

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007265.D
 Acq On : 06 Dec 2018 07:55
 Operator : SY/AP
 Sample : J6233-03
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:37:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	191987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80476	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	47471	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
35) Dibromofluoromethane	7.89	113	45359	41.26	ug/l	0.00
Spiked Amount			Recovery	=	82.52%	
50) Toluene-d8	10.33	98	183393	37.87	ug/l	0.00
Spiked Amount			Recovery	=	75.74%	
62) 4-Bromofluorobenzene	12.62	95	65533	35.85	ug/l	0.00
Spiked Amount			Recovery	=	71.70%	

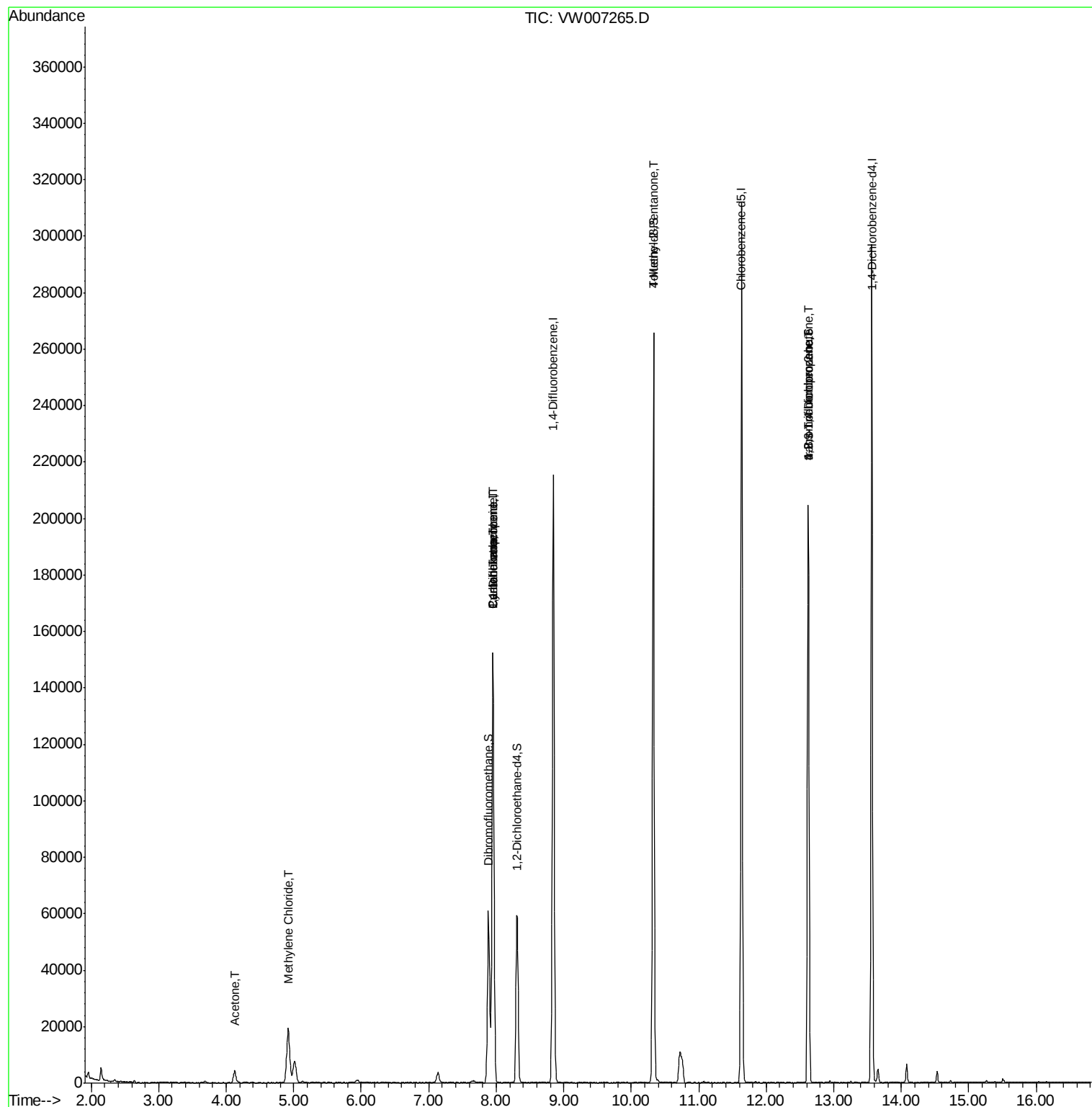
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	48	Below Cal	#	75
16) Acetone	4.12	43	7448	30.310	ug/l #	87
20) Methylene Chloride	4.92	84	15107	7.807	ug/l	93
31) Cyclohexane	7.95	56	2209	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8199	4.389	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11703	6.138	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	776	1.200	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	33444	53.671	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	33444	115.679	ug/l #	13

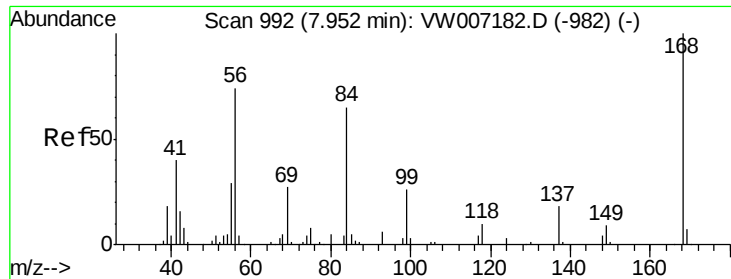
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 05 01:35:23 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: VW007265.D

Acq: 06 Dec 2018 07:55

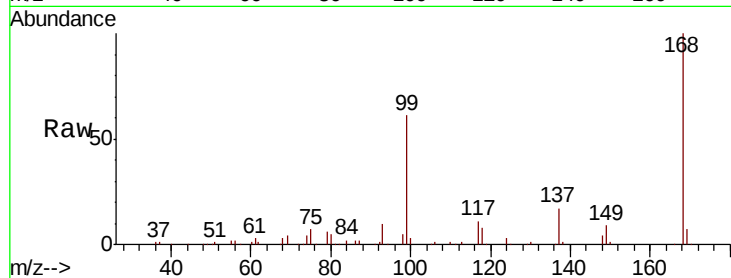
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 111485

