

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
 Data File : VW006558.D
 Acq On : 01 Nov 2018 14:49
 Operator : SY/AP
 Sample : J5649-12RE
 Misc : 4.87G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-05A

Quant Time: Nov 01 15:26:01 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	272390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	405761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181236	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	94824	40.50	ug/l	0.00
Spiked Amount			Recovery	=	81.00%	
35) Dibromofluoromethane	7.88	113	97285	38.20	ug/l	0.00
Spiked Amount			Recovery	=	76.40%	
50) Toluene-d8	10.33	98	359408	37.08	ug/l	0.00
Spiked Amount			Recovery	=	74.16%	
62) 4-Bromofluorobenzene	12.62	95	120461	34.28	ug/l	0.00
Spiked Amount			Recovery	=	68.56%	

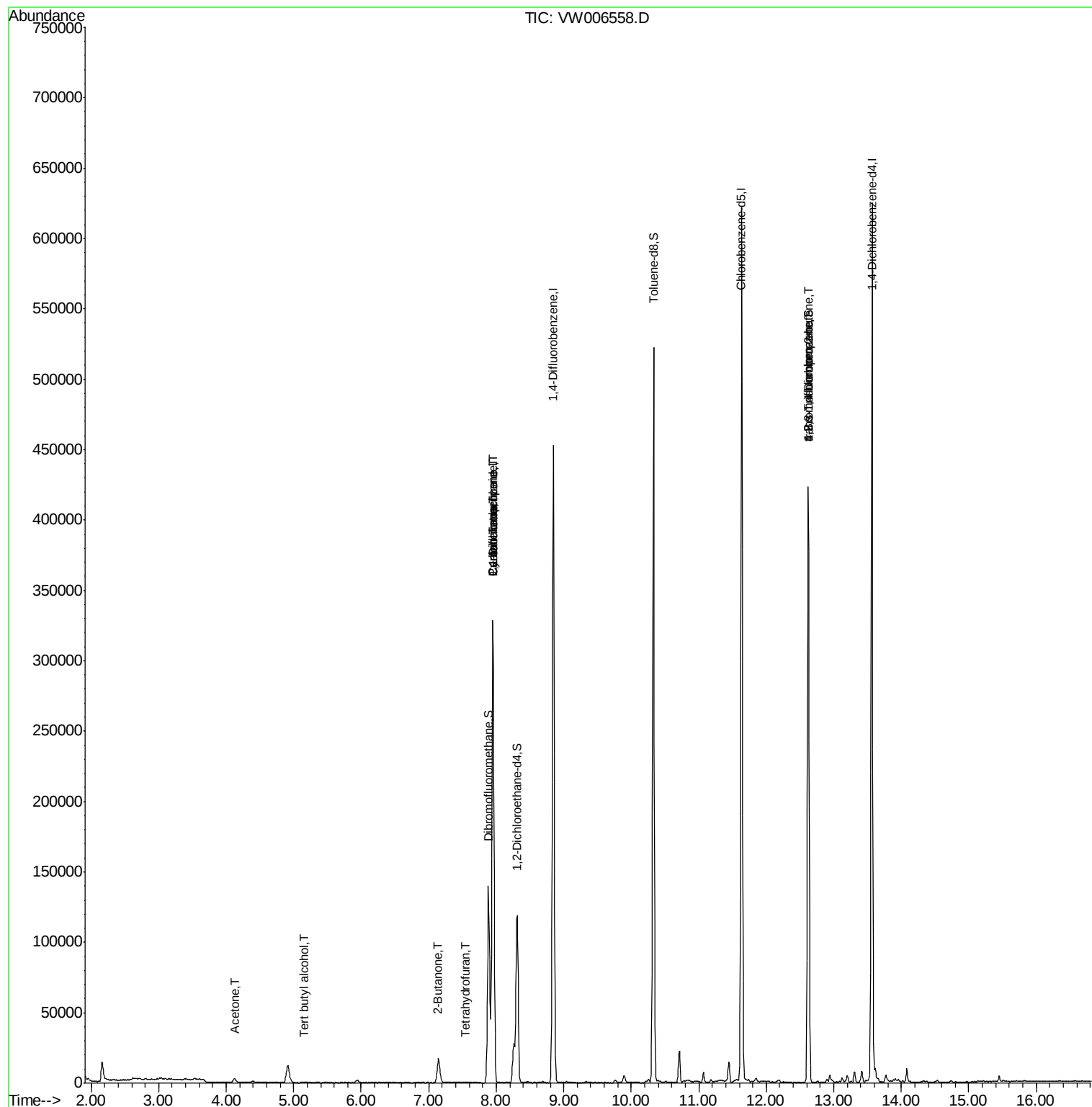
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	282	2.24	ug/l #	84
16) Acetone	4.12	43	4837	12.80	ug/l	99
20) Methylene Chloride	4.91	84	10634	Below Cal		90
25) 2-Butanone	7.15	43	894	1.66	ug/l #	46
29) Tetrahydrofuran	7.54	42	491	1.45	ug/l #	59
31) Cyclohexane	7.95	56	4710	1.26	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	16773	4.70	ug/l #	48
38) Carbon Tetrachloride	7.95	117	23535	6.31	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	59196	41.86	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59196	105.30	ug/l #	11

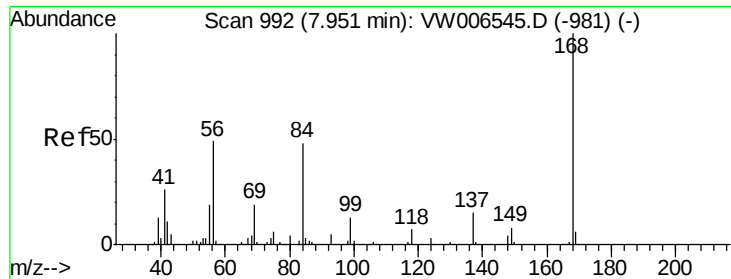
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110218\
Data File : VW006558.D
Acq On : 01 Nov 2018 14:49
Operator : SY/AP
Sample : J5649-12RE
Misc : 4.87G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-05A

Quant Time: Nov 01 15:26:01 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: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampled :

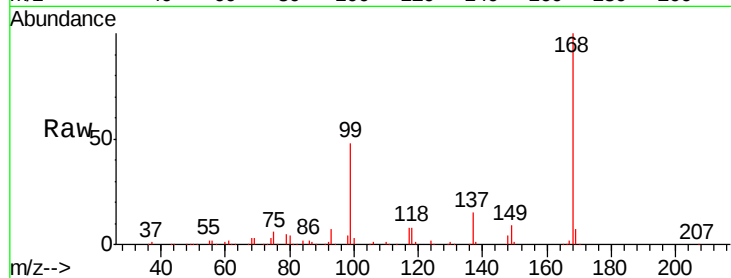
DL-05A

Tgt Ion: 168 Resp: 272390

Ion Ratio Lower Upper

168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

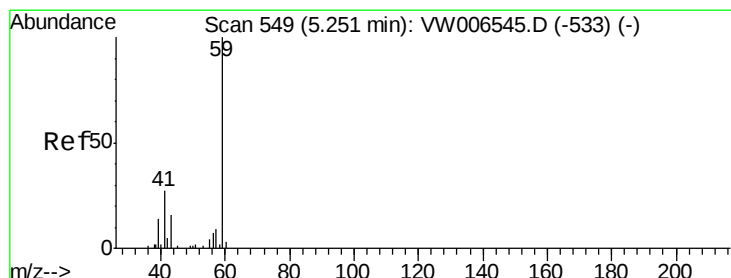
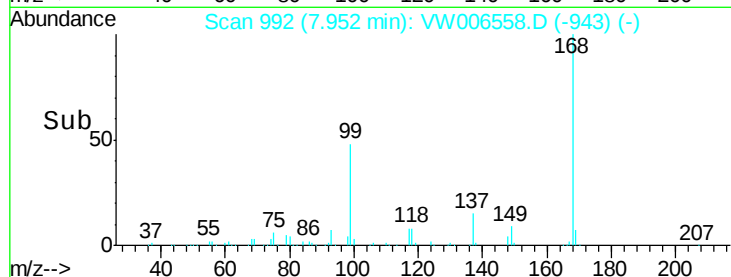
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.24 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.10 min

Lab File: VW006558.D

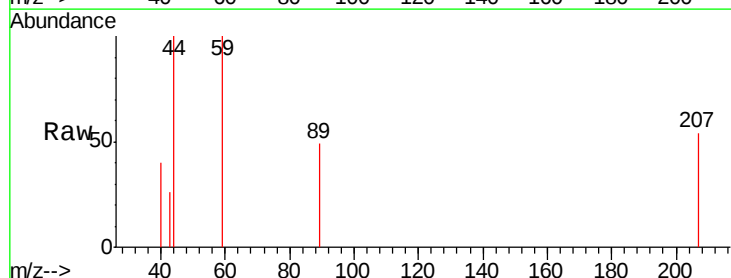
Acq: 01 Nov 2018 14:49

Tgt Ion: 59 Resp: 282

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

250

200

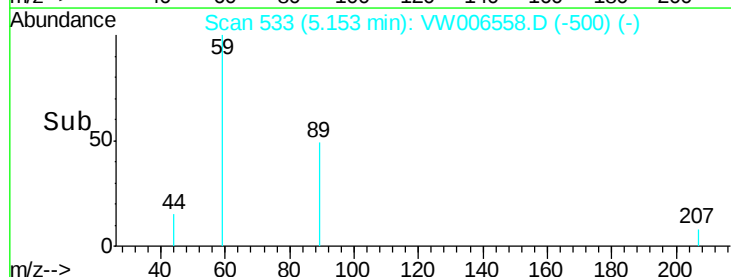
150

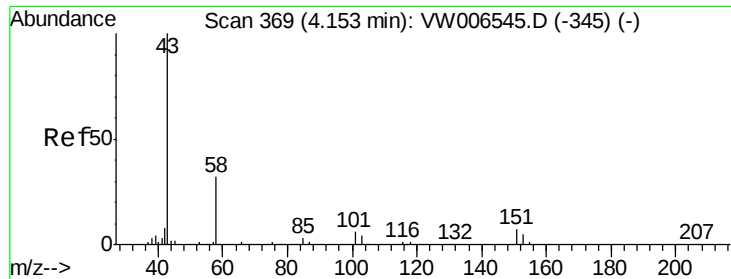
100

50

0

Time-->





#16

Acetone

Concen: 12.80 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

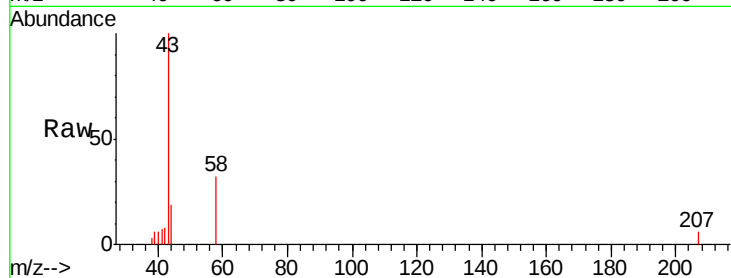
DL-05A

Tgt Ion: 43 Resp: 4837

Ion Ratio Lower Upper

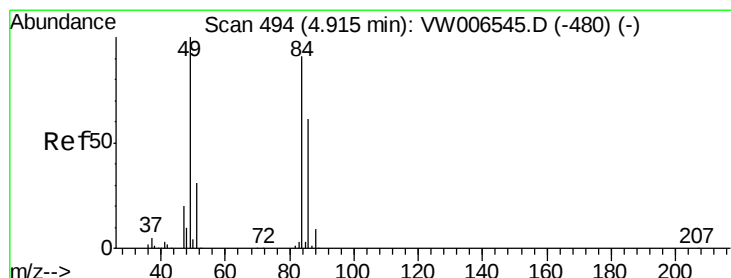
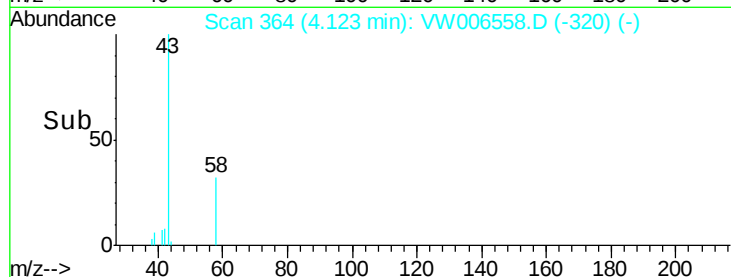
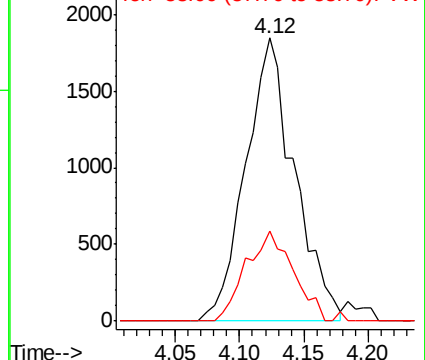
43 100

