

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007223.D
 Acq On : 05 Dec 2018 08:41
 Operator : SY/AP
 Sample : J6208-11
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 05 10:59:43 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	101961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	169356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47426	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
35) Dibromofluoromethane	7.89	113	45120	46.53	ug/l	0.00
Spiked Amount						
			Recovery	=	93.06%	
50) Toluene-d8	10.33	98	172087	40.29	ug/l	0.00
Spiked Amount						
			Recovery	=	80.58%	
62) 4-Bromofluorobenzene	12.62	95	57657	35.76	ug/l	0.00
Spiked Amount						
			Recovery	=	71.52%	

Target Compounds

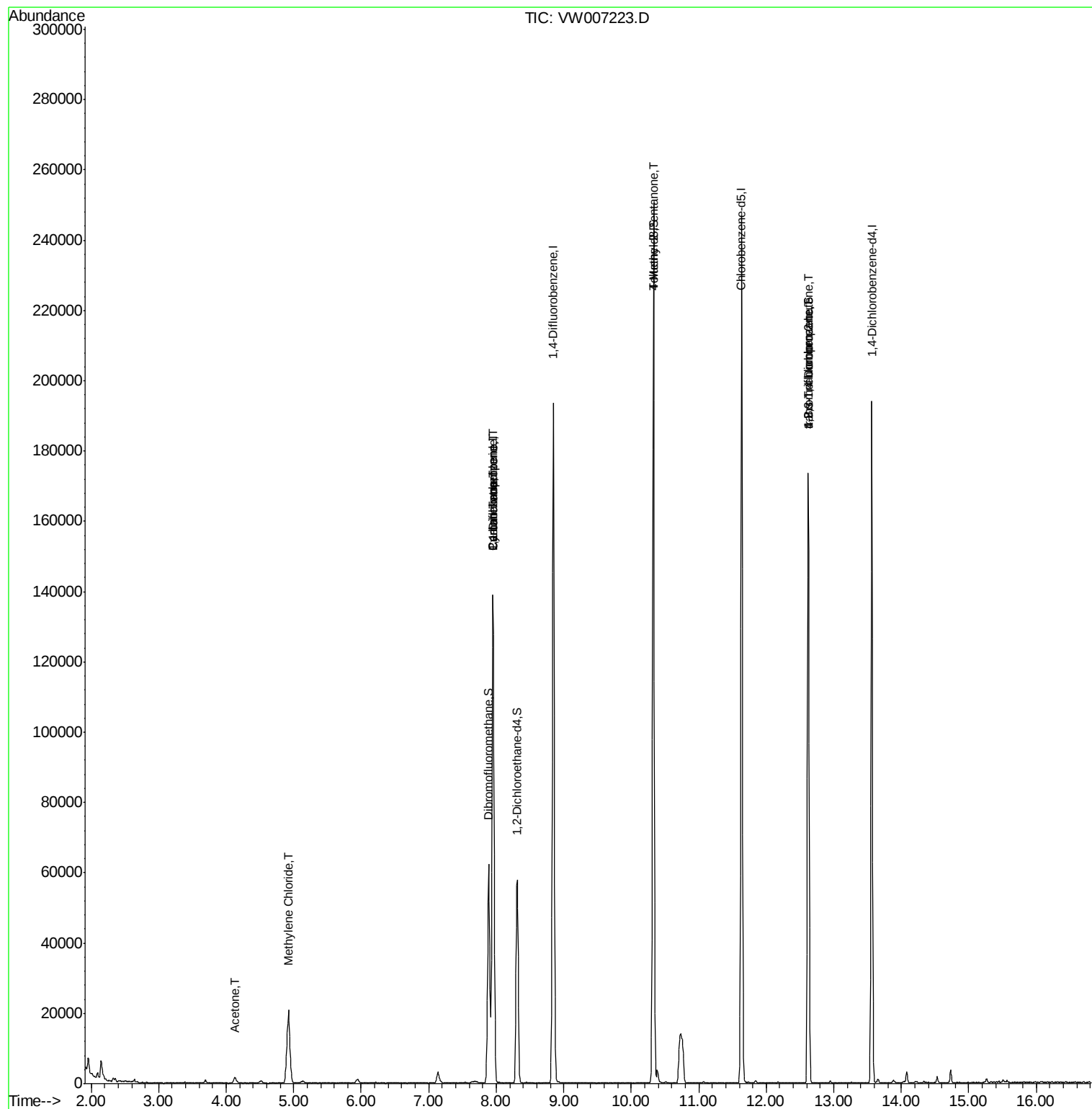
					Qvalue	
11) Tert butyl alcohol	5.13	59	278	Below Cal	#	75
16) Acetone	4.13	43	3116	13.865	ug/l #	86
20) Methylene Chloride	4.93	84	16342	10.299	ug/l	98
31) Cyclohexane	7.95	56	2179	1.157	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	7541	4.576	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10781	6.410	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	680	1.192	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	28941	72.876	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	28941	157.073	ug/l #	13