Ion Ratio Lower Upper

168 100

99 60.7 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

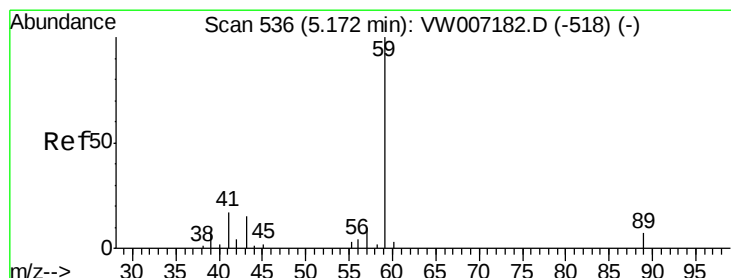
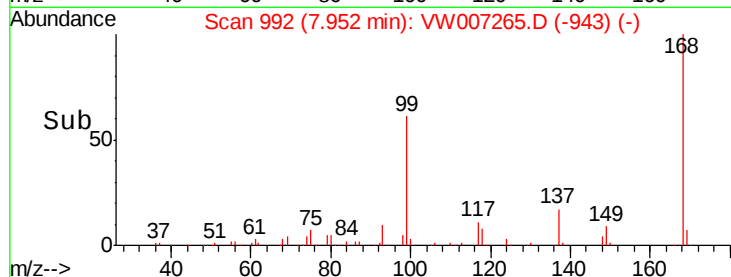
20000

10000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW007265.D

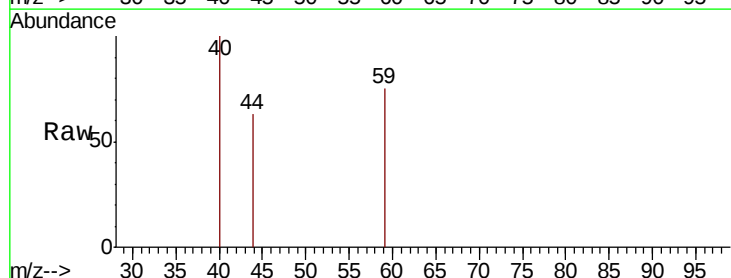
Acq: 06 Dec 2018 07:55

Tgt Ion: 59 Resp: 48

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

120

100

80

60

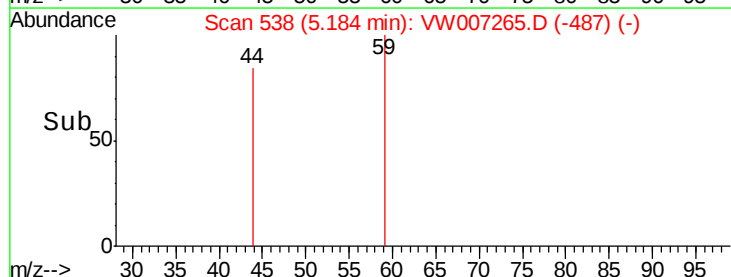
40

20

0

Time-->

5.16 5.17 5.18 5.19 5.20

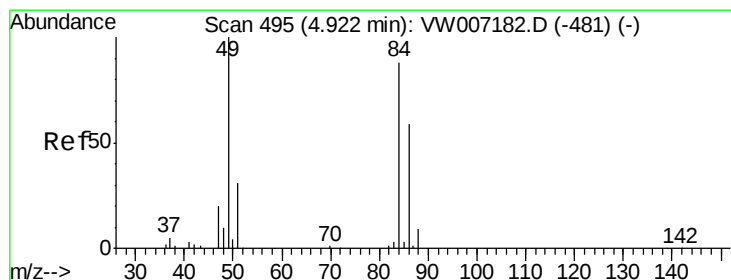
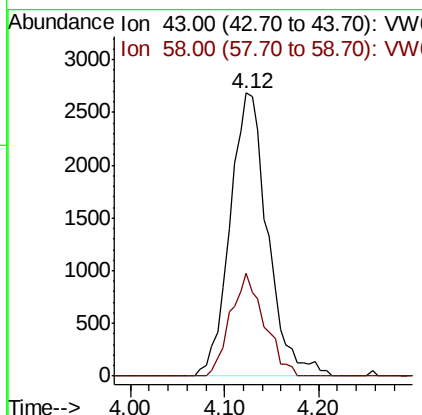
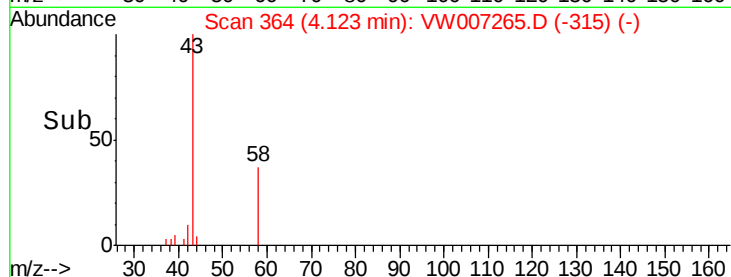
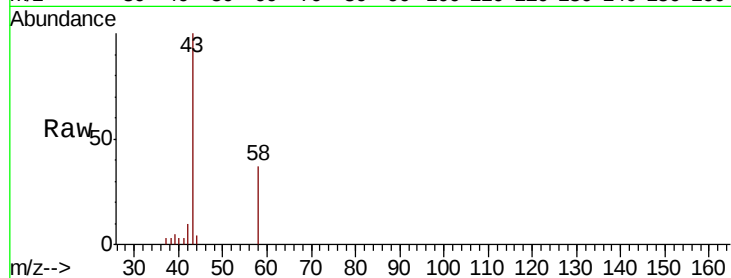




