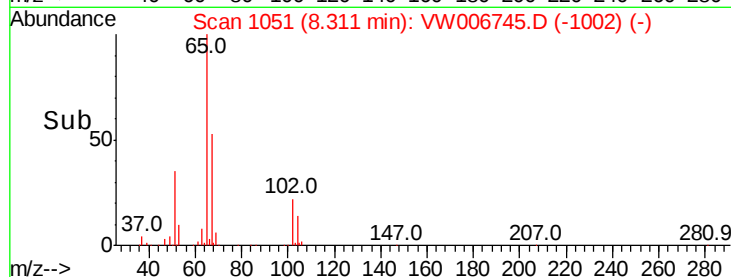
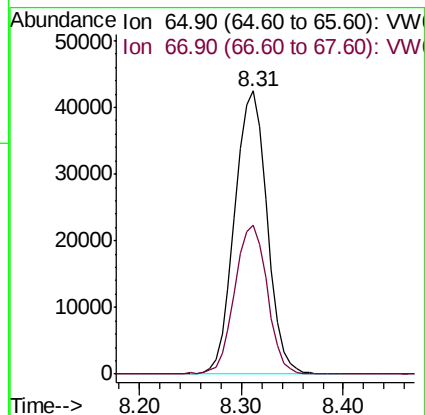
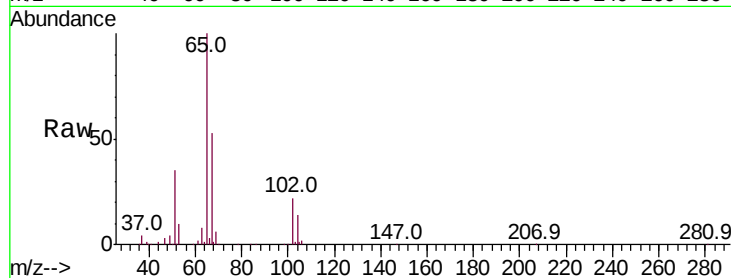
ClientSampleId :

Tot Ion: 65 Resp: 93518

Ion Ratio Lower Upper

65 100

67 53.0 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: VW006745.D

Acq: 07 Nov 2018 19:08

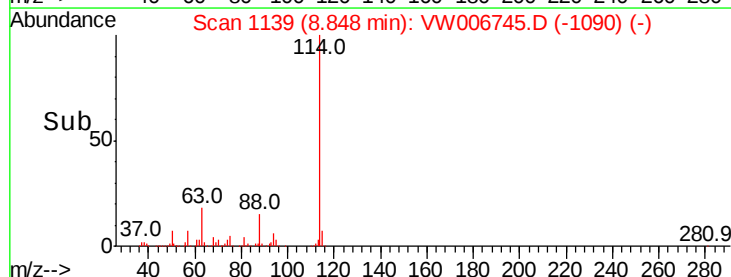
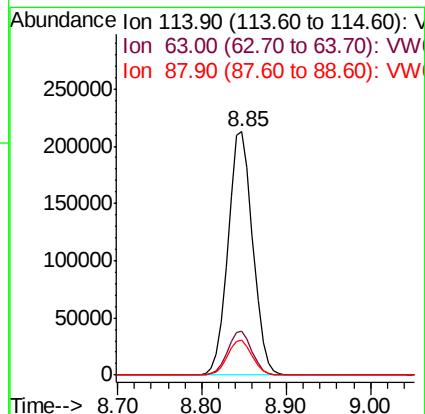
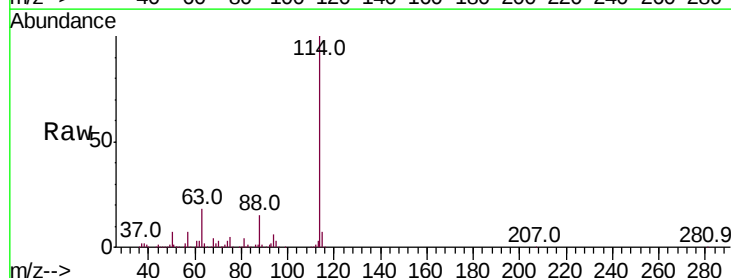
Tgt Ion: 114 Resp: 424134