58 31.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

Tgt Ion: 84 Resp: 10634

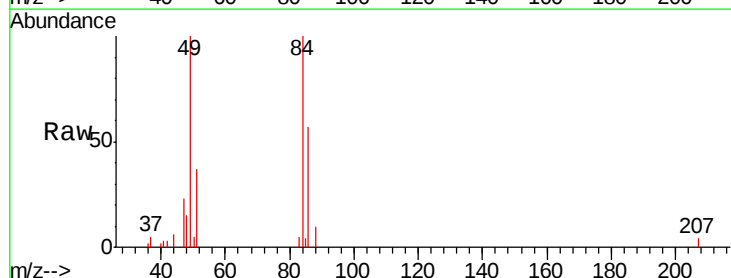
Ion Ratio Lower Upper

84 100

49 100.2 88.2 132.4

51 37.3 27.0 40.6

86 57.2 53.8 80.8

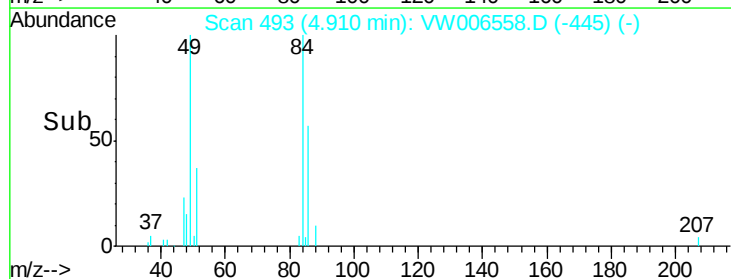
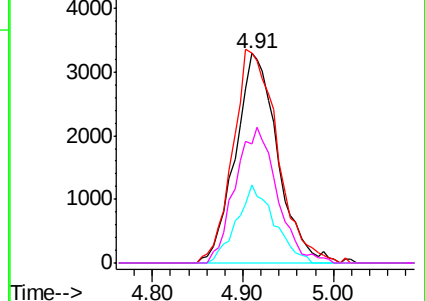


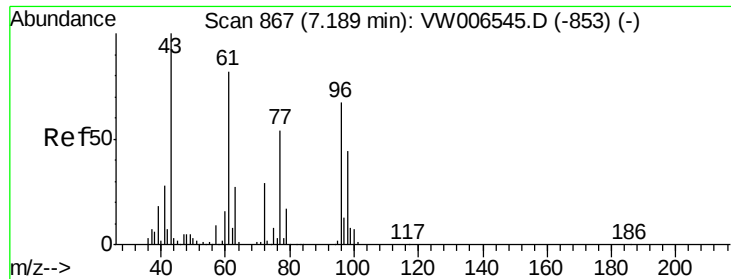
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

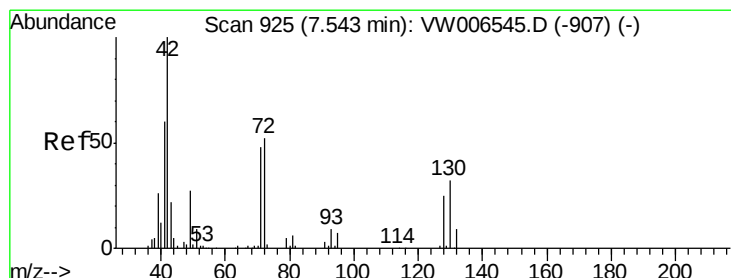
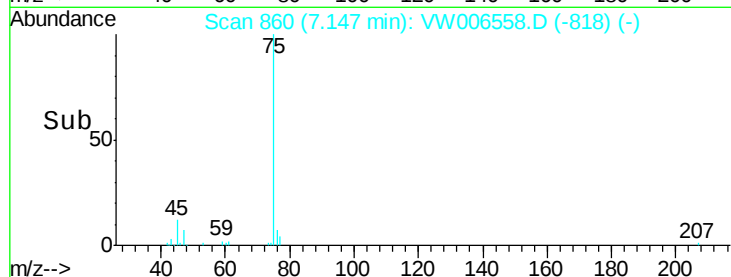
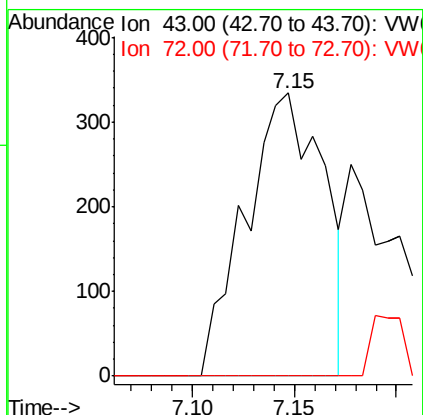
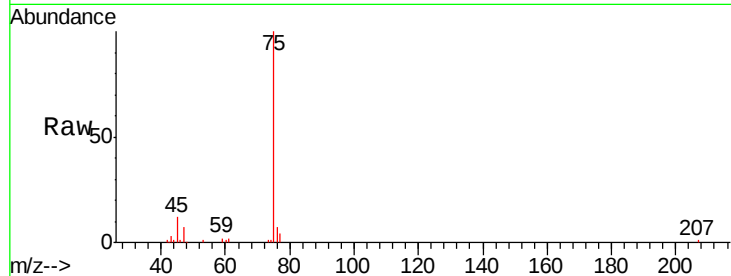




#25
2-Butanone
Concen: 1.66 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006558.D
Acq: 01 Nov 2018 14:49