#16
Acetone
Concen: 30.310 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

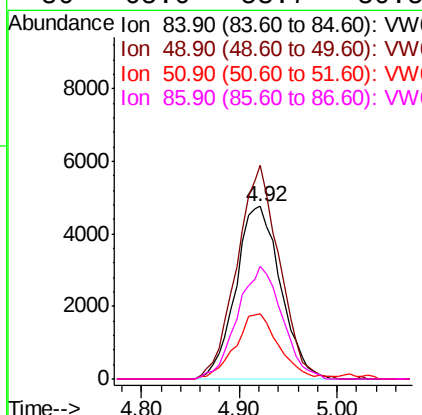
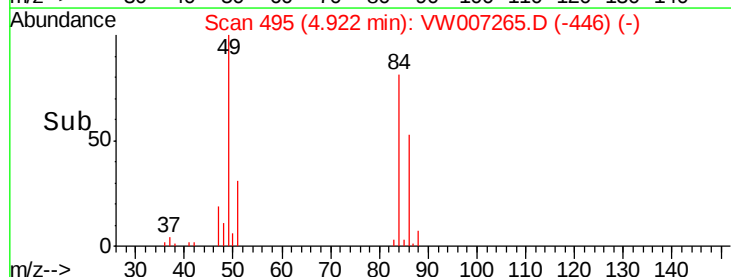
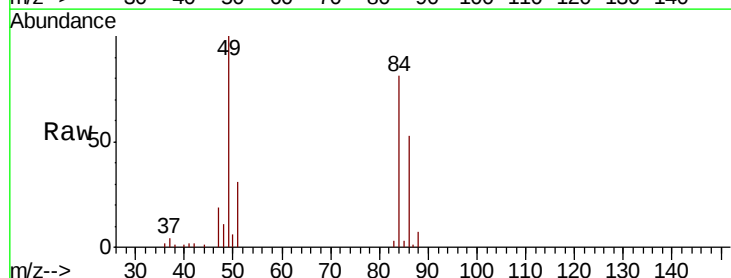
Instrument :
MSVOA_W
ClientSampled :

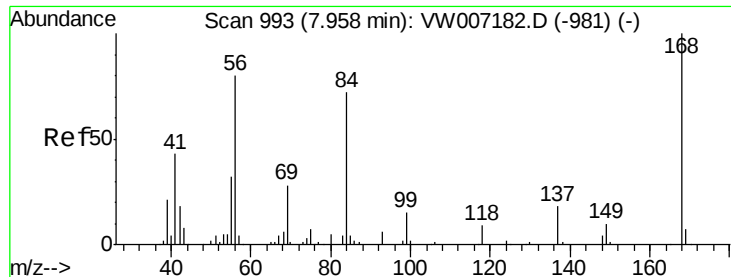
Tot Ion: 43 Resp: 7448
Ion Ratio Lower Upper
43 100
58 36.6 23.8 35.8#



#20
Methylene Chloride
Concen: 7.807 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

Tgt Ion: 84 Resp: 15107
Ion Ratio Lower Upper
84 100
49 123.7 90.6 135.8
51 37.8 27.6 41.4
86 65.0 53.7 80.5

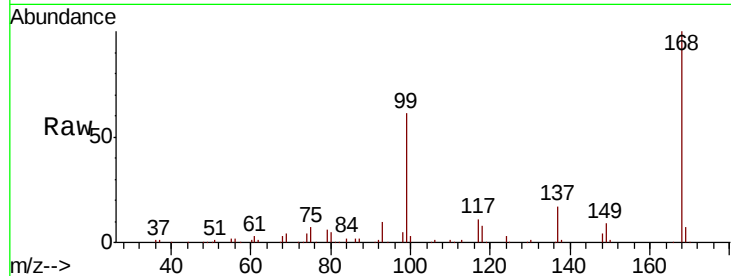




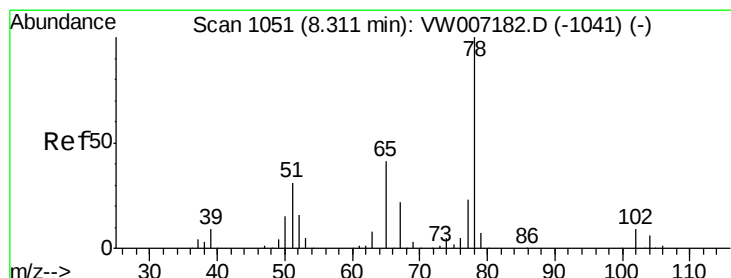
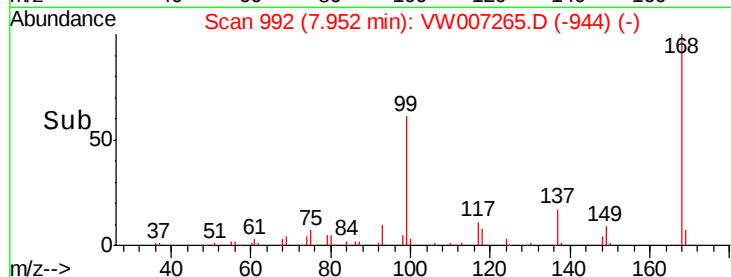
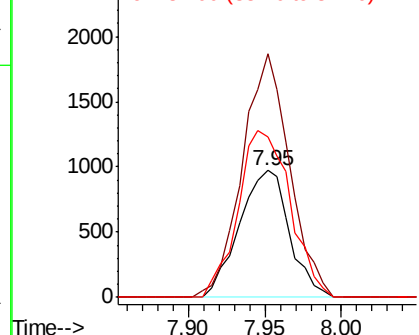
#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2209
Ion Ratio Lower Upper
56 100
69 191.9 28.2 42.2#
84 126.7 72.1 108.1#