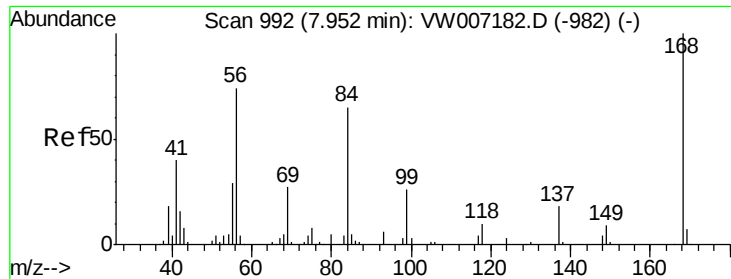
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW007223.D

Acq: 05 Dec 2018 08:41

Instrument :

MSVOA_W

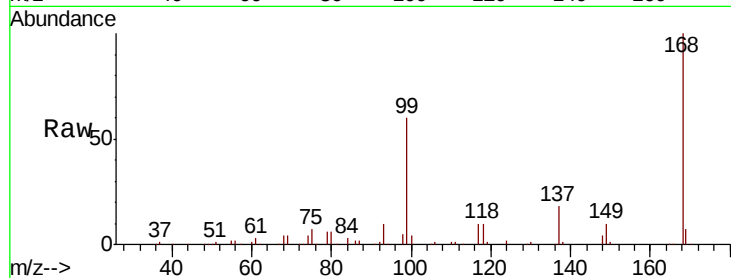
ClientSampled :

Tot Ion:168 Resp: 101961

Ion Ratio Lower Upper

168 100

99 60.4 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

50000

40000

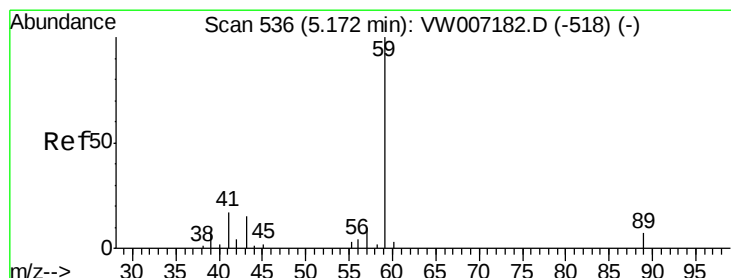
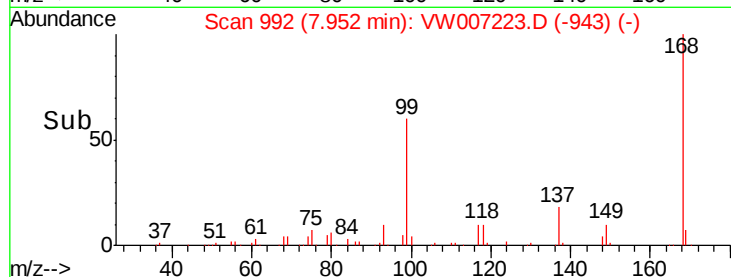
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW007223.D

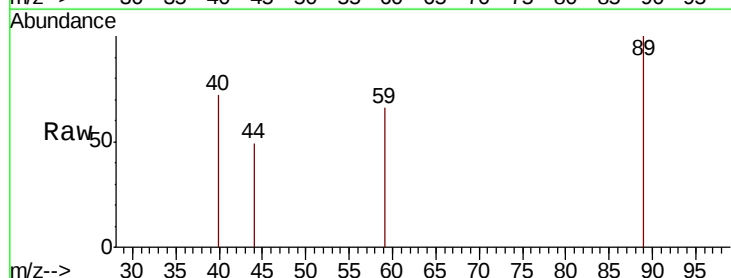
Acq: 05 Dec 2018 08:41

Tgt Ion: 59 Resp: 278

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

5.13

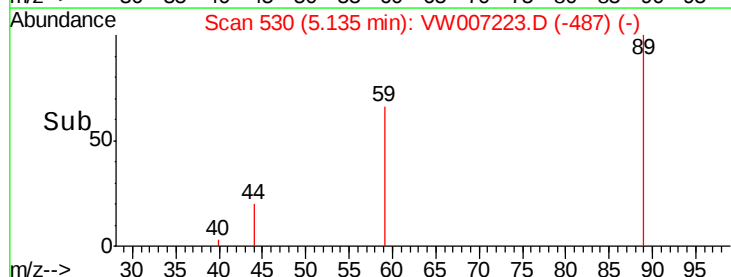
150

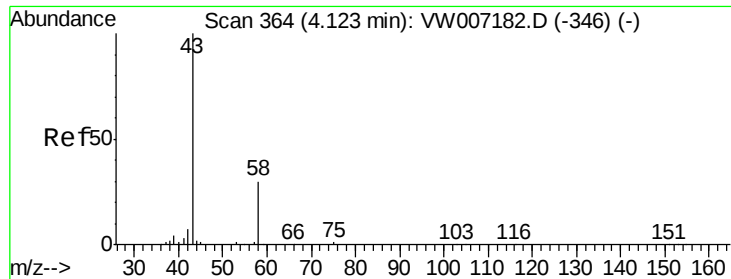
100

50

0

Time--> 5.08 5.10 5.12 5.14





#16

Acetone

Concen: 13.865 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007223.D

Acq: 05 Dec 2018 08:41

Instrument :

