

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006608.D
 Acq On : 02 Nov 2018 18:16
 Operator : SY/AP
 Sample : J5724-04
 Misc : 5.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RED-SHALE

Quant Time: Nov 03 00:26:44 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

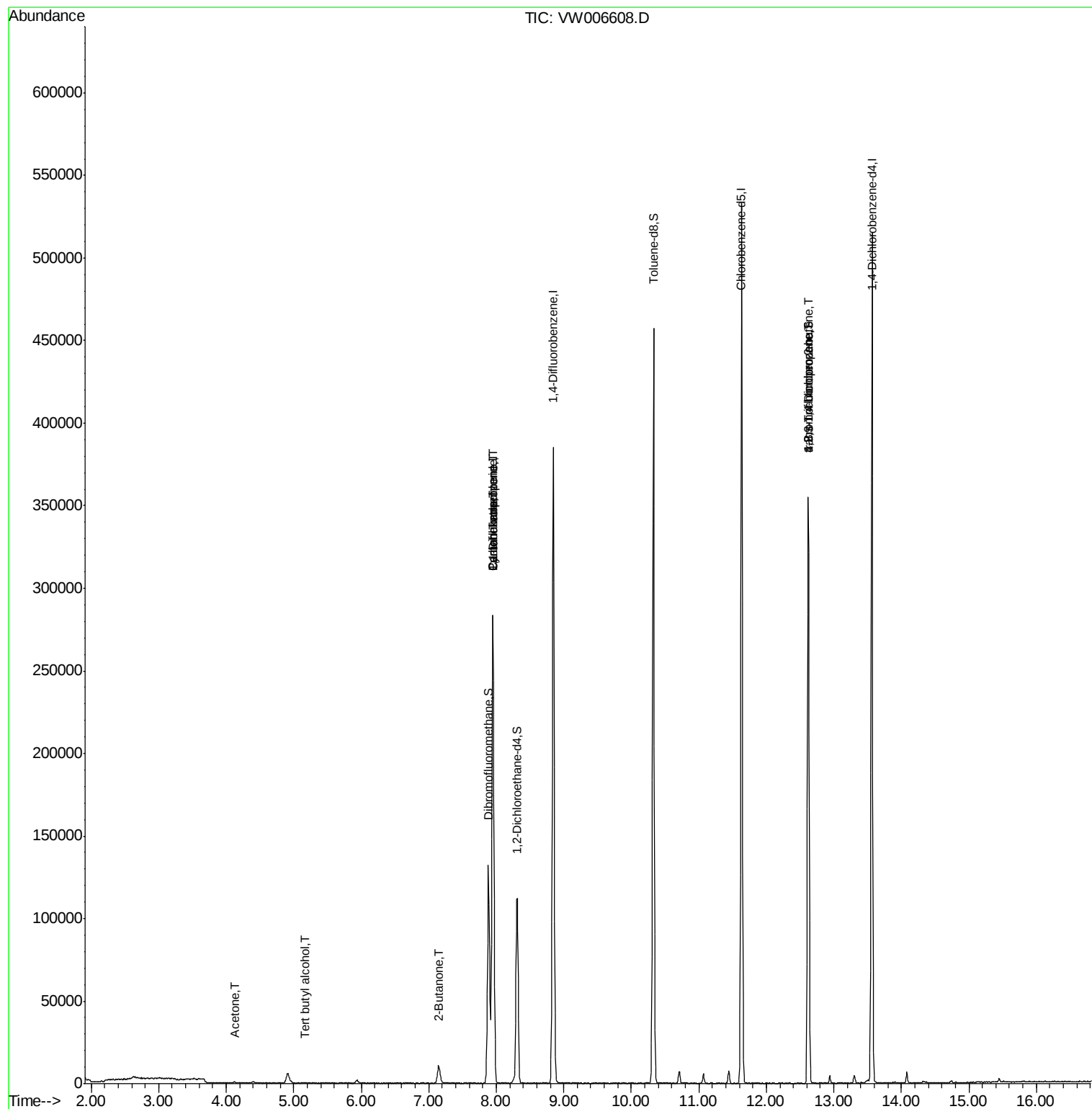
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90749	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
35) Dibromofluoromethane	7.88	113	92099	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
50) Toluene-d8	10.33	98	319419	38.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.56%	
62) 4-Bromofluorobenzene	12.62	95	105406	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	408	3.765	ug/l #	84
16) Acetone	4.13	43	1295	3.988	ug/l	96
20) Methylene Chloride	4.92	84	5480	Below Cal		88
25) 2-Butanone	7.15	43	492	1.062	ug/l #	46
31) Cyclohexane	7.95	56	3888	1.214	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	14374	4.741	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20565	6.491	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	51896	44.584	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51896	111.977	ug/l #	11

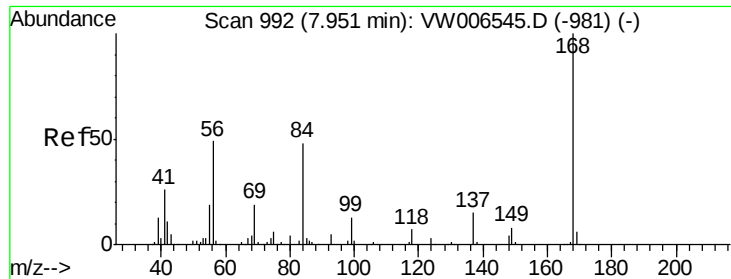
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
Data File : VW006608.D
Acq On : 02 Nov 2018 18:16
Operator : SY/AP
Sample : J5724-04
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RED-SHALE

Quant Time: Nov 03 00:26:44 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: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