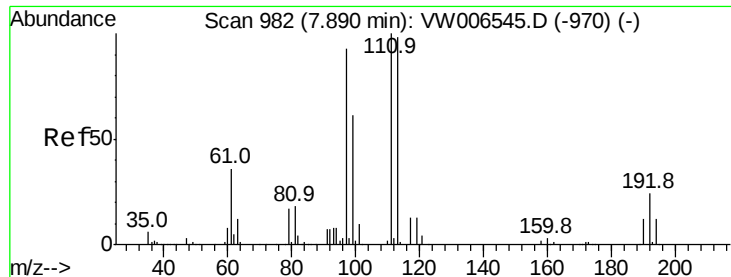
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.5 0.0 29.0

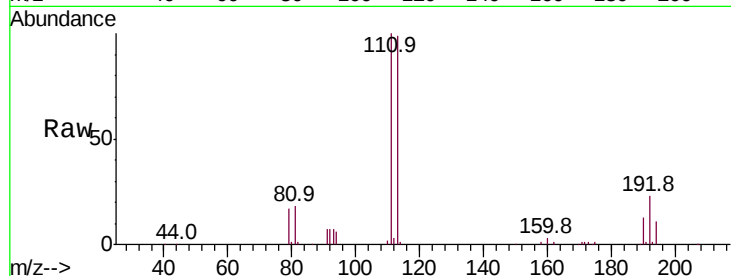




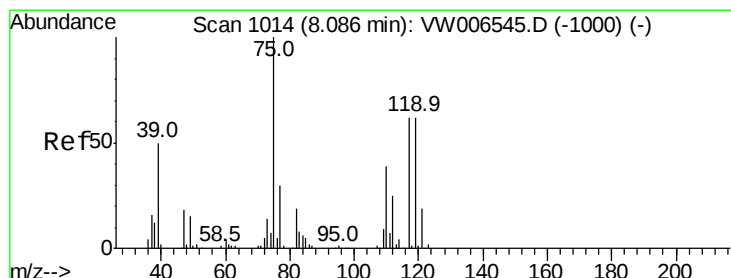
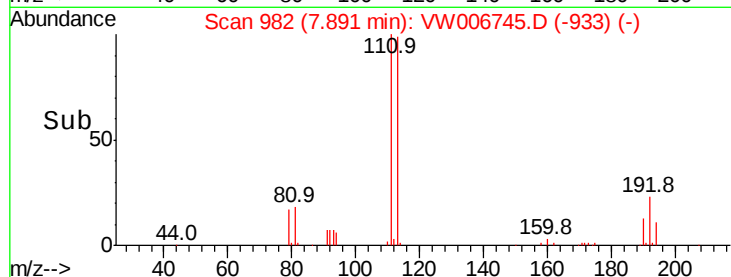
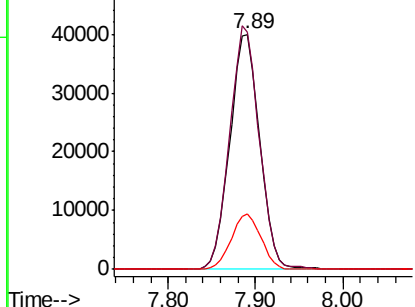
#35
 Dibromofluoromethane
 Concen: 35.789 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006745.D
 Acq: 07 Nov 2018 19:08

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 95261
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 23.2 19.0 28.6