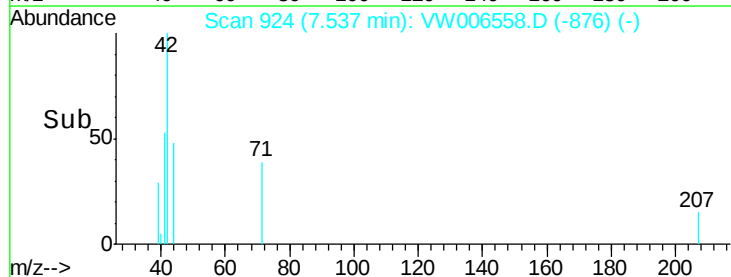
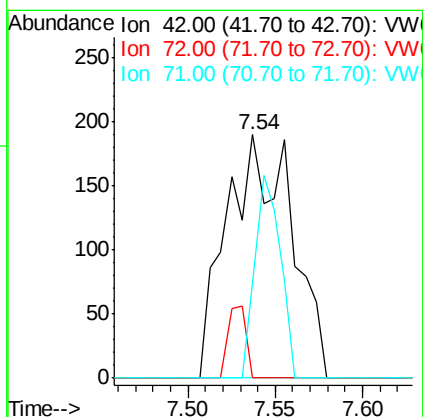
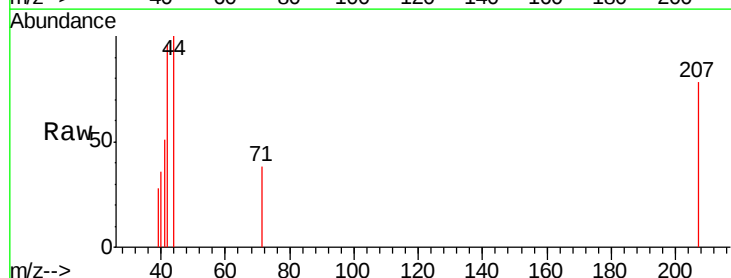
Instrument :
MSVOA_W
ClientSampled :
DL-05A

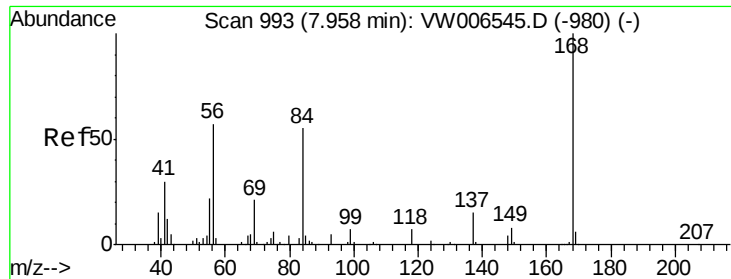
Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#



#29
Tetrahydrofuran
Concen: 1.45 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006558.D
Acq: 01 Nov 2018 14:49

Tgt Ion: 42 Resp: 491
Ion Ratio Lower Upper
42 100
72 8.1 39.2 58.8#
71 32.8 37.6 56.4#

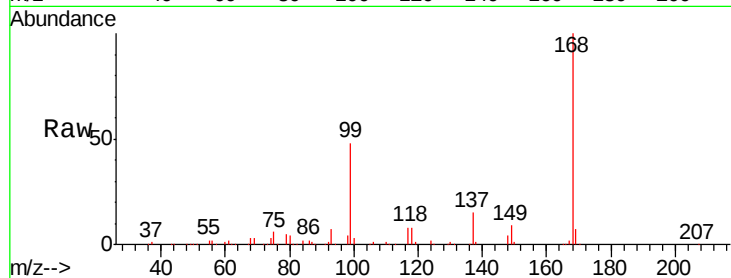




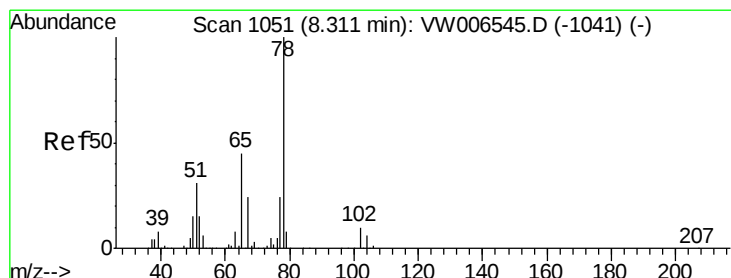
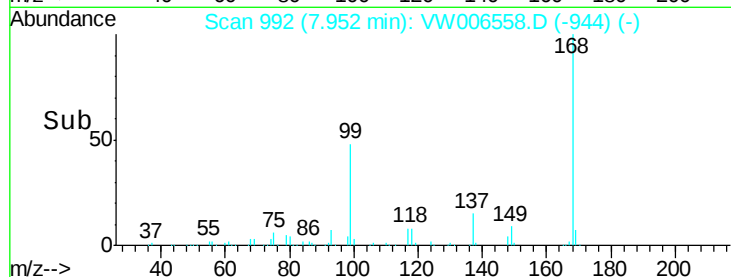
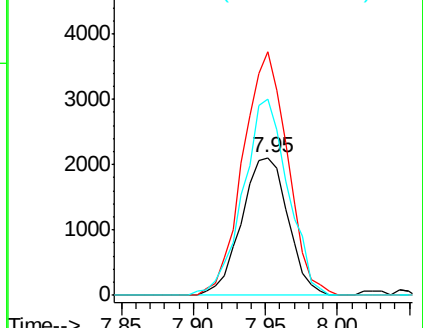
#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006558.D
Acq: 01 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampled :
DL-05A

Tgt Ion: 56 Resp: 4710
Ion Ratio Lower Upper
56 100
69 176.6 29.0 43.4#
84 141.9 77.8 116.6#

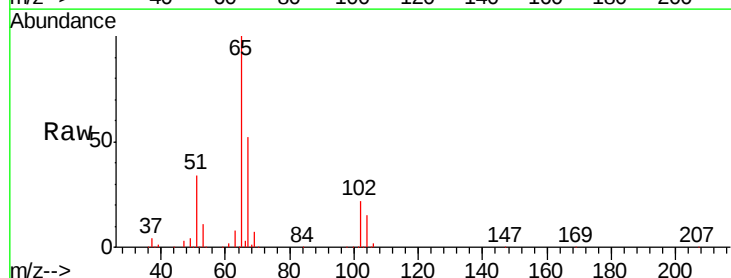


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

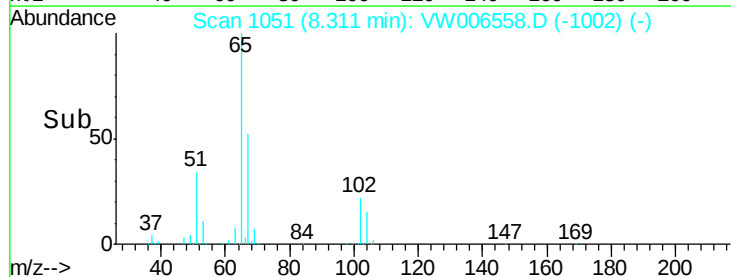
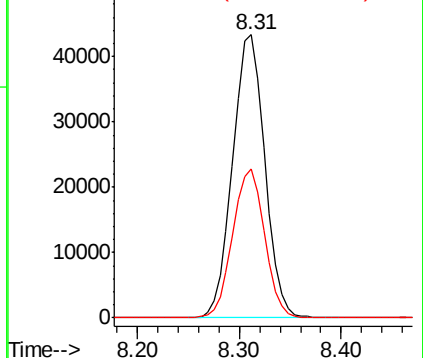