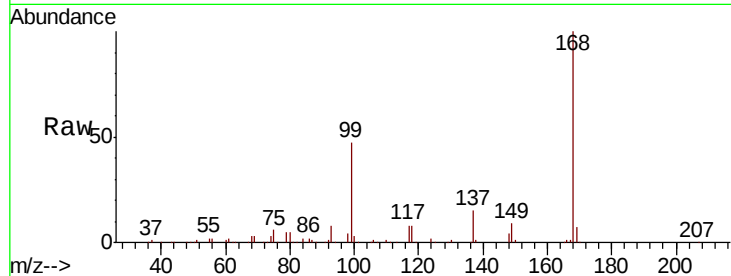
RED-SHALE

Tgt Ion:168 Resp: 233966

Ion Ratio Lower Upper

168 100

99 47.2 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

120000

100000

80000

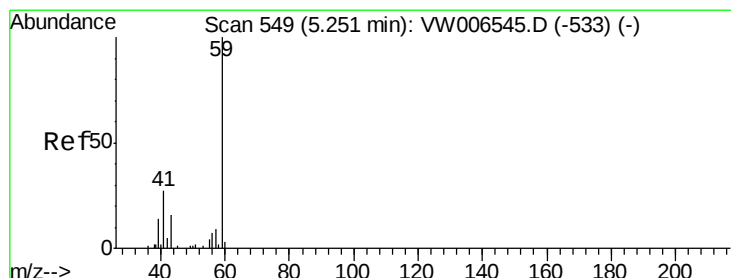
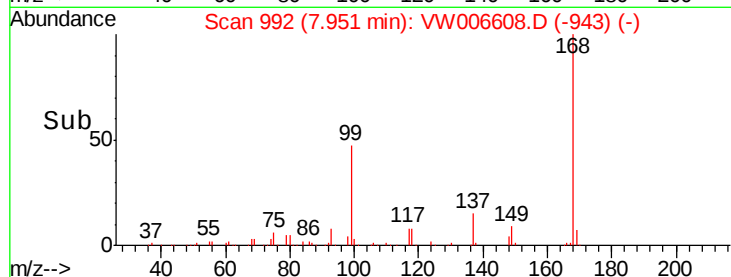
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.765 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.08 min

Lab File: VW006608.D

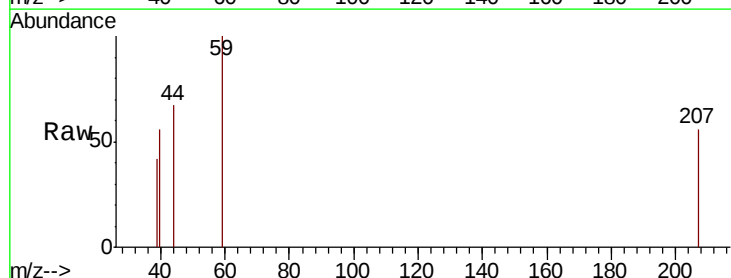
Acq: 02 Nov 2018 18:16

Tgt Ion: 59 Resp: 408

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

5.17

200

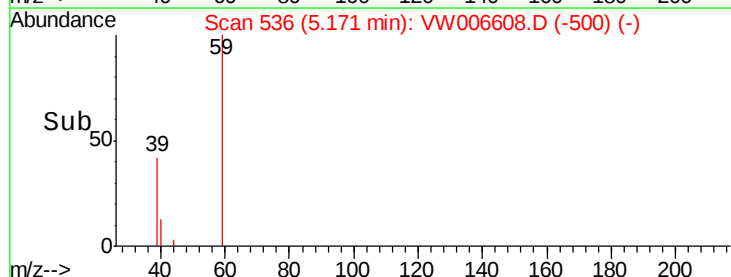
150

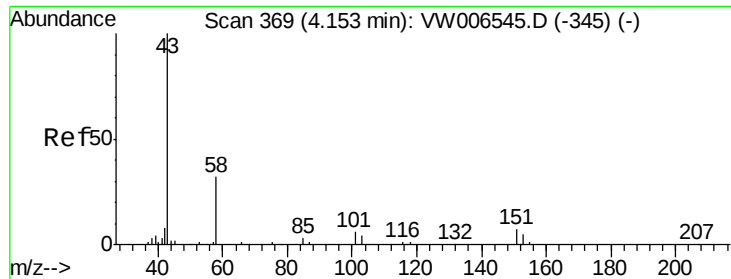
100

50

0

Time-->





#16

Acetone

Concen: 3.988 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

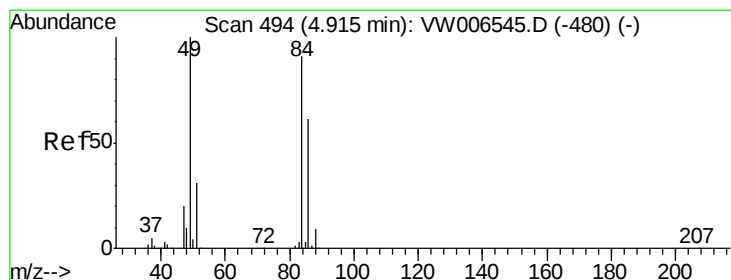
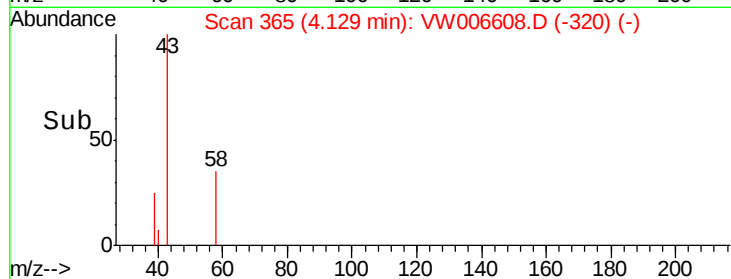
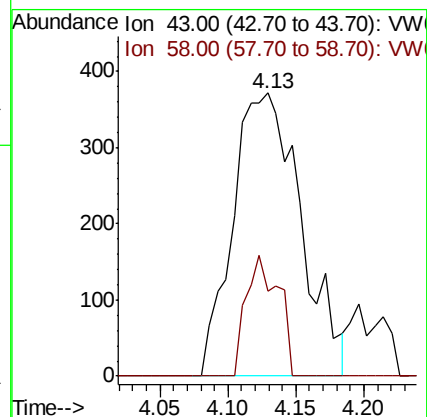
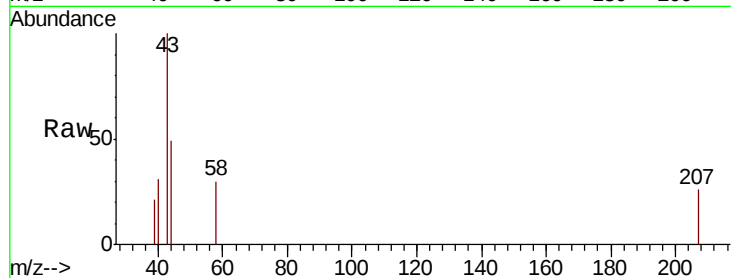
RED-SHALE