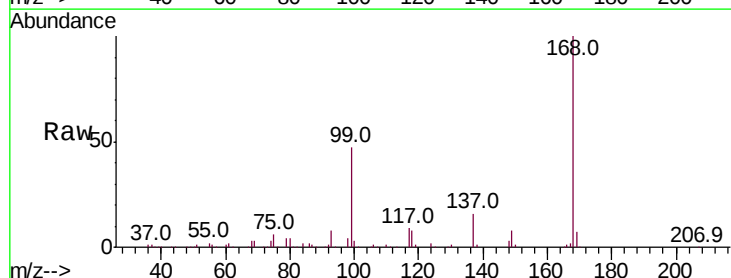


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

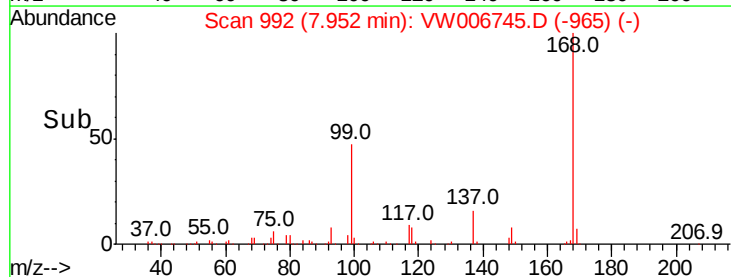
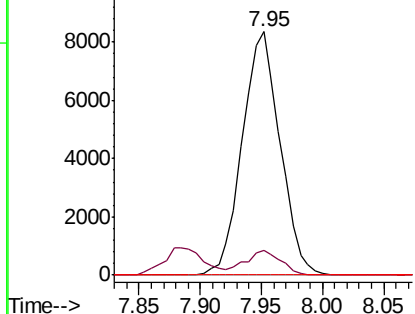


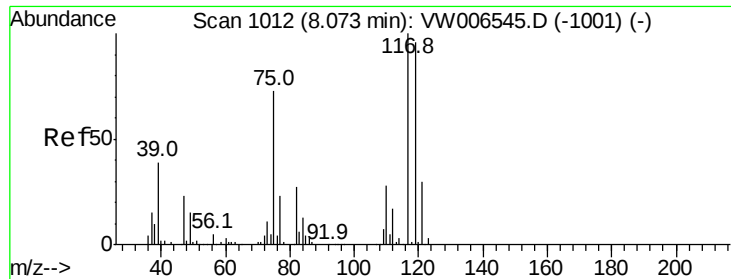
#36
 1,1-Dichloropropene
 Concen: 4.813 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006745.D
 Acq: 07 Nov 2018 19:08

Tgt Ion: 75 Resp: 17952
 Ion Ratio Lower Upper
 75 100
 110 9.6 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