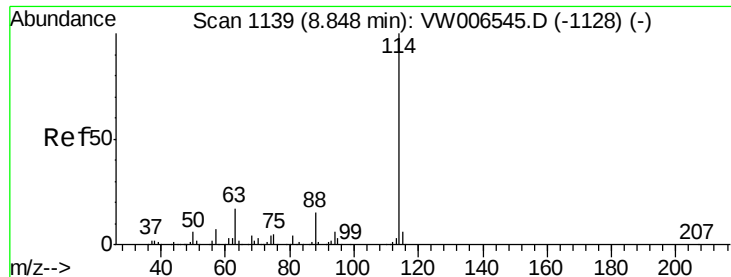
#33
1,2-Dichloroethane-d4
Concen: 40.50 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006558.D
Acq: 01 Nov 2018 14:49

Tgt Ion: 65 Resp: 94824
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

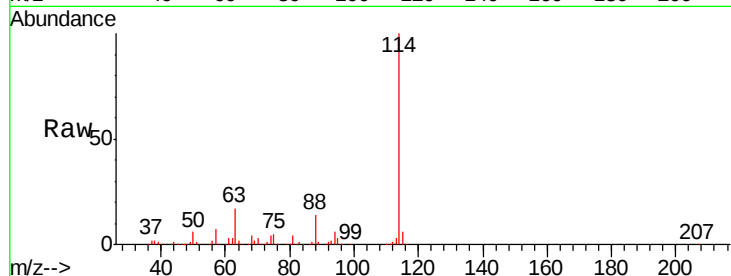




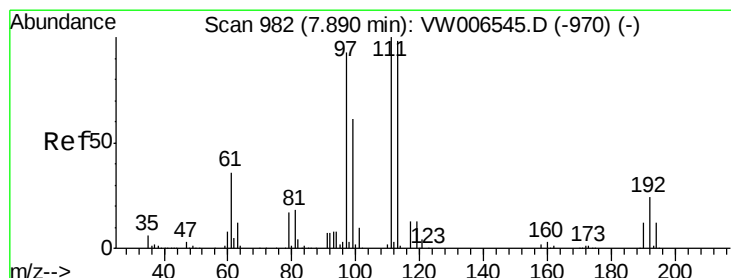
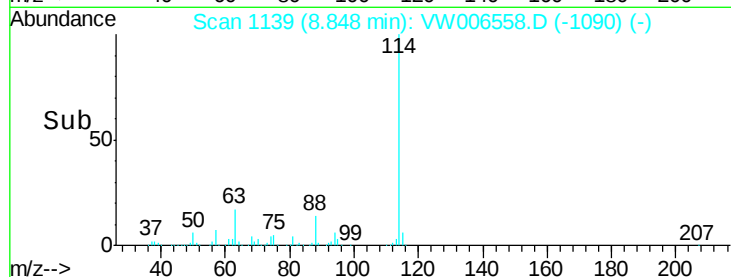
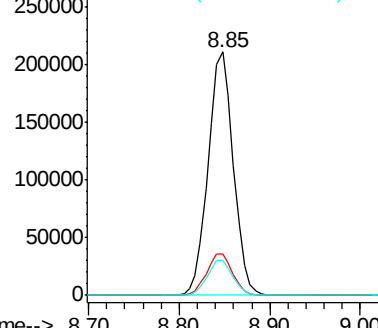
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006558.D
 Acq: 01 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampled :
 DL-05A

Tgt Ion:114 Resp: 405761
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.4
 88 14.2 0.0 29.0

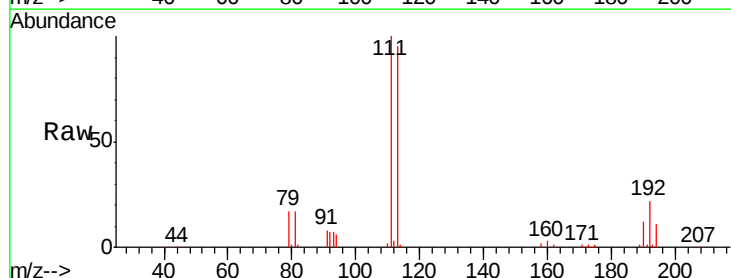


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

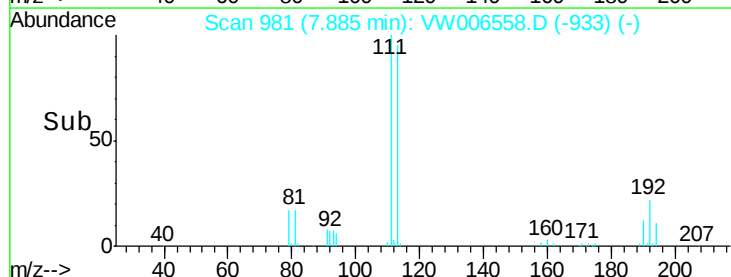
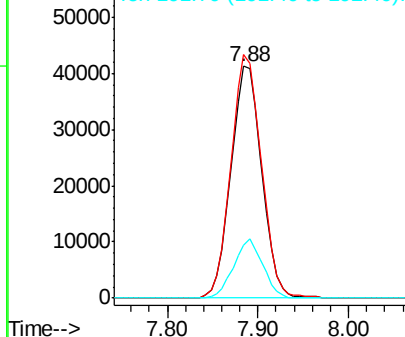


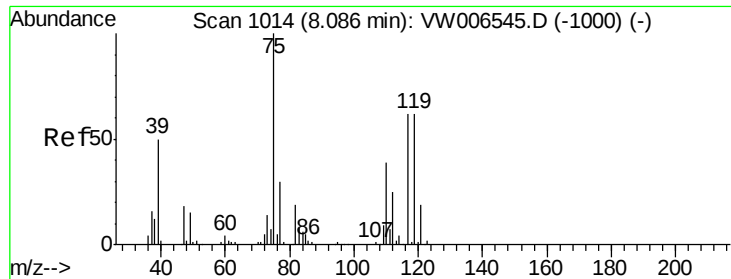
#35
 Dibromofluoromethane
 Concen: 38.20 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006558.D
 Acq: 01 Nov 2018 14:49

Tgt Ion:113 Resp: 97285
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.2 123.2
 192 24.0 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