MSVOA_W

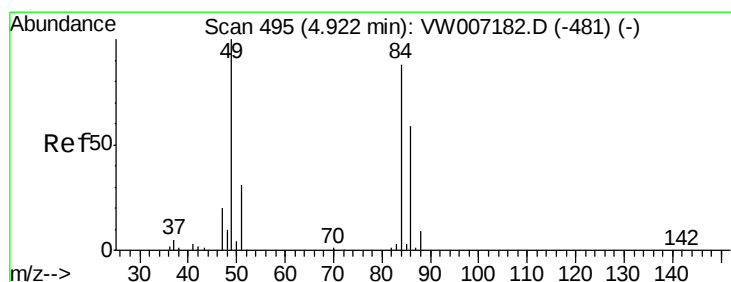
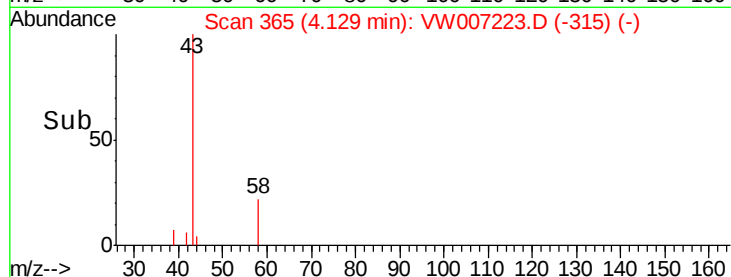
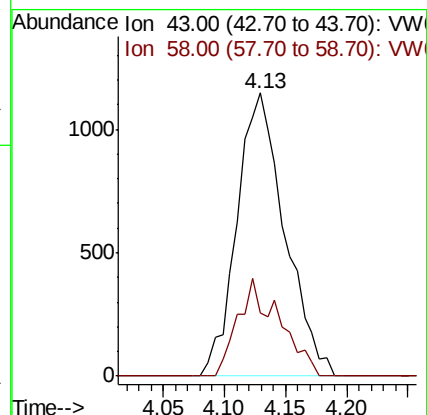
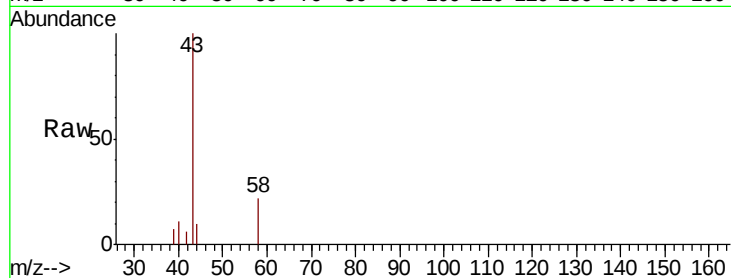
ClientSampled :

Tot Ion: 43 Resp: 3116

Ion Ratio Lower Upper

43 100

58 22.5 23.8 35.8#



#20

Methylene Chloride

Concen: 10.299 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007223.D

Acq: 05 Dec 2018 08:41

Tgt Ion: 84 Resp: 16342

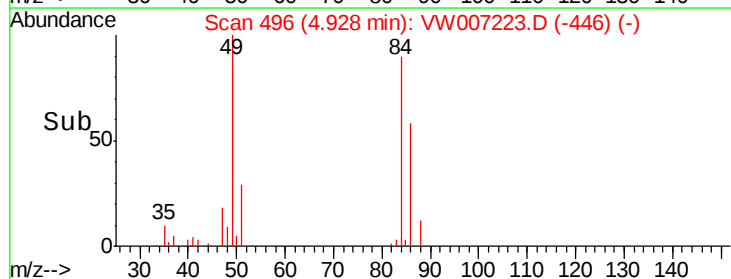
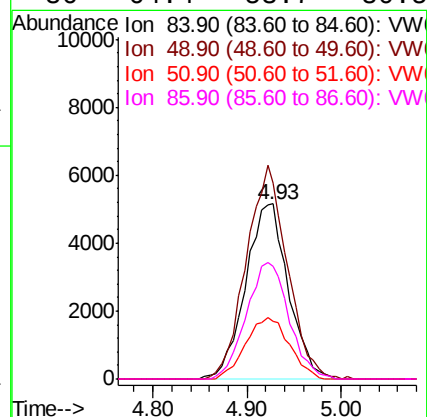
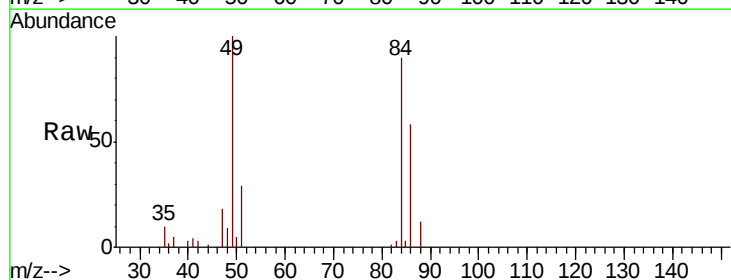
Ion Ratio Lower Upper