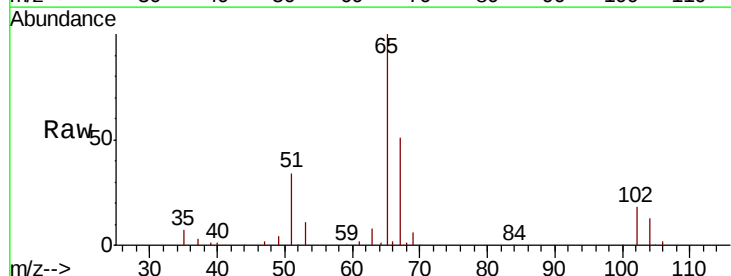


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

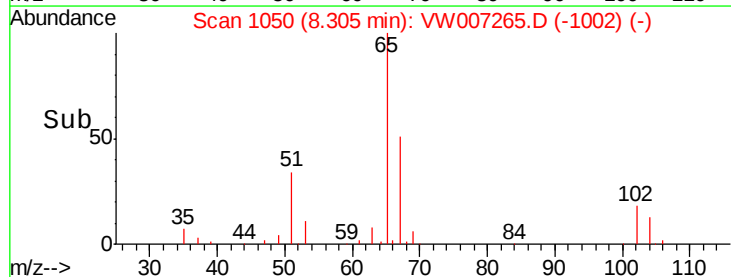
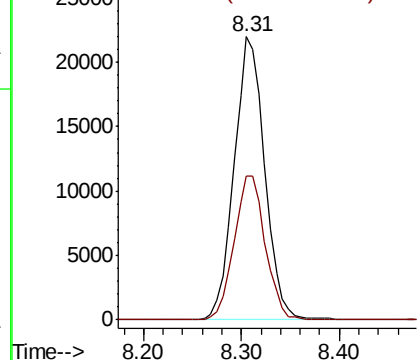


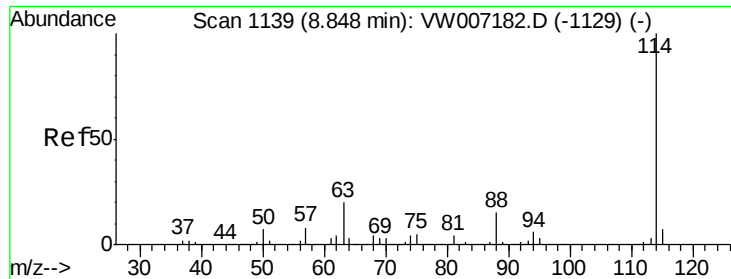
#33
1,2-Dichloroethane-d4
Concen: 45.734 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

Tgt Ion: 65 Resp: 47471
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.4



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

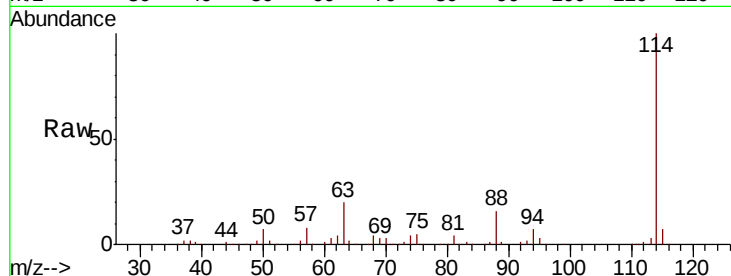




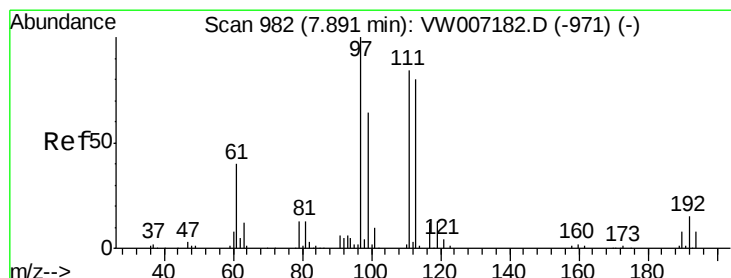
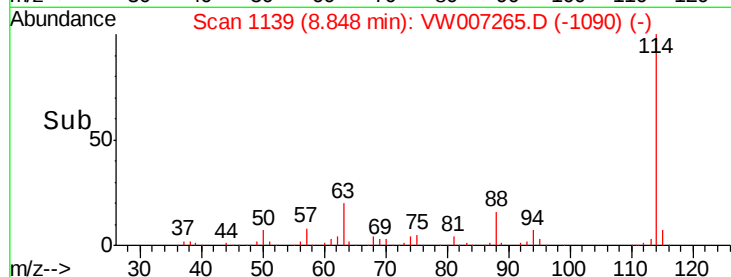
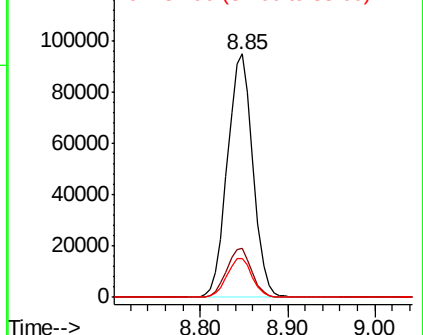
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 191987
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 16.1 0.0 30.0

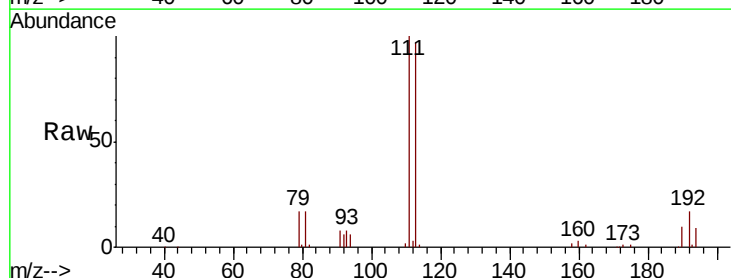


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

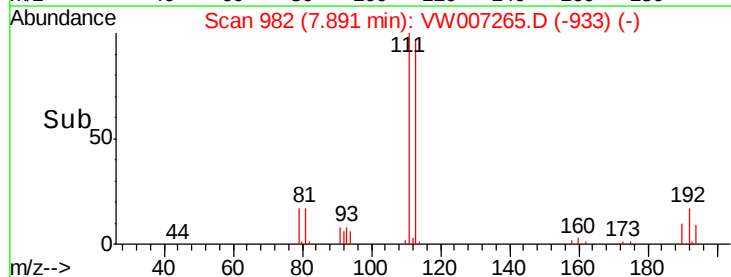
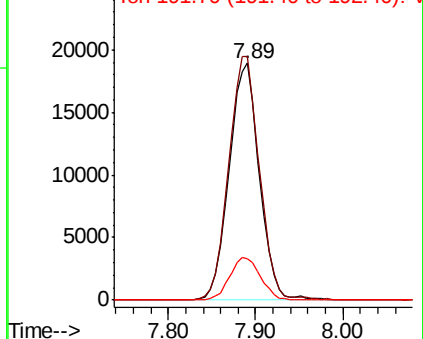