Tgt Ion: 43 Resp: 1295

Ion Ratio Lower Upper

43 100

58 30.1 25.8 38.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Tgt Ion: 84 Resp: 5480

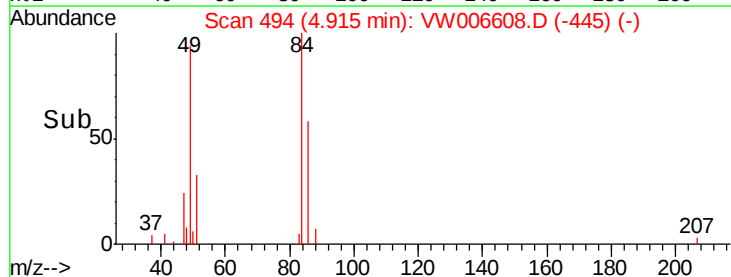
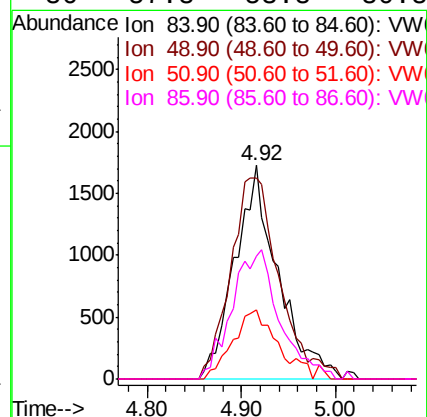
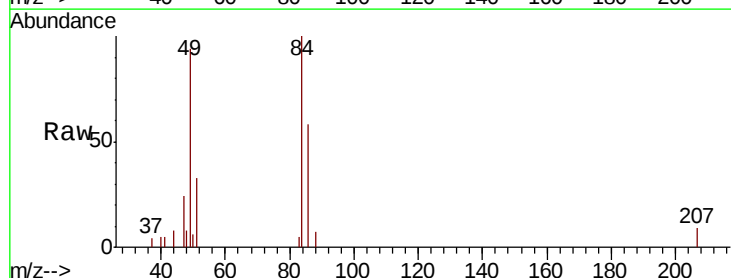
Ion Ratio Lower Upper

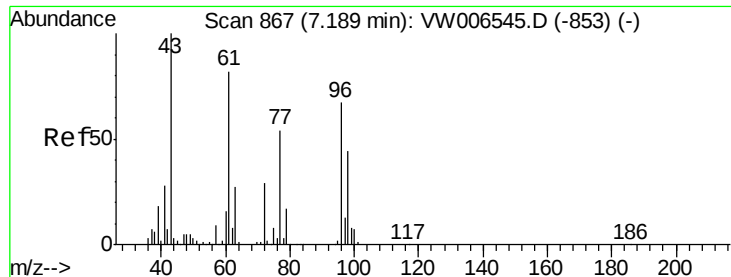
84 100

49 93.8 88.2 132.4

51 32.6 27.0 40.6

86 57.8 53.8 80.8

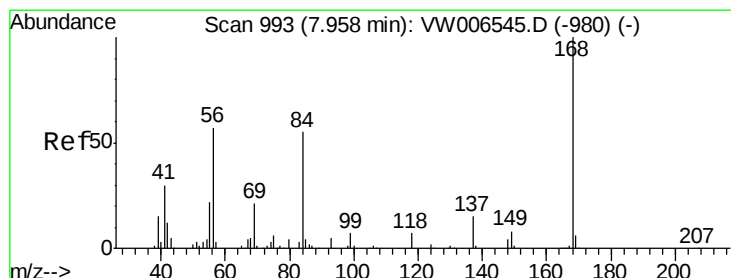
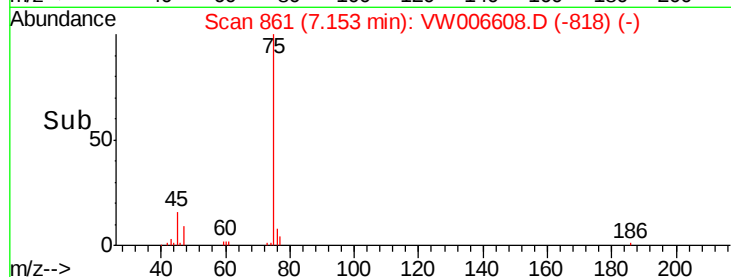
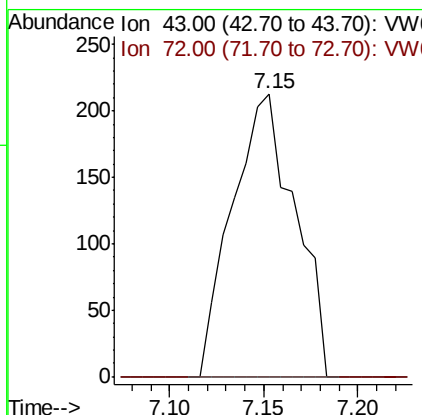
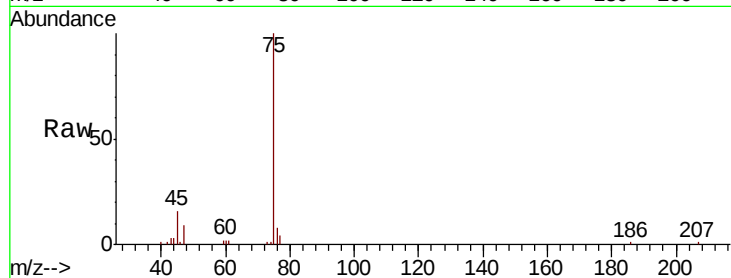




#25
2-Butanone
Concen: 1.062 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.04 min
Lab File: VW006608.D
Acq: 02 Nov 2018 18:16