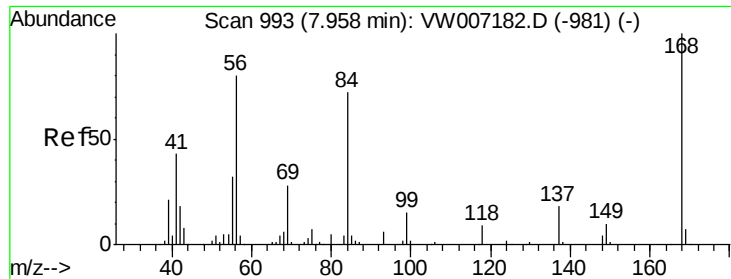
84 100

49 111.5 90.6 135.8

51 32.9 27.6 41.4

86 64.4 53.7 80.5

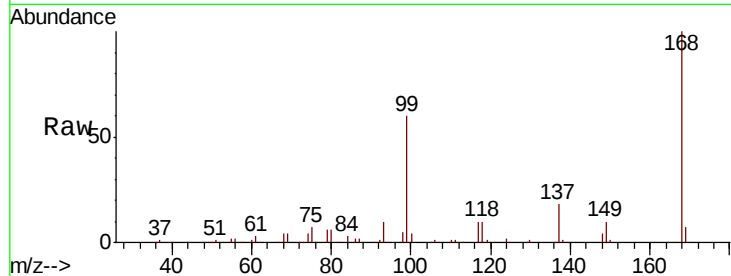




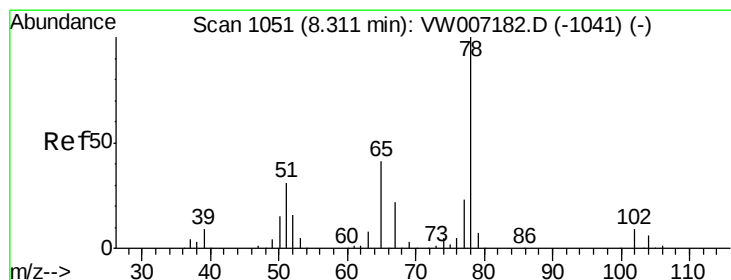
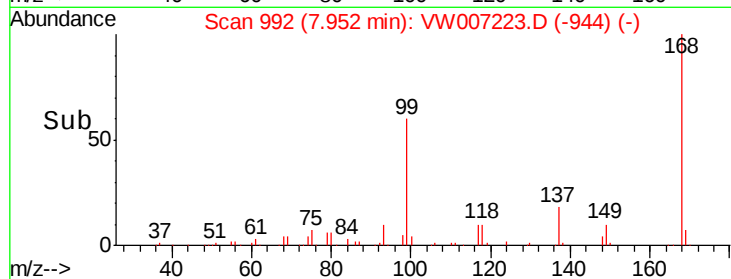
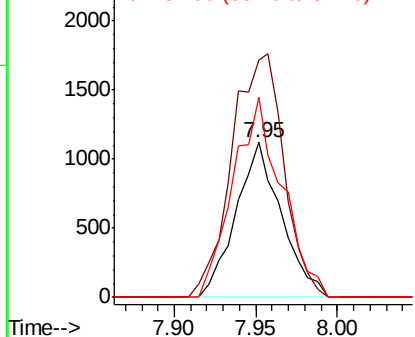
#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007223.D
Acq: 05 Dec 2018 08:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2179
Ion Ratio Lower Upper
56 100
69 153.5 28.2 42.2#
84 129.6 72.1 108.1#