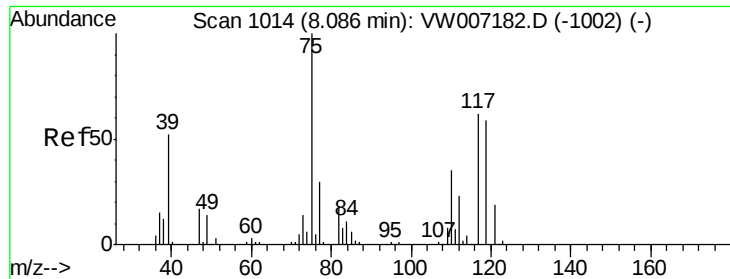
#35
Dibromofluoromethane
Concen: 41.261 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

Tgt Ion:113 Resp: 45359
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 18.1 14.4 21.6



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

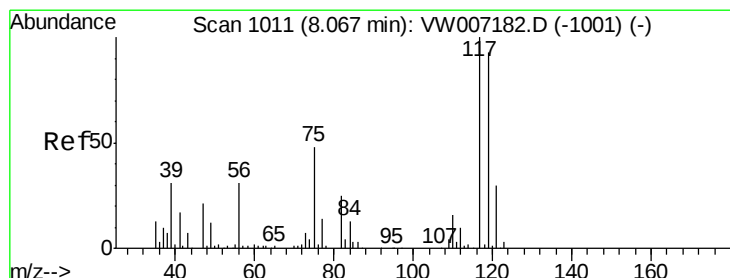
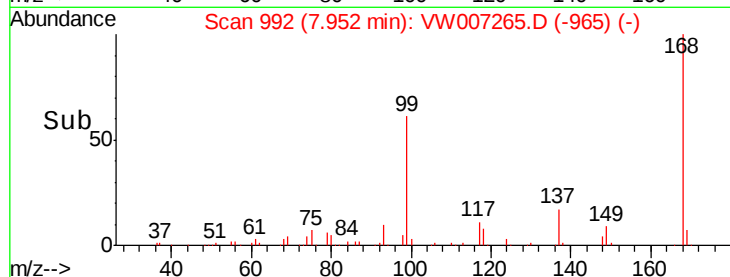
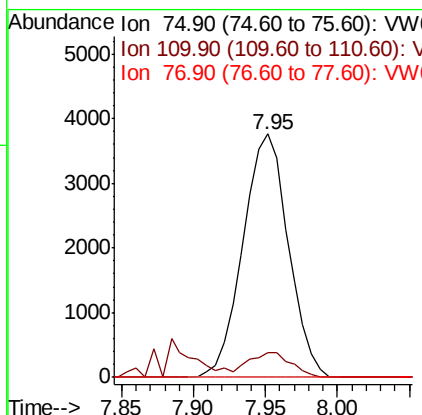
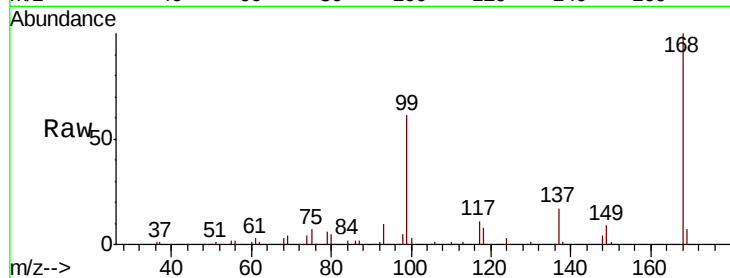




#36
 1,1-Dichloropropene
 Concen: 4.389 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007265.D
 Acq: 06 Dec 2018 07:55

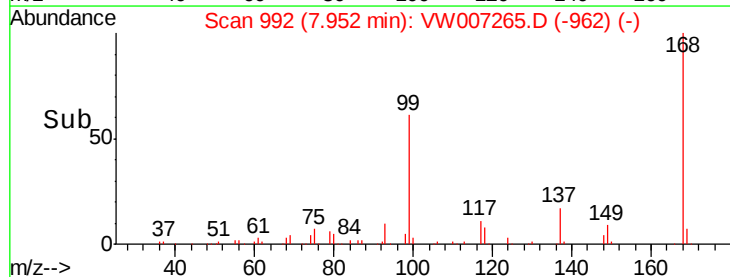
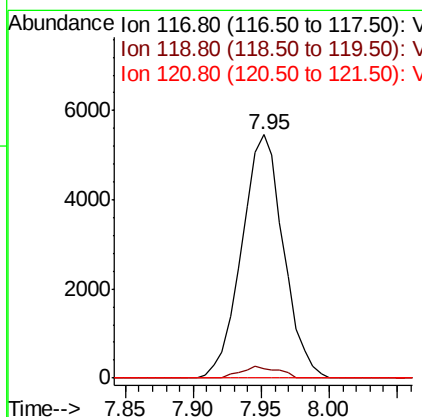
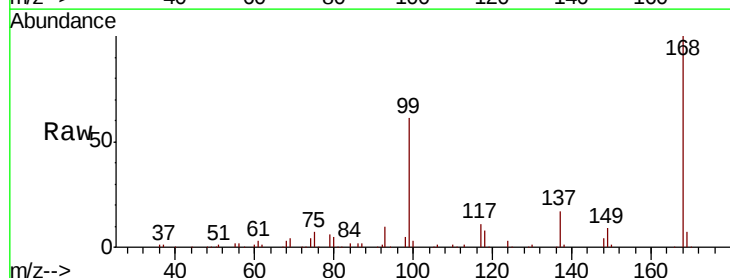
Instrument :
 MSVOA_W
 ClientSampleId :