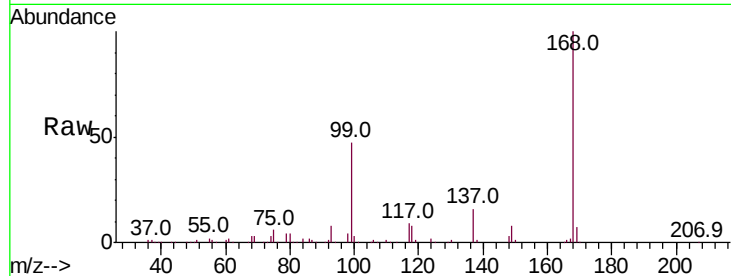




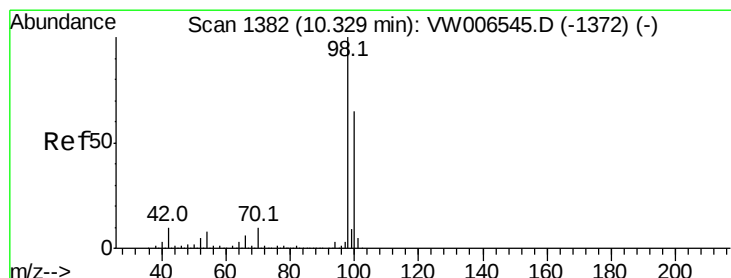
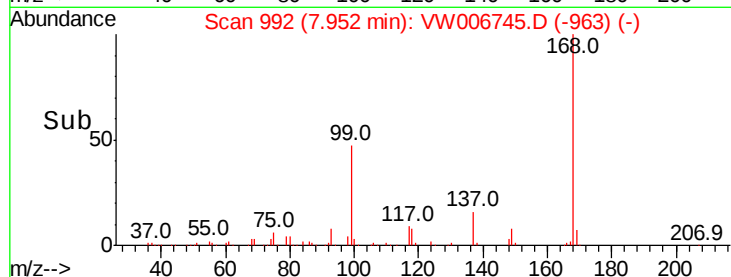
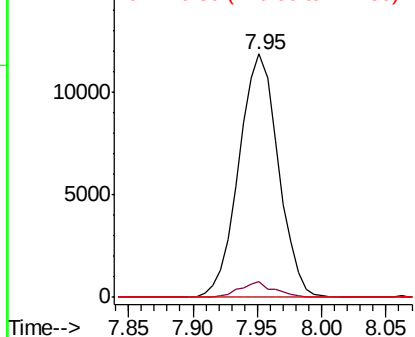
#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006745.D
Acq: 07 Nov 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 25191
Ion Ratio Lower Upper
117 100
119 6.3 76.3 114.5#
121 0.0 24.1 36.1#

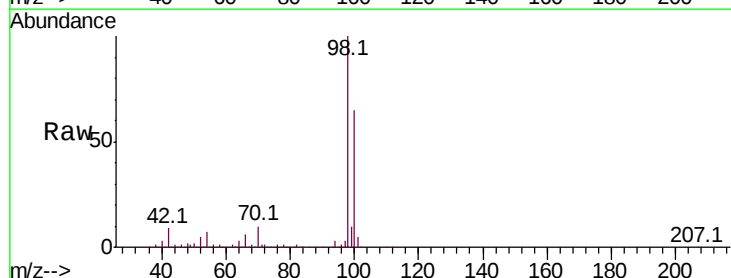


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

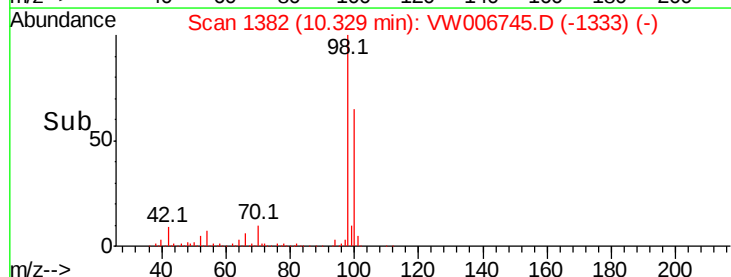
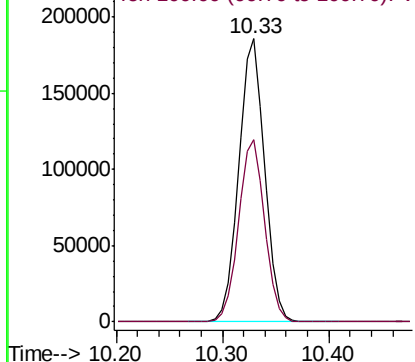


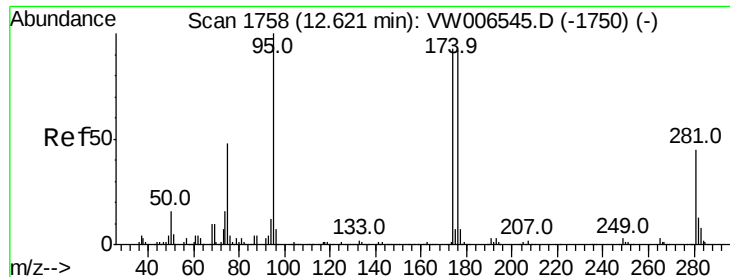
#50
Toluene-d8
Concen: 31.275 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006745.D
Acq: 07 Nov 2018 19:08