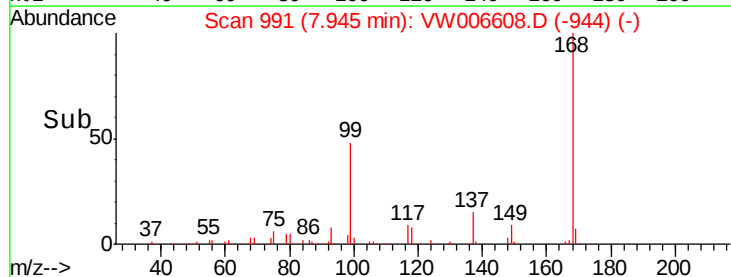
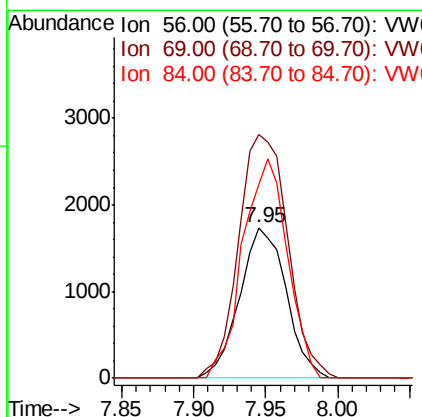
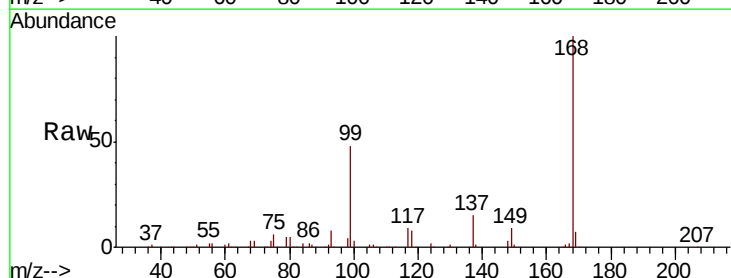
Instrument :
MSVOA_W
ClientSampleId :
RED-SHALE

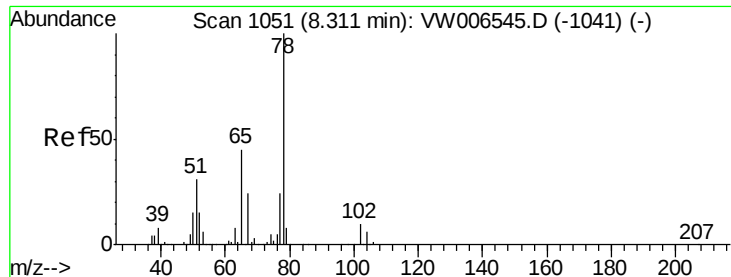
Tgt Ion: 43 Resp: 492
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#31
Cyclohexane
Concen: 1.214 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006608.D
Acq: 02 Nov 2018 18:16

Tgt Ion: 56 Resp: 3888
Ion Ratio Lower Upper
56 100
69 161.4 29.0 43.4#
84 128.5 77.8 116.6#

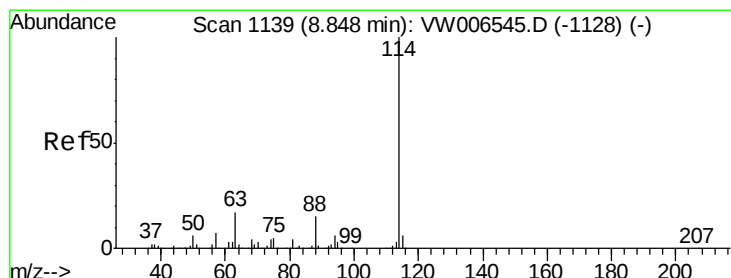
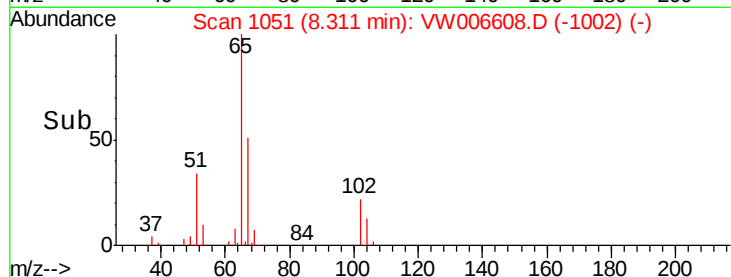
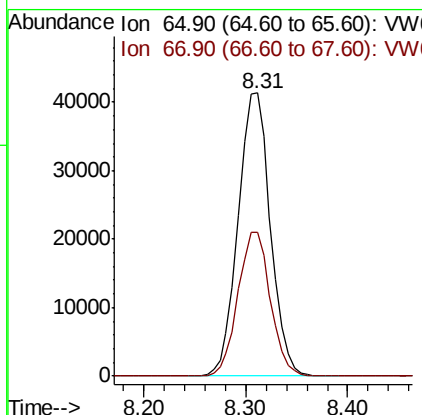
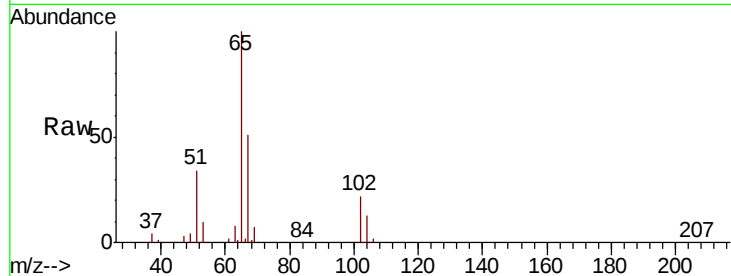




#33
 1,2-Dichloroethane-d4
 Concen: 45.123 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006608.D
 Acq: 02 Nov 2018 18:16