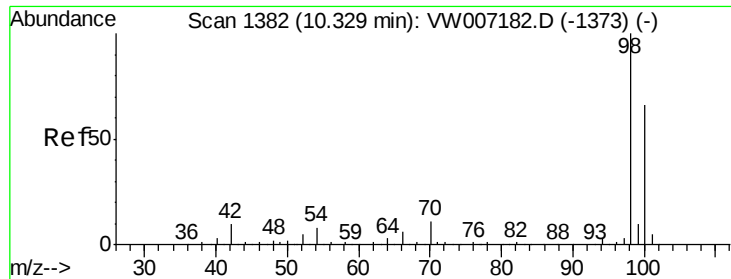
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.138 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007265.D
 Acq: 06 Dec 2018 07:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.1	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 37.872 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007265.D

Acq: 06 Dec 2018 07:55

Instrument :

MSVOA_W

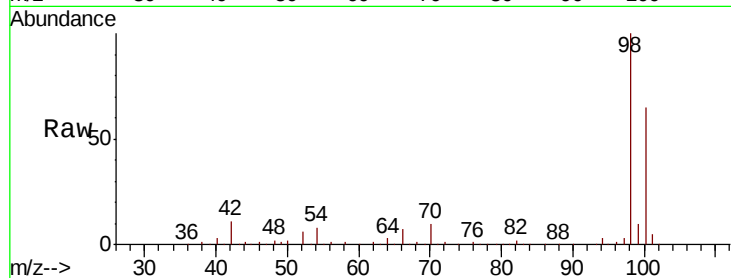
ClientSampleId :

Tot Ion: 98 Resp: 183393

Ion Ratio Lower Upper

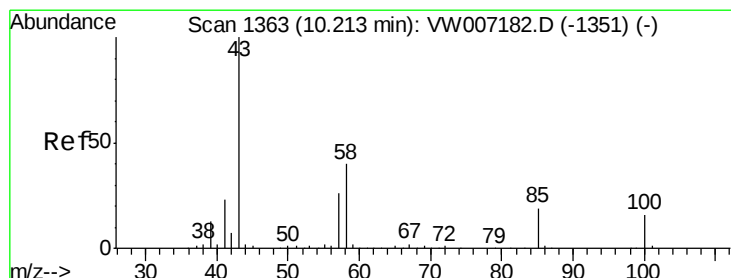
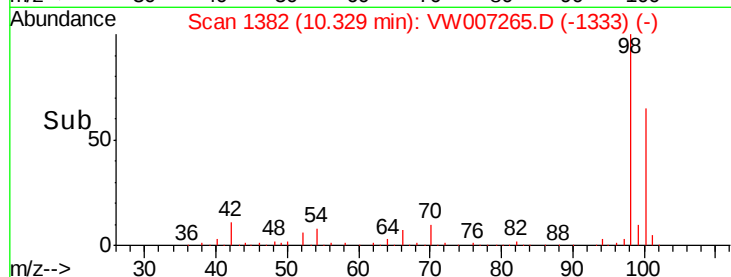
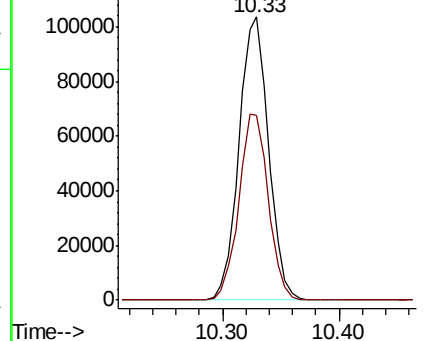
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.200 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007265.D

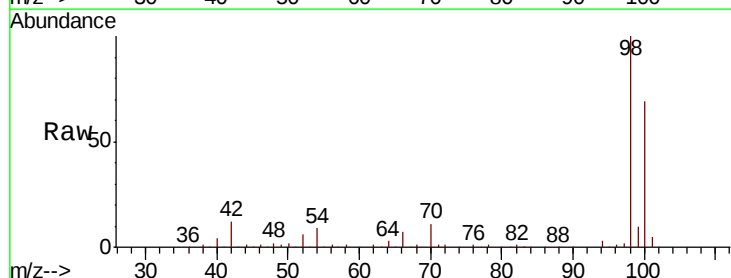
Acq: 06 Dec 2018 07:55

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

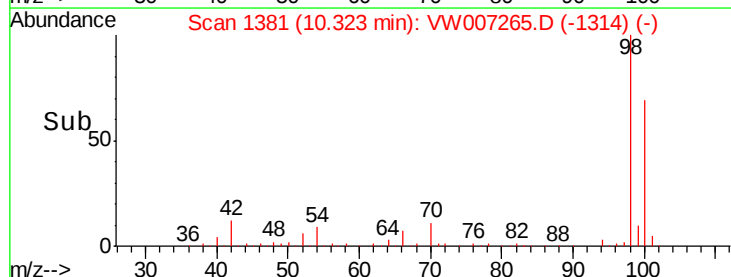
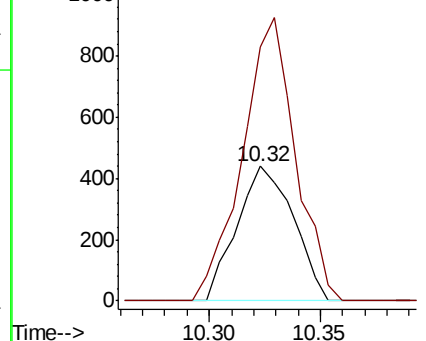
43 100

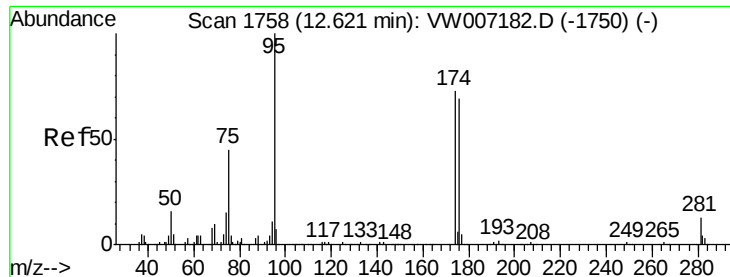
58 198.3 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