Tgt Ion: 98 Resp: 316907
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4



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





#62

4-Bromofluorobenzene

Concen: 28.531 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006745.D

Acq: 07 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

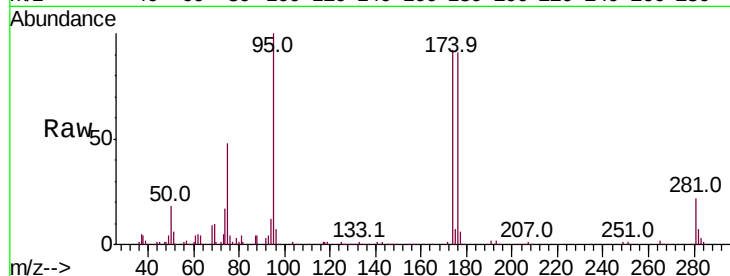
Tot Ion: 95 Resp: 104812

Ion Ratio Lower Upper

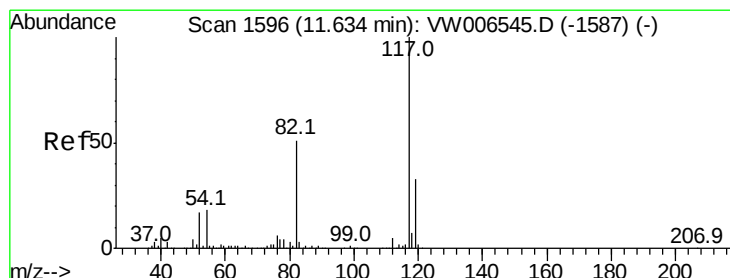
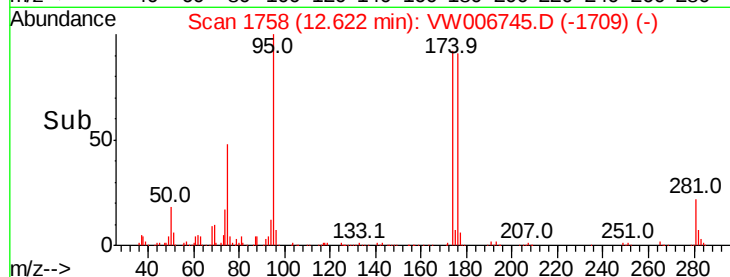
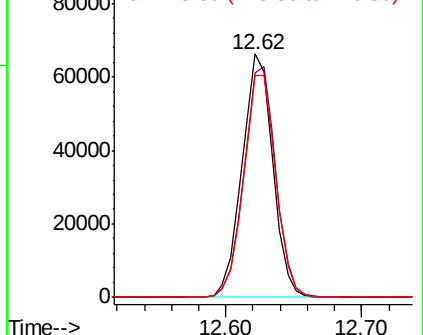
95 100