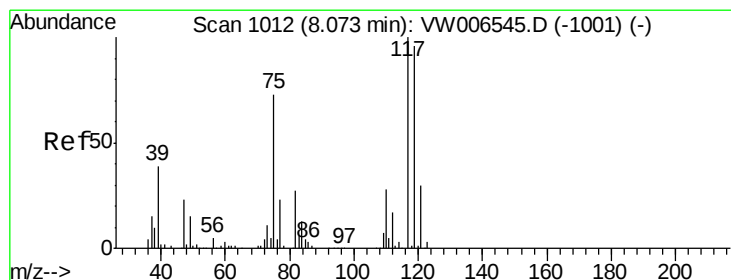
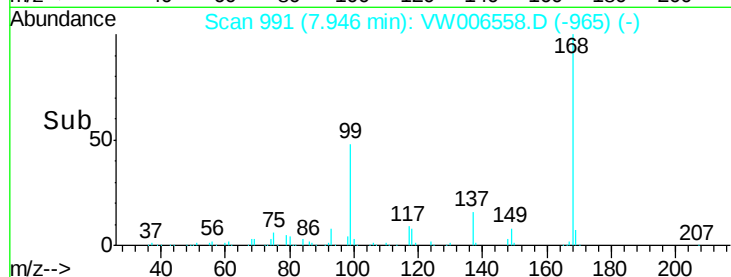
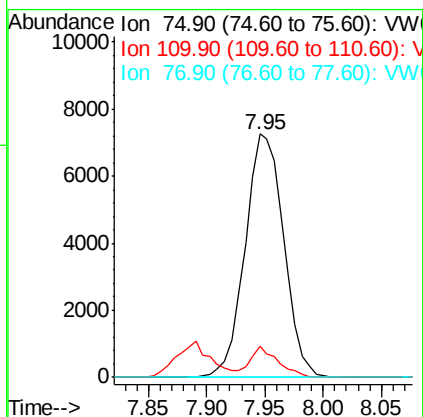
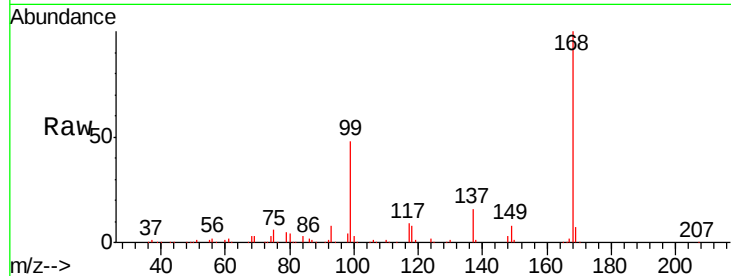




#36
 1,1-Dichloropropene
 Concen: 4.70 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006558.D
 Acq: 01 Nov 2018 14:49

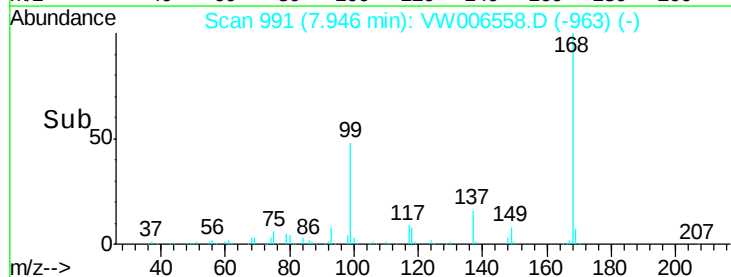
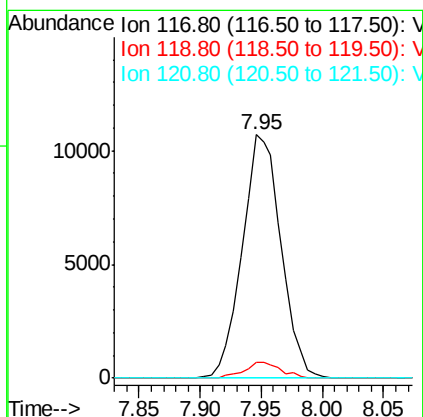
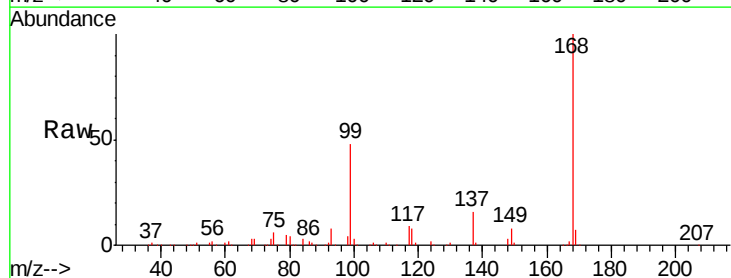
Instrument :
 MSVOA_W
 ClientSampleID :
 DL-05A

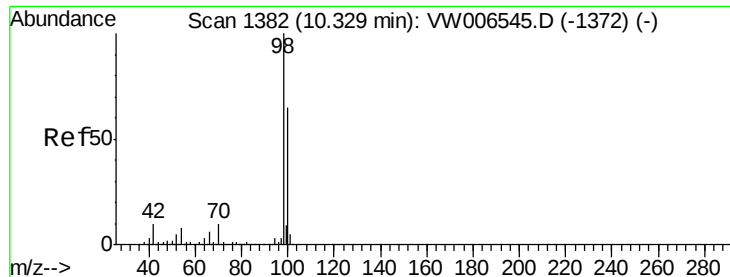
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.31 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW006558.D
 Acq: 01 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 37.08 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