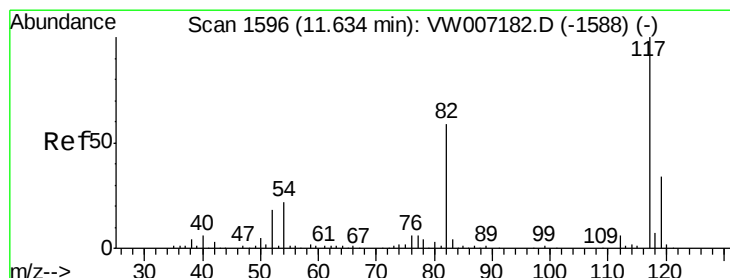
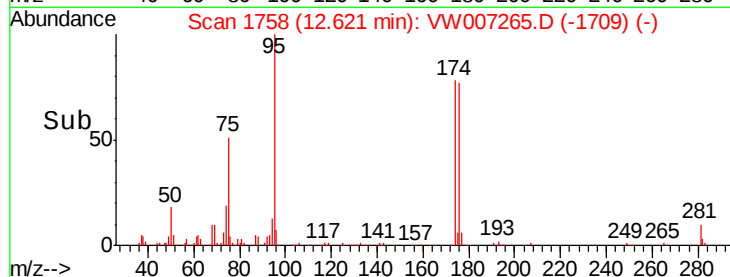
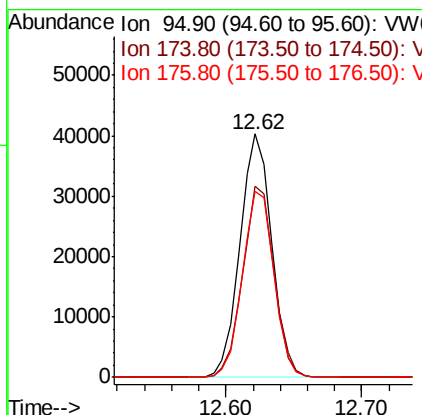
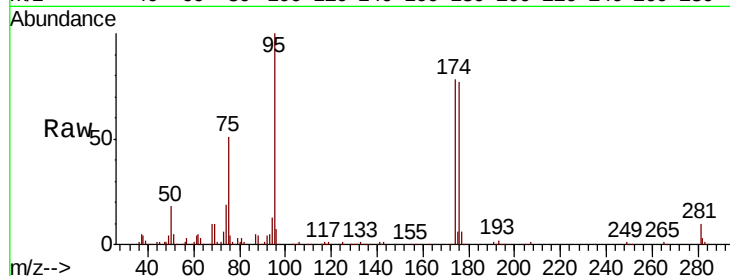




#62
4-Bromofluorobenzene
Concen: 35.854 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

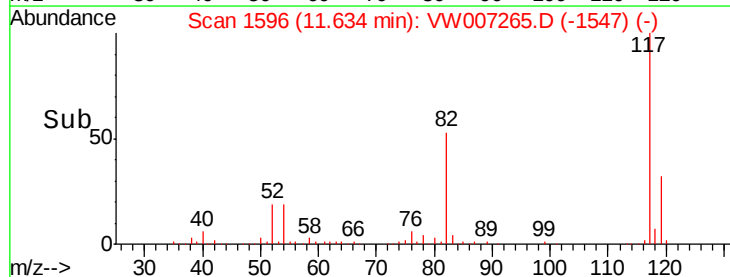
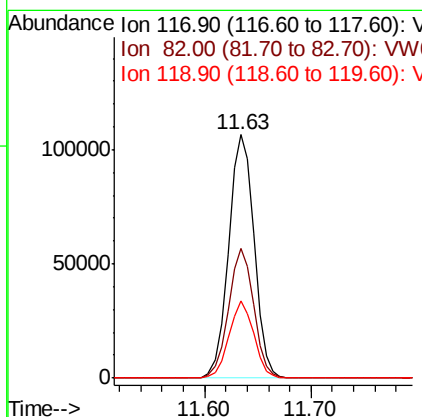
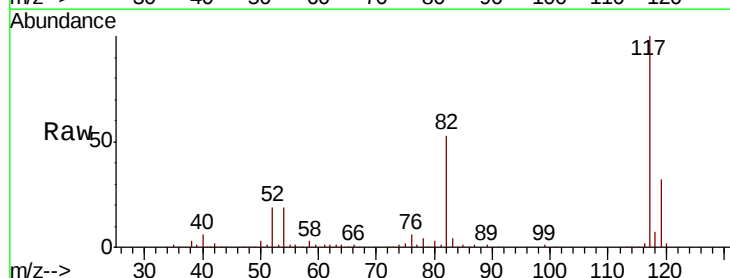
Instrument :
MSVOA_W
ClientSampleId :

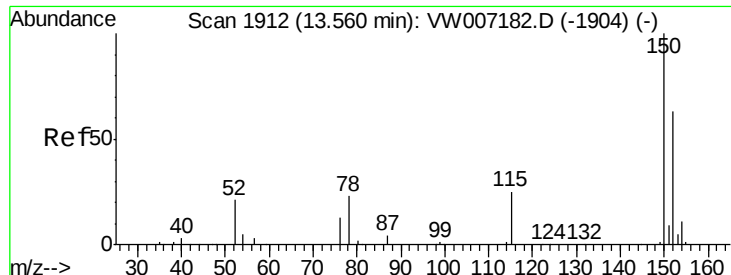
Tot Ion: 95 Resp: 65533
Ion Ratio Lower Upper
95 100
174 78.0 0.0 148.0
176 76.2 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007265.D
Acq: 06 Dec 2018 07:55

Tgt Ion: 117 Resp: 178533
Ion Ratio Lower Upper
117 100
82 53.3 47.4 71.2
119 31.6 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007265.D

Acq: 06 Dec 2018 07:55

Instrument :

MSVOA_W

ClientSampled :