174 98.0 0.0 192.4

176 95.0 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: VW006745.D

Acq: 07 Nov 2018 19:08

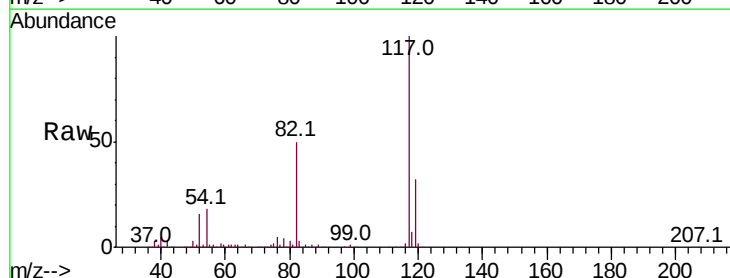
Tgt Ion: 117 Resp: 386359

Ion Ratio Lower Upper

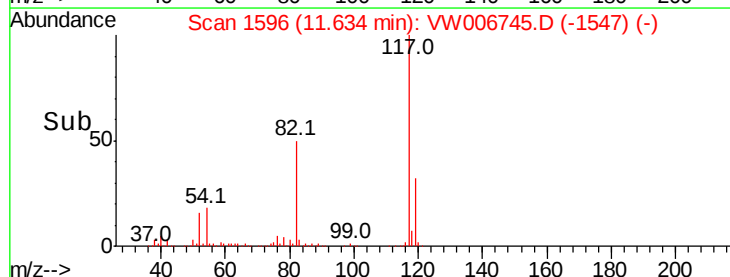
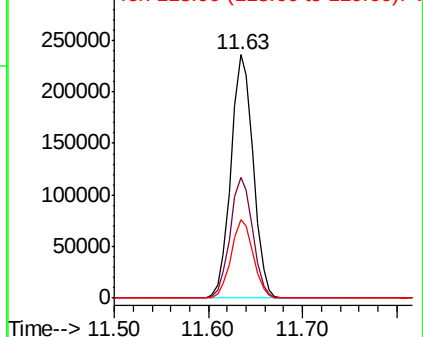
117 100