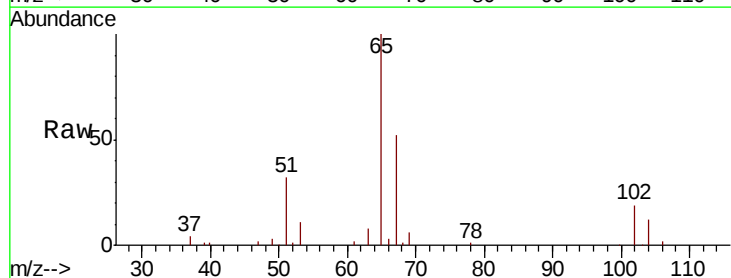


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

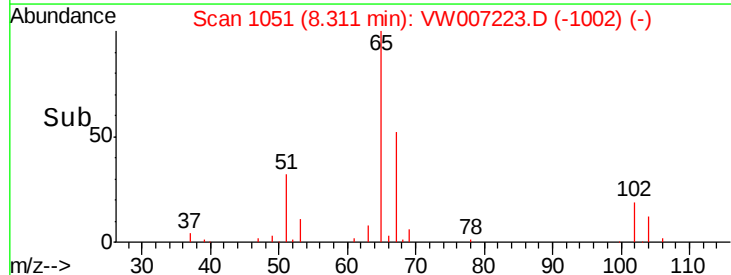
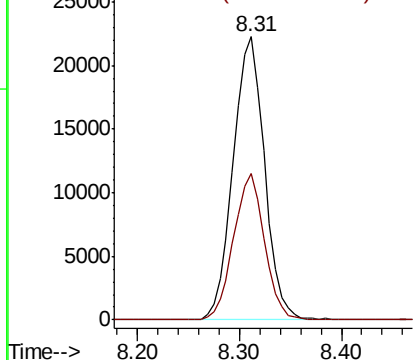


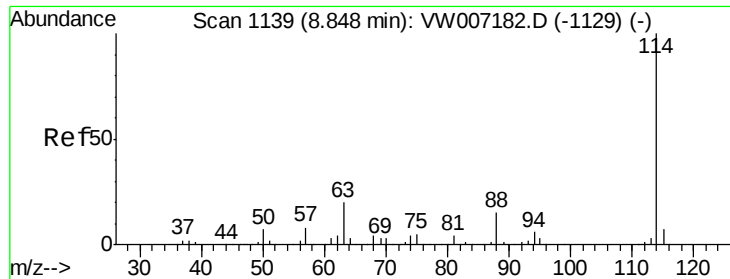
#33
1,2-Dichloroethane-d4
Concen: 49.959 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007223.D
Acq: 05 Dec 2018 08:41

Tgt Ion: 65 Resp: 47426
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.4



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

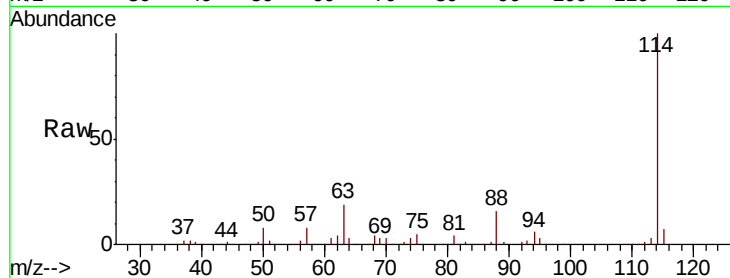




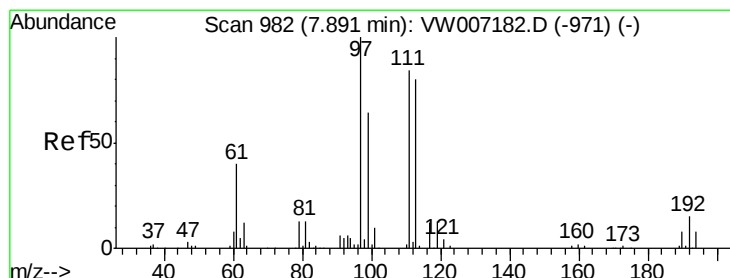
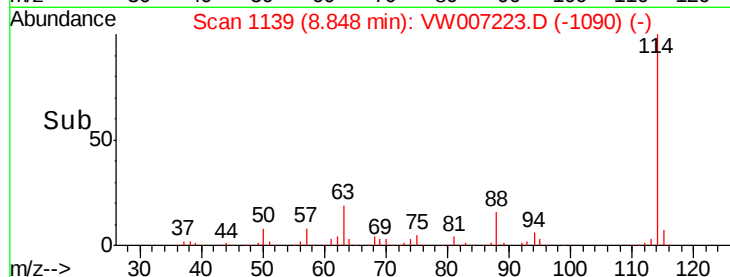
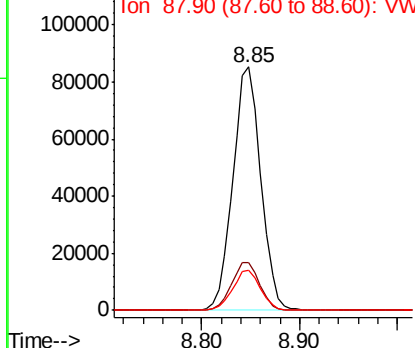
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007223.D
Acq: 05 Dec 2018 08:41

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:114 Resp: 169356
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.2
88 16.2 0.0 30.0