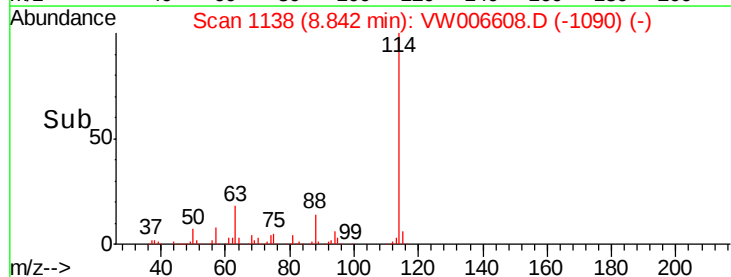
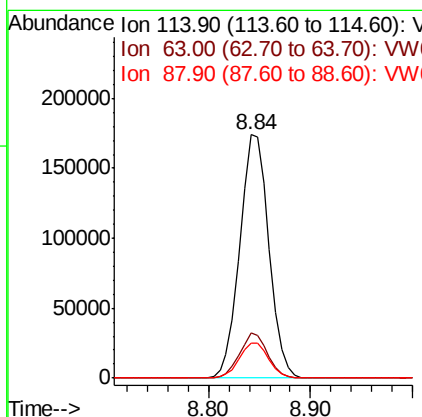
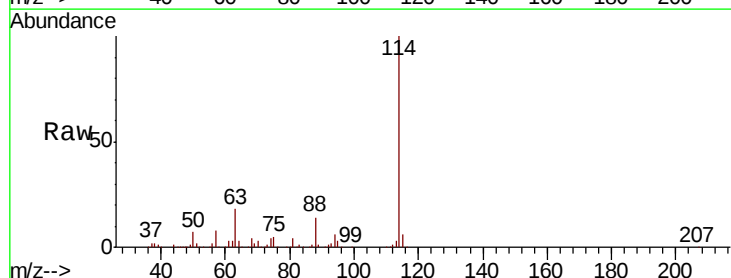
Instrument :
 MSVOA_W
 ClientSampleId :
 RED-SHALE

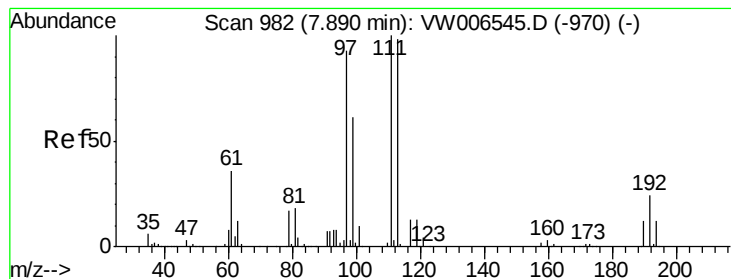
Tgt Ion: 65 Resp: 90749
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006608.D
 Acq: 02 Nov 2018 18:16

Tgt Ion: 114 Resp: 344773
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.4
 88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 42.565 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

RED-SHALE

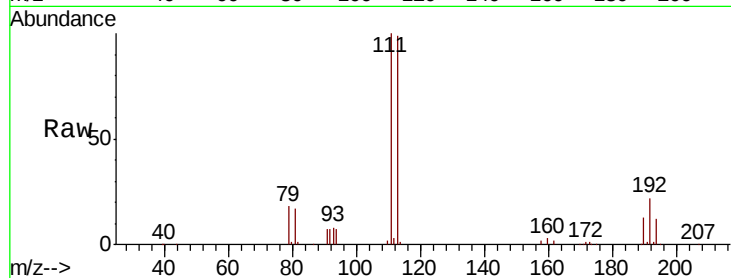
Tgt Ion:113 Resp: 92099

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

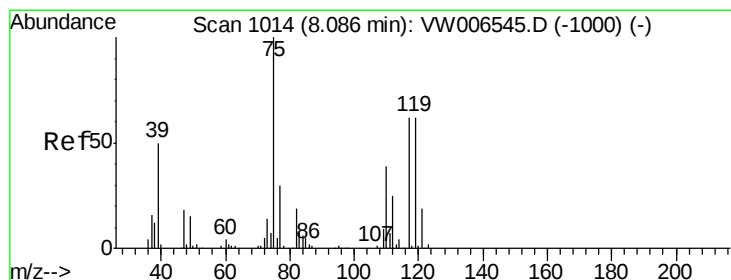
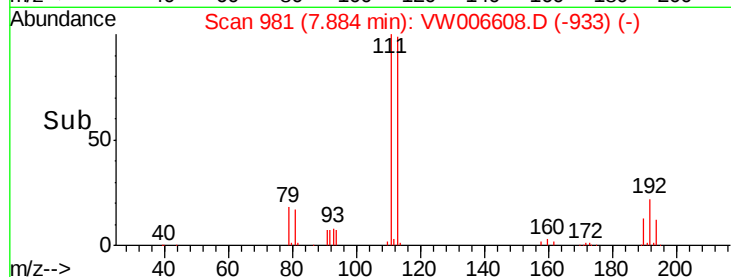
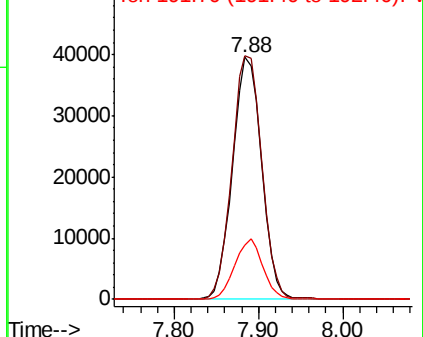
192 23.6 19.0 28.6



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: 4.741 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