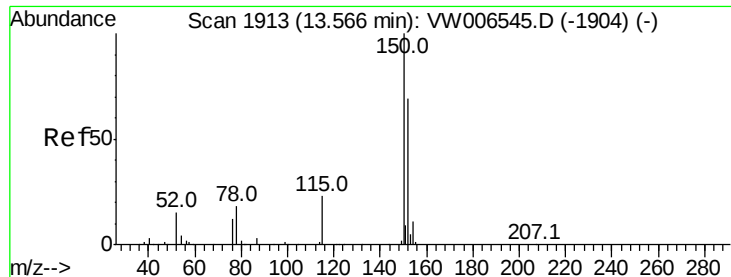
82 49.8 40.8 61.2

119 32.1 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006745.D

Acq: 07 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

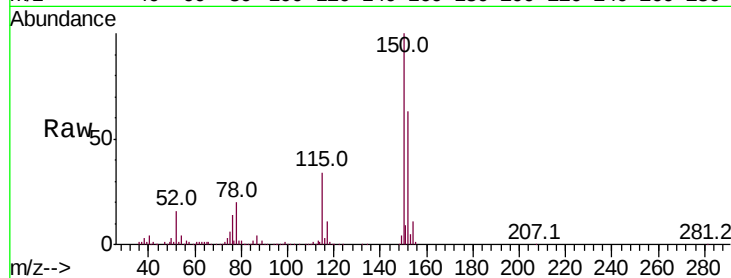
Tot Ion:152 Resp: 183053

Ion Ratio Lower Upper

152 100

115 53.0 26.6 79.8

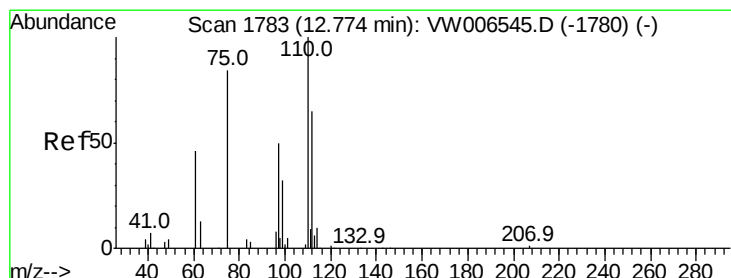
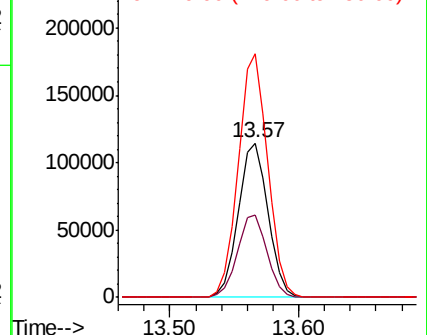
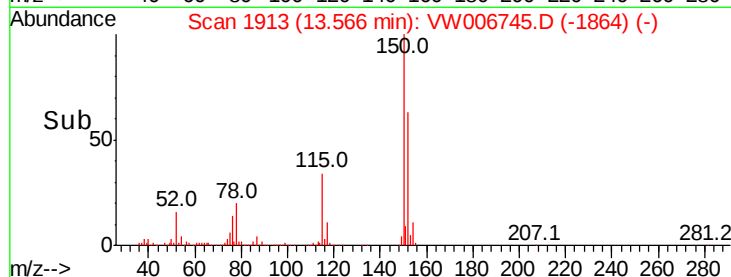
150 156.3 0.0 344.6



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: 36.152 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006745.D

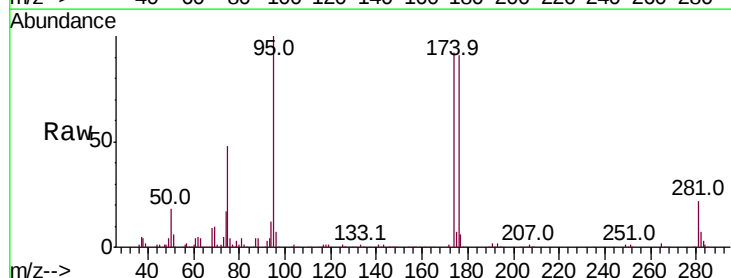
Acq: 07 Nov 2018 19:08

Tgt Ion: 75 Resp: 51633

Ion Ratio Lower Upper

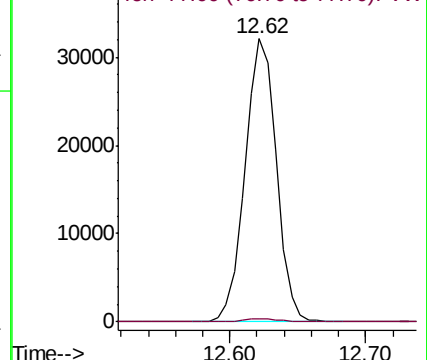
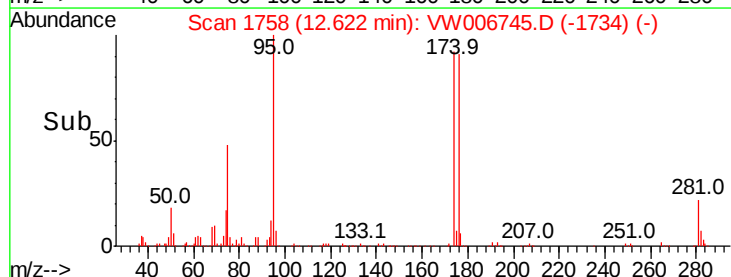
75 100

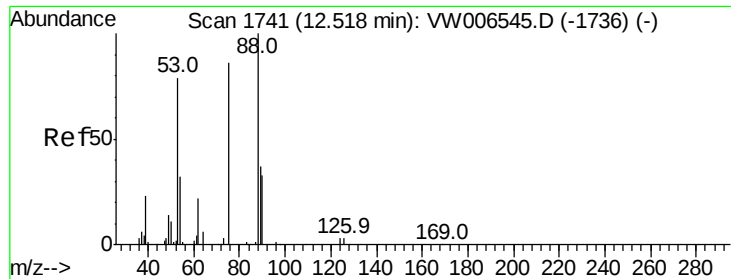
77 1.2 0.0 0.0#



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: 91.301 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006745.D

Acq: 07 Nov 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 51633

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