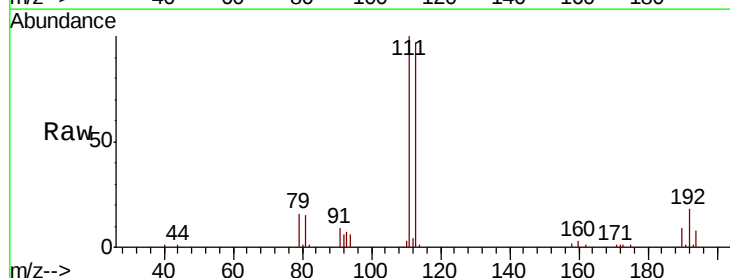


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

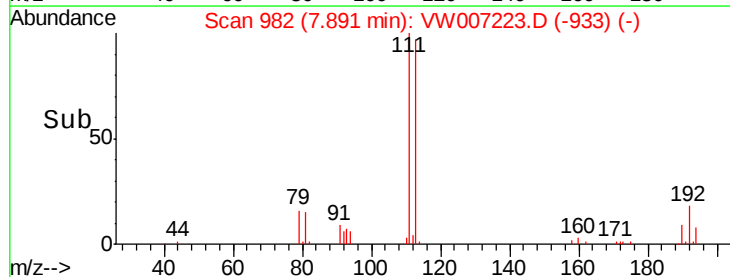
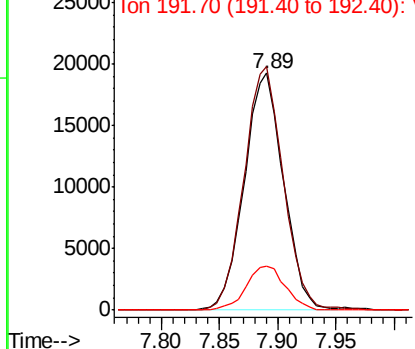


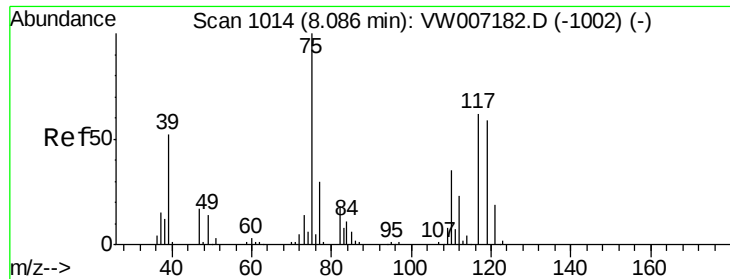
#35
Dibromofluoromethane
Concen: 46.529 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007223.D
Acq: 05 Dec 2018 08:41

Tgt Ion:113 Resp: 45120
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.4 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

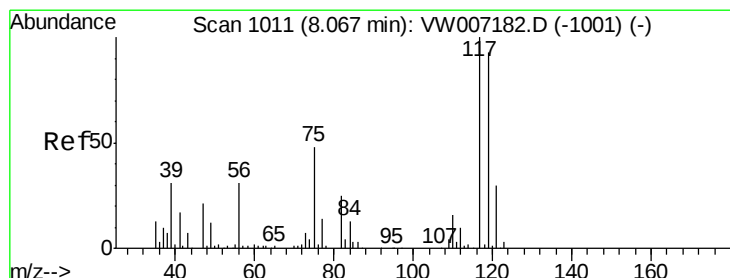
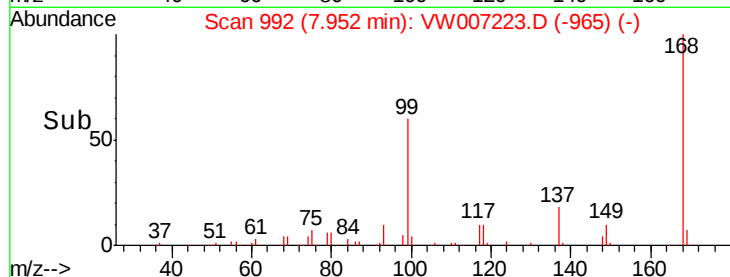
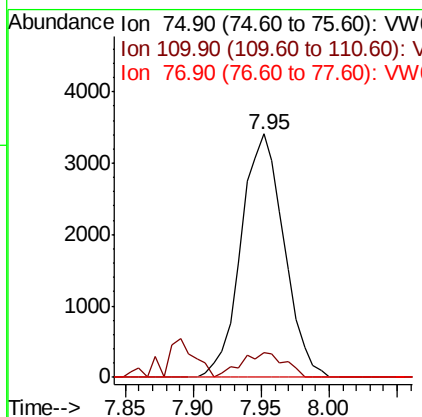
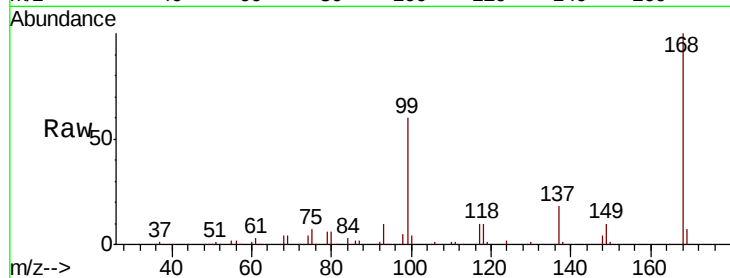