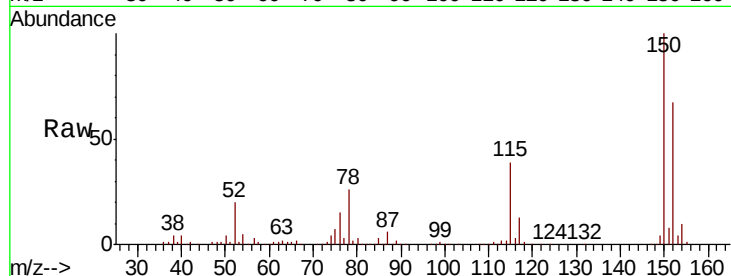
Tot Ion:152 Resp: 80476

Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

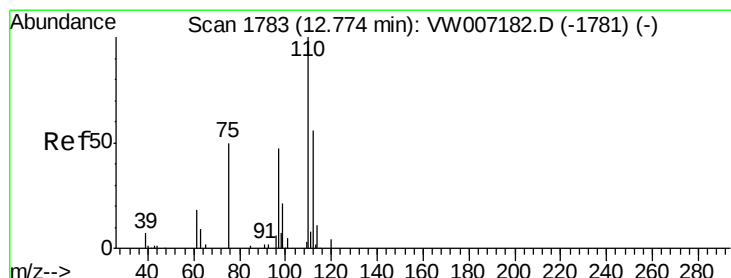
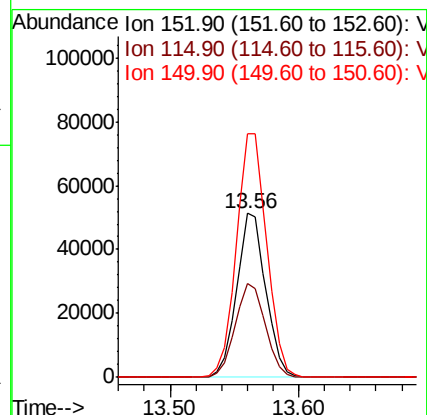
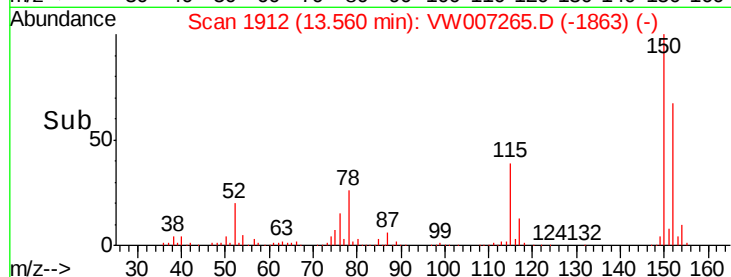
150 154.8 0.0 358.0



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: 53.671 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007265.D

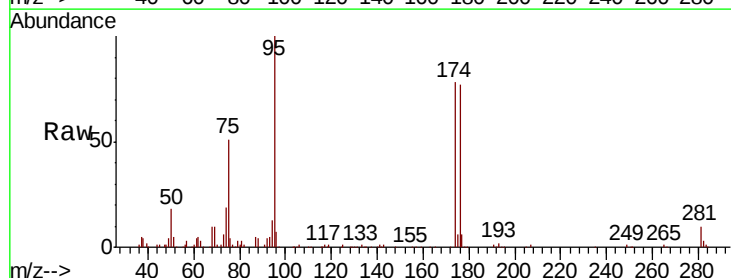
Acq: 06 Dec 2018 07:55

Tgt Ion: 75 Resp: 33444

Ion Ratio Lower Upper

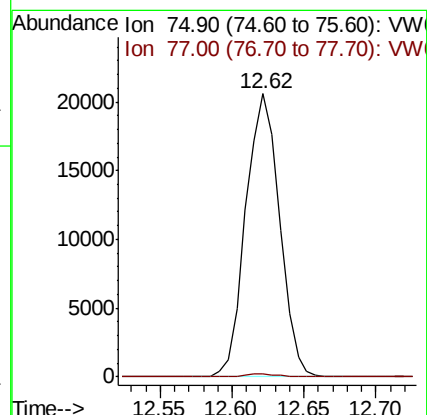
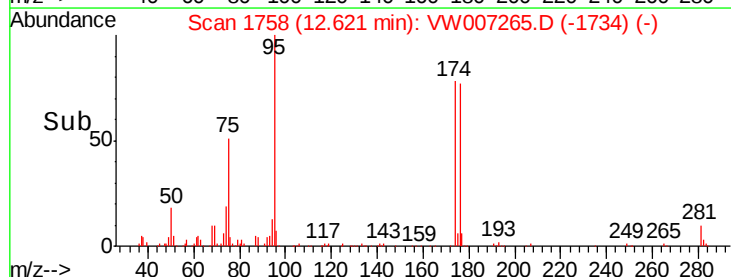
75 100

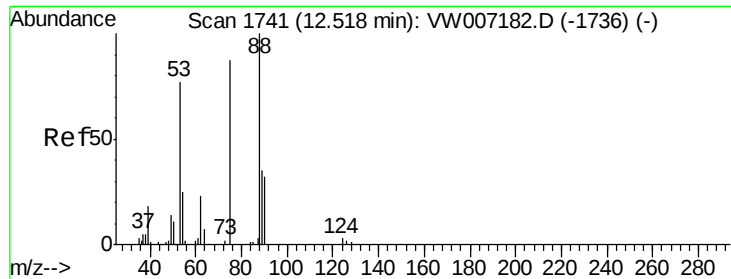
77 0.9 0.0 0.0#



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: 115.679 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007265.D

Acq: 06 Dec 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

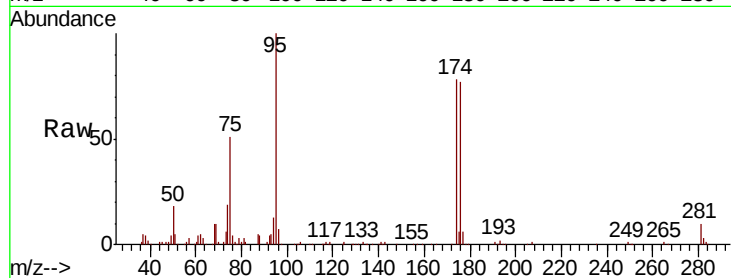
Tot Ion: 75 Resp: 33444

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#



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