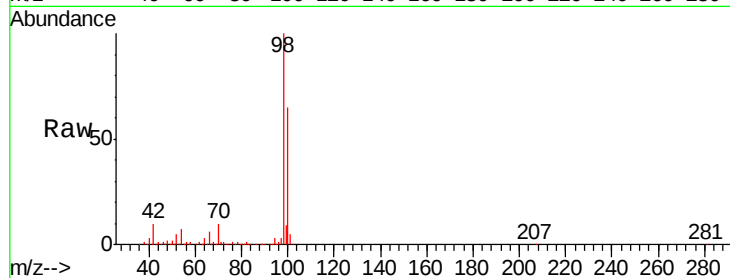
DL-05A

Tgt Ion: 98 Resp: 359408

Ion Ratio Lower Upper

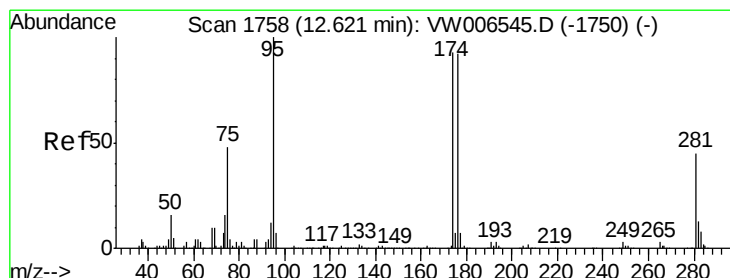
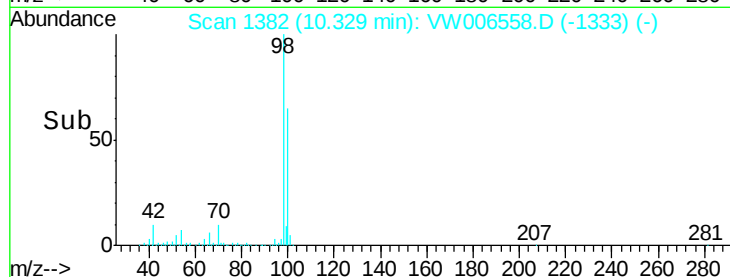
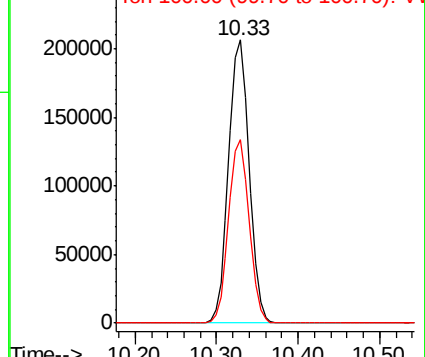
98 100

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: 34.28 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

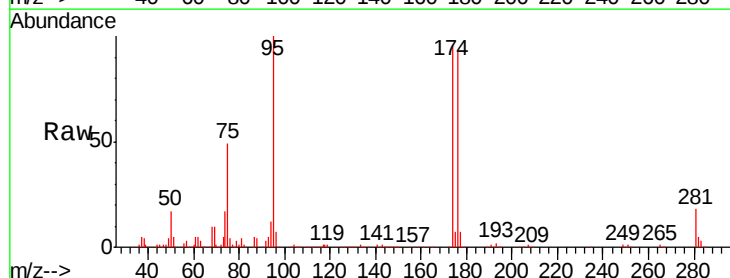
Tgt Ion: 95 Resp: 120461

Ion Ratio Lower Upper

95 100

174 99.8 0.0 192.4

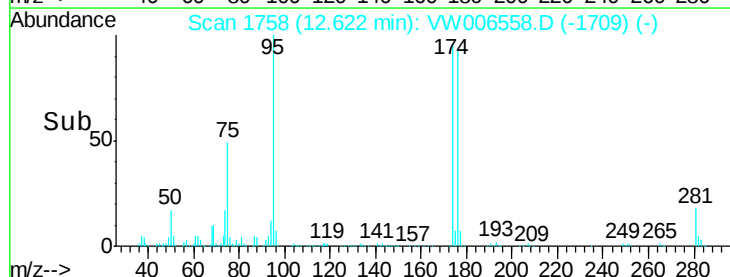
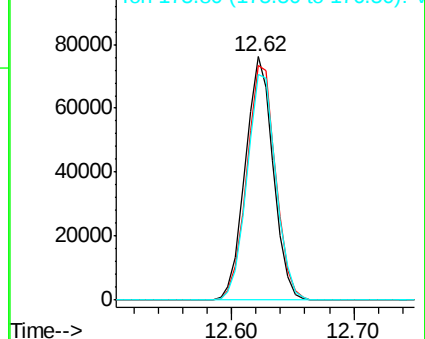
176 96.5 0.0 187.4

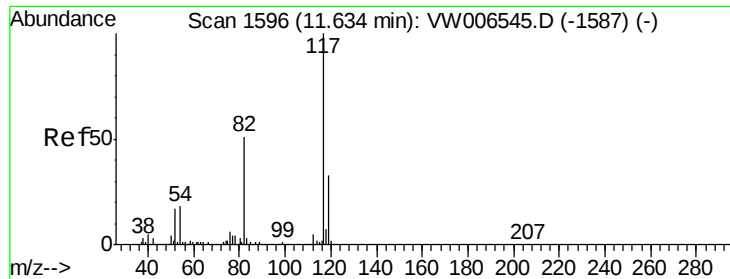


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

DL-05A

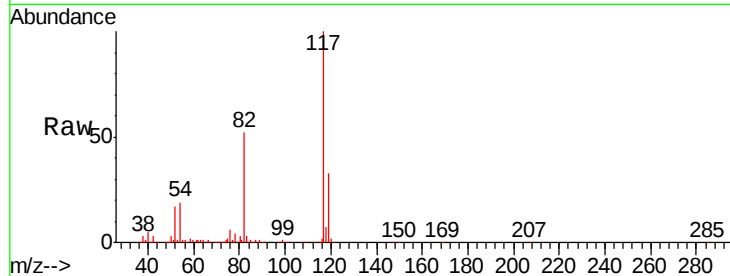
Tgt Ion:117 Resp: 363430

Ion Ratio Lower Upper

117 100

82 51.7 40.8 61.2

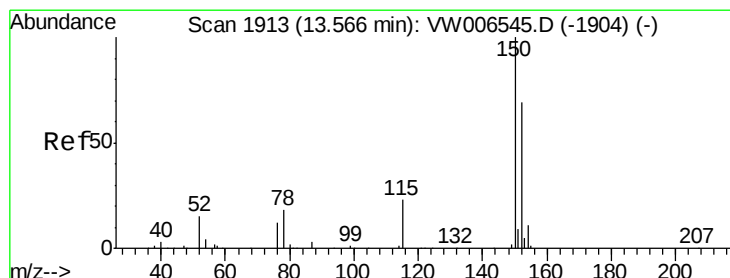
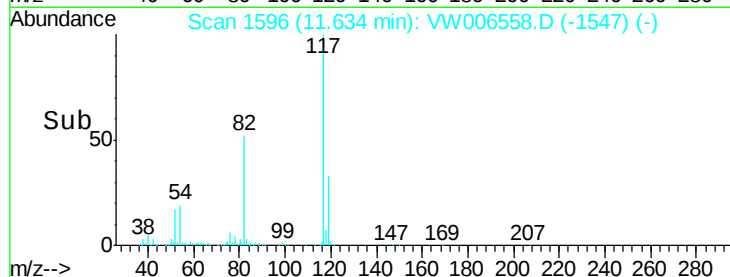
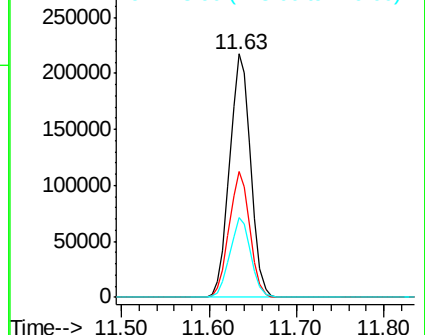
119 32.6 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