#36
 1,1-Dichloropropene
 Concen: 4.576 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007223.D
 Acq: 05 Dec 2018 08:41

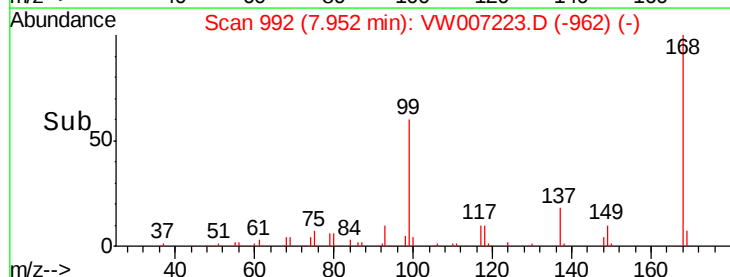
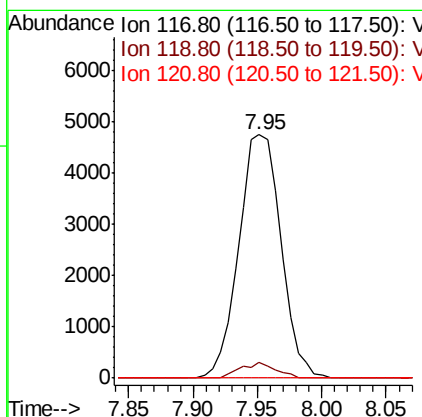
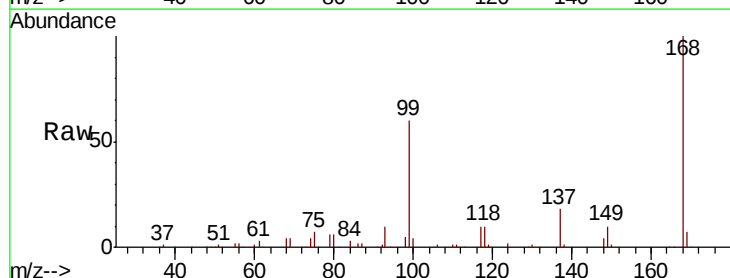
Instrument :
 MSVOA_W
 ClientSampleId :

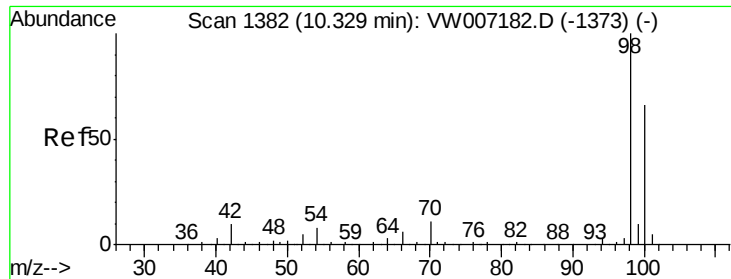
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.3	54.9#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.410 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007223.D
 Acq: 05 Dec 2018 08:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	74.1	111.1#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 40.286 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007223.D

Acq: 05 Dec 2018 08:41

Instrument :

MSVOA_W

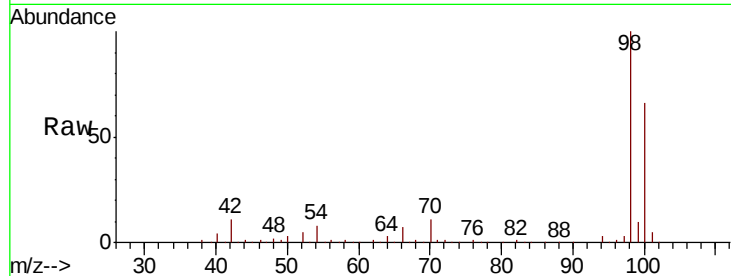
ClientSampleId :

Tot Ion: 98 Resp: 172087

Ion Ratio Lower Upper

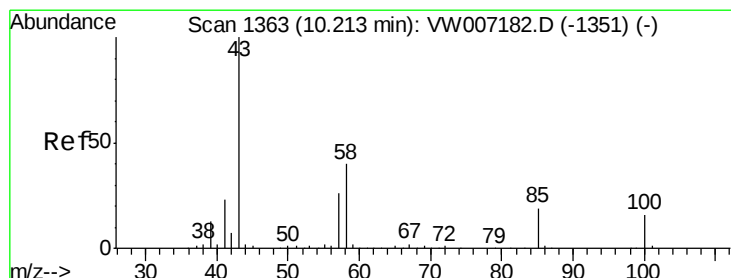
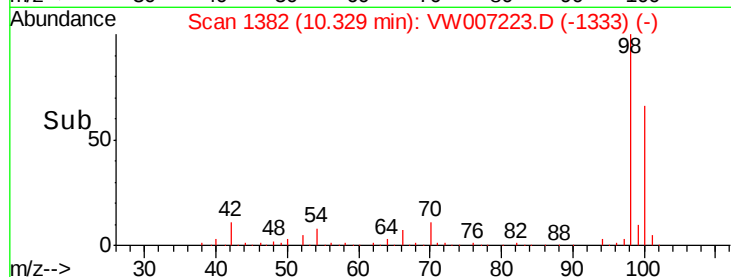
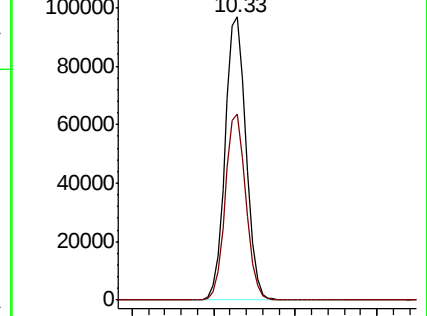
98 100