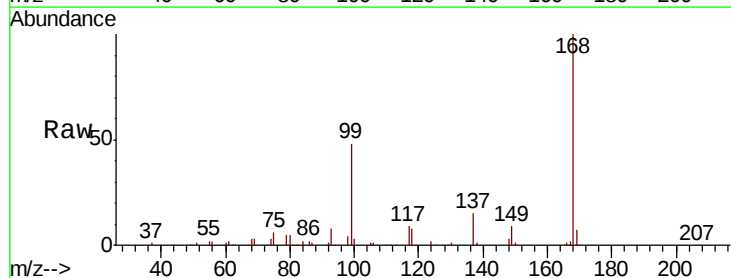
Tgt Ion: 75 Resp: 14374

Ion Ratio Lower Upper

75 100

110 9.2 19.5 58.5#

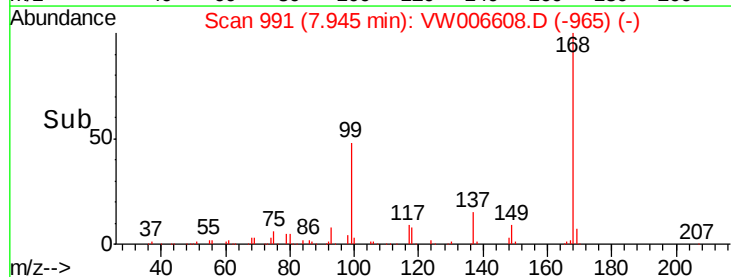
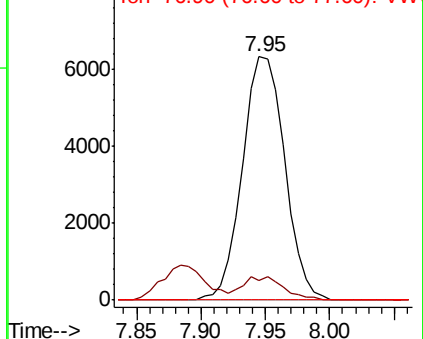
77 0.0 24.6 37.0#

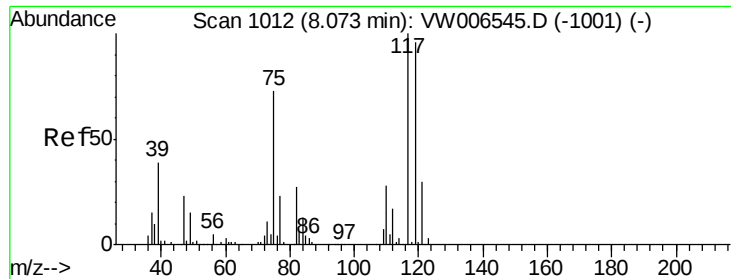


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.491 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

RED-SHALE

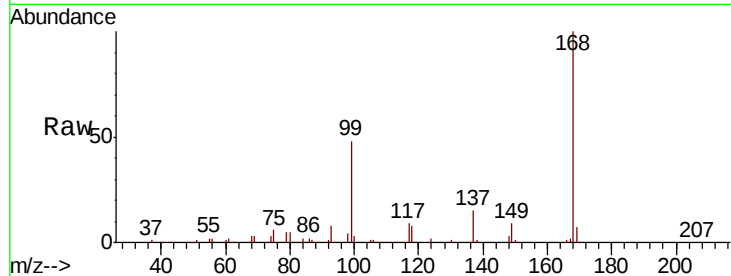
Tgt Ion:117 Resp: 20565

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

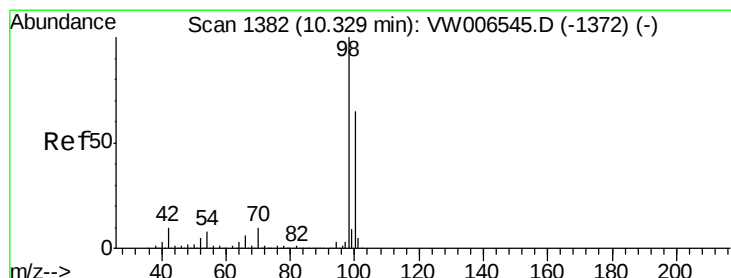
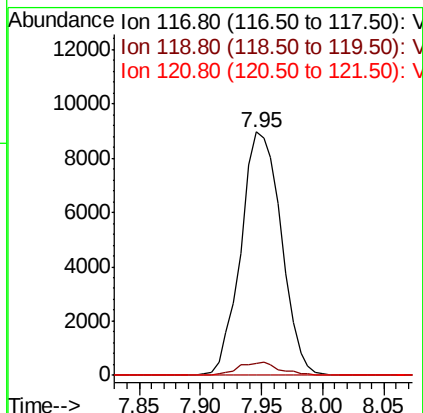
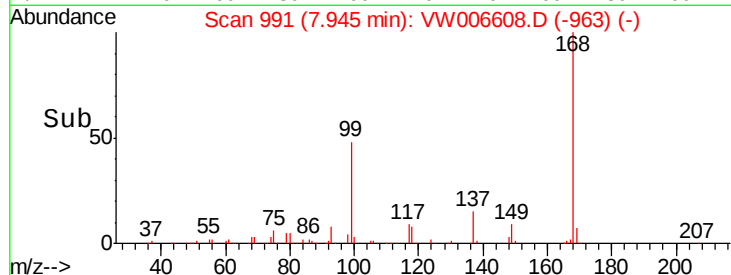
121 0.0 24.1 36.1#



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: 38.779 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006608.D

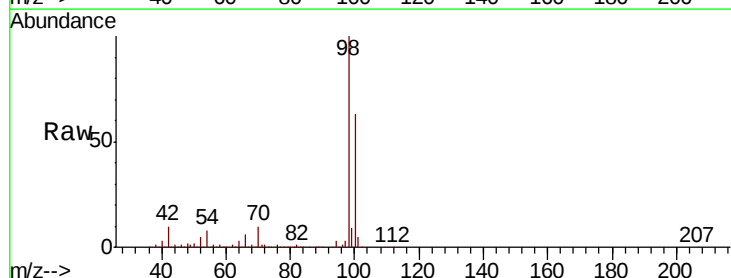
Acq: 02 Nov 2018 18:16

Tgt Ion: 98 Resp: 319419

Ion Ratio Lower Upper

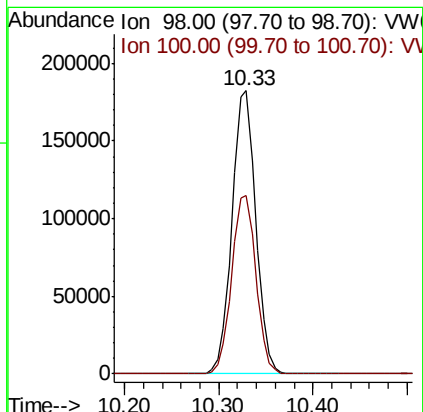
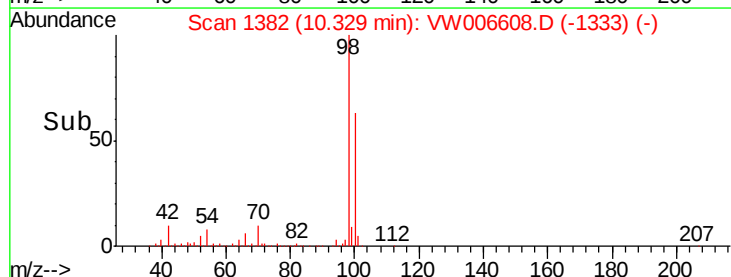
98 100