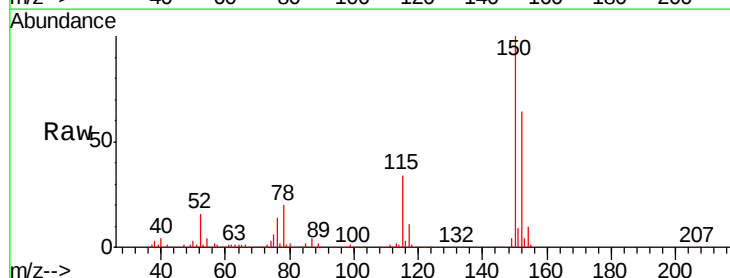
Tgt Ion:152 Resp: 181236

Ion Ratio Lower Upper

152 100

115 53.6 26.6 79.8

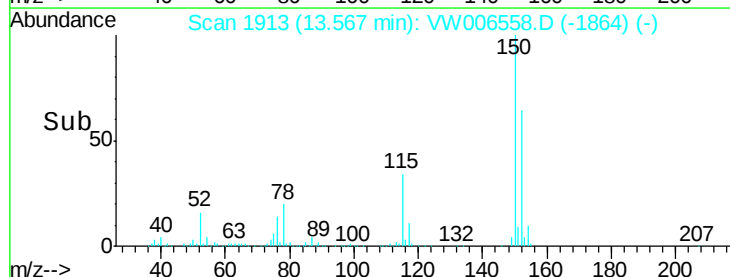
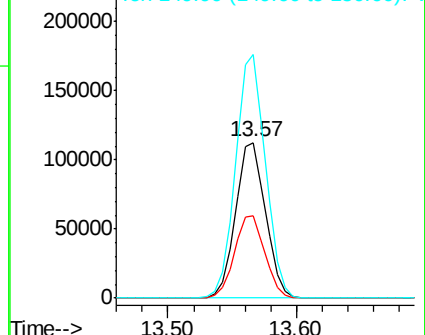
150 156.5 0.0 344.6

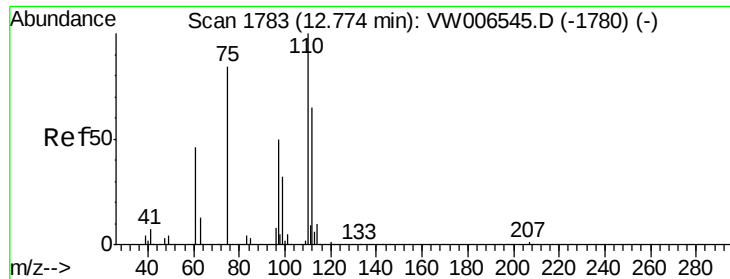


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 41.86 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

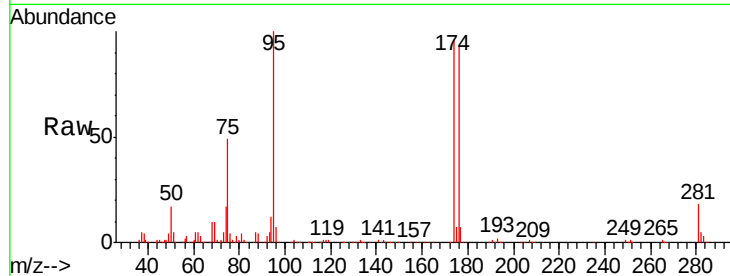
DL-05A

Tgt Ion: 75 Resp: 59196

Ion Ratio Lower Upper

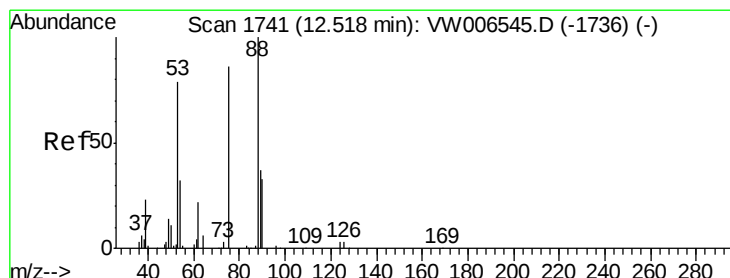
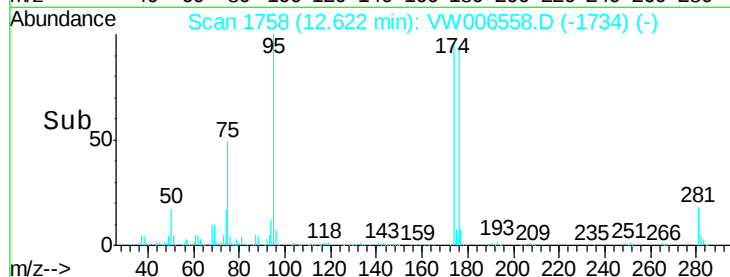
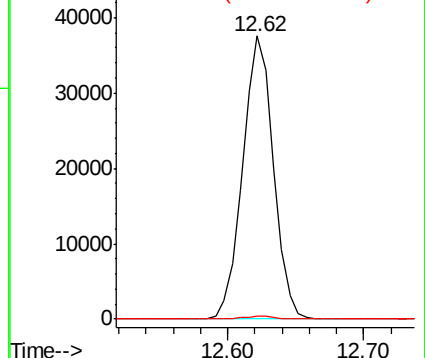
75 100

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: 105.30 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006558.D

Acq: 01 Nov 2018 14:49

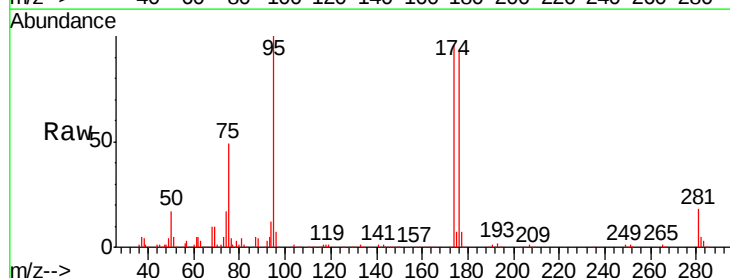
Tgt Ion: 75 Resp: 59196

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 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