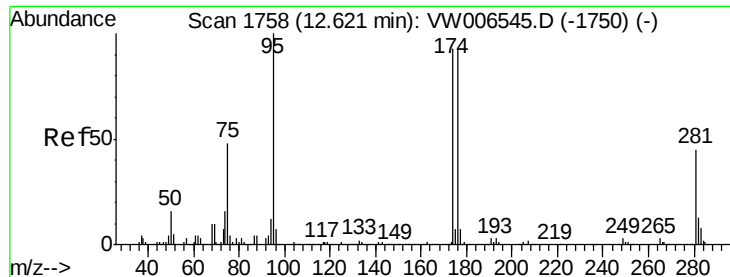
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 35.298 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

RED-SHALE

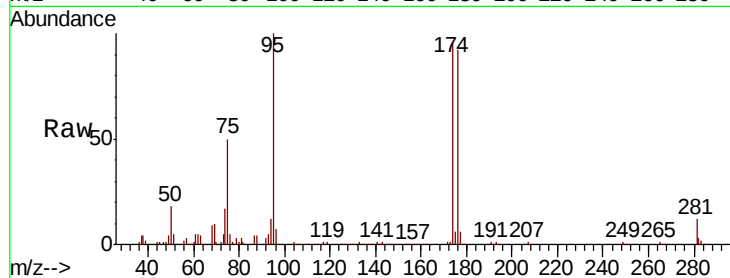
Tgt Ion: 95 Resp: 105406

Ion Ratio Lower Upper

95 100

174 98.3 0.0 192.4

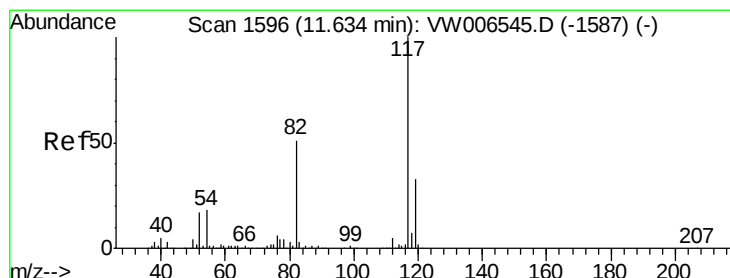
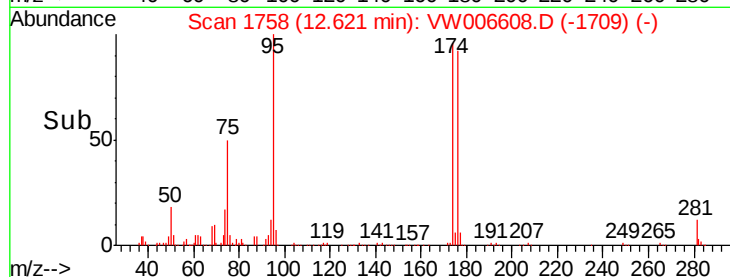
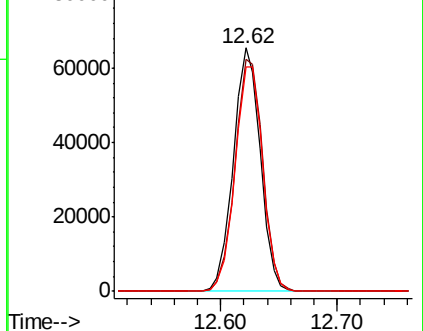
176 95.4 0.0 187.4



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: VW006608.D

Acq: 02 Nov 2018 18:16

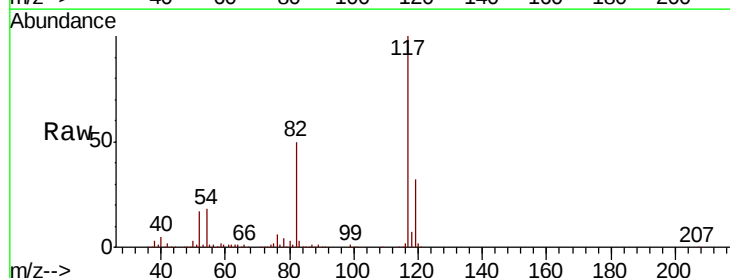
Tgt Ion: 117 Resp: 310106

Ion Ratio Lower Upper

117 100

82 50.2 40.8 61.2

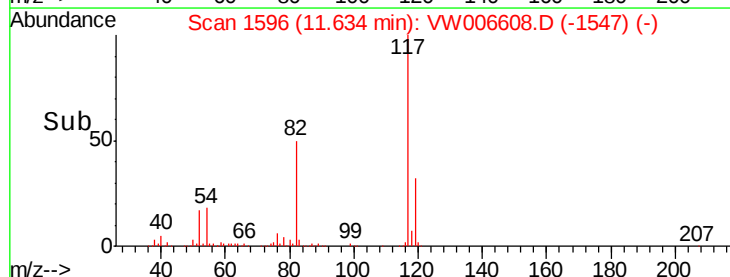
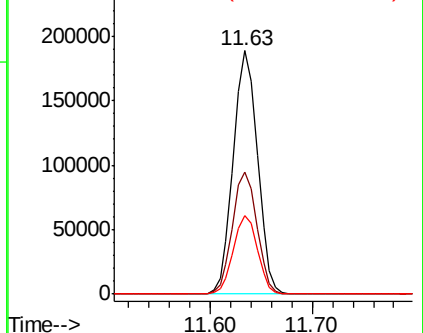
119 32.4 26.1 39.1

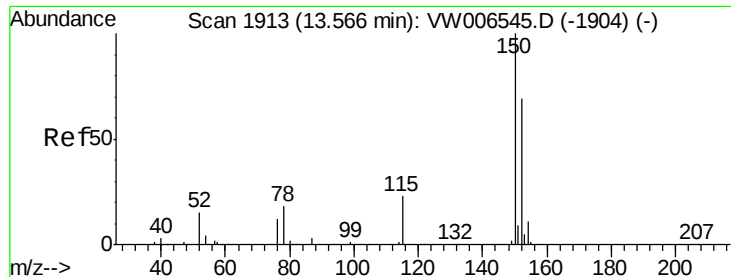


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

RED-SHALE

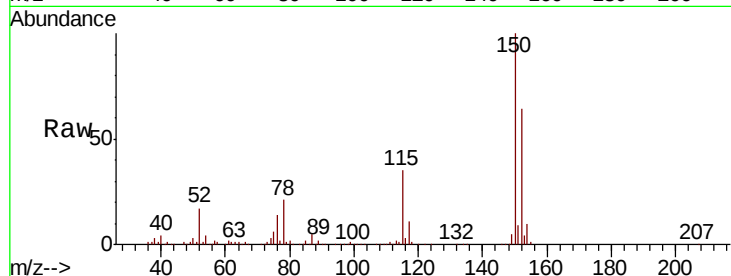
Tgt Ion:152 Resp: 149187

Ion Ratio Lower Upper

152 100

115 53.5 26.6 79.8

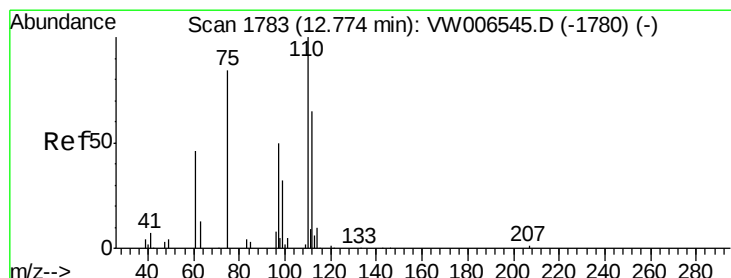
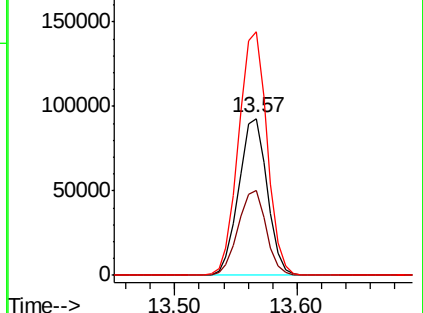
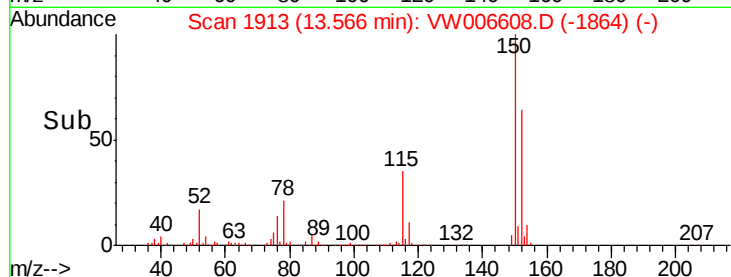
150 155.6 0.0 344.6



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: 44.584 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006608.D

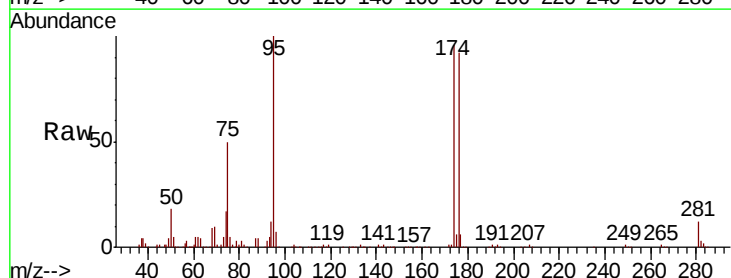
Acq: 02 Nov 2018 18:16

Tgt Ion: 75 Resp: 51896

Ion Ratio Lower Upper

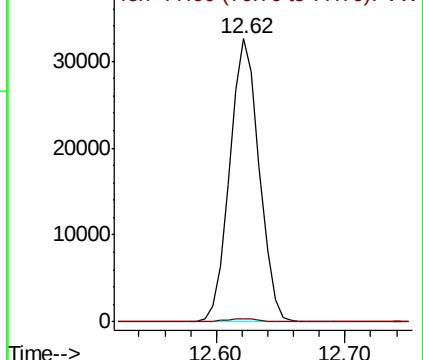
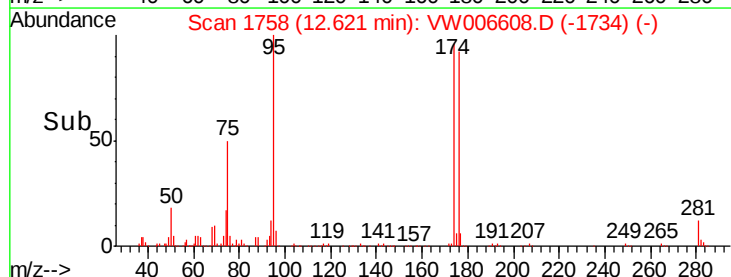
75 100

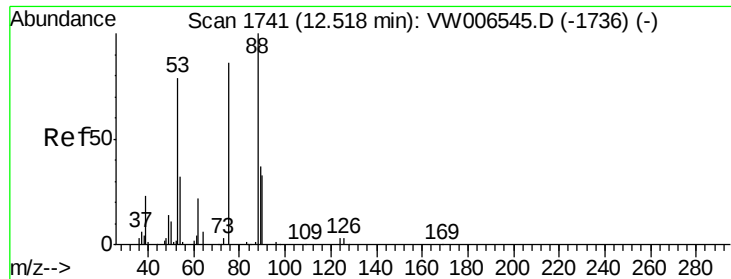
77 1.1 0.0 0.0#



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: 111.977 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006608.D

Acq: 02 Nov 2018 18:16

Instrument :

MSVOA_W

ClientSampleId :

RED-SHALE

Tgt Ion: 75 Resp: 51896

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