100 65.0 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: 1.192 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007223.D

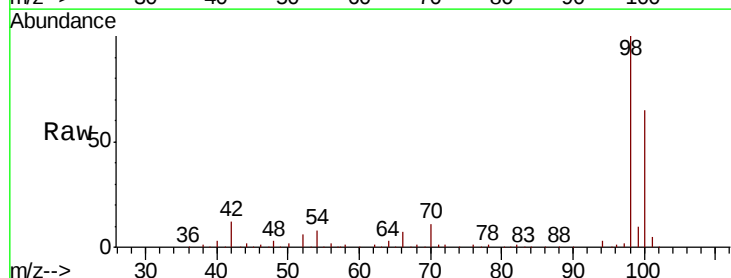
Acq: 05 Dec 2018 08:41

Tgt Ion: 43 Resp: 680

Ion Ratio Lower Upper

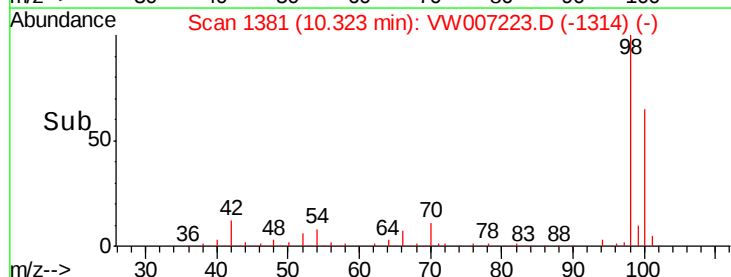
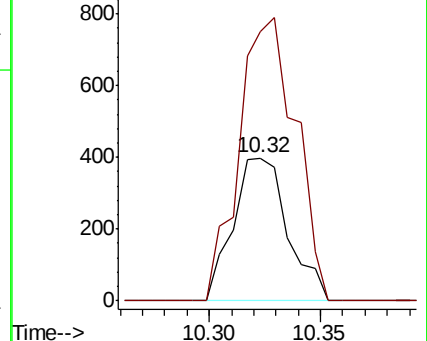
43 100

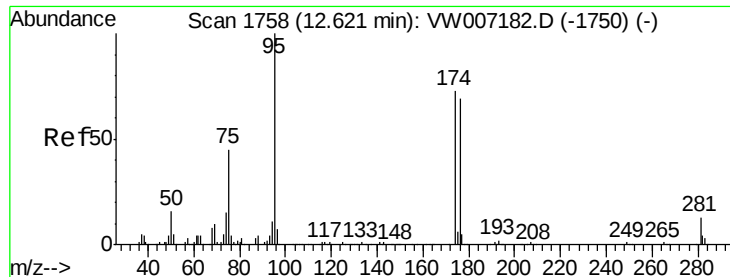
58 205.0 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

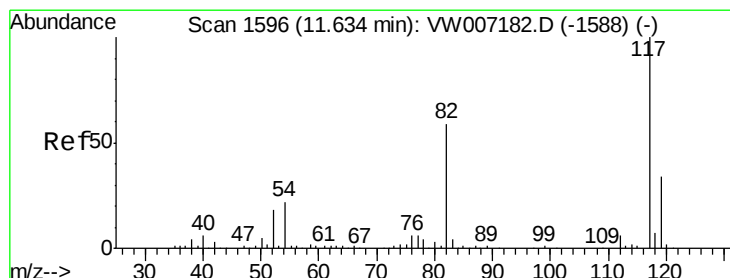
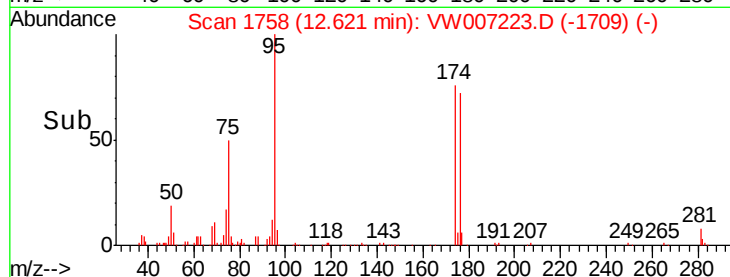
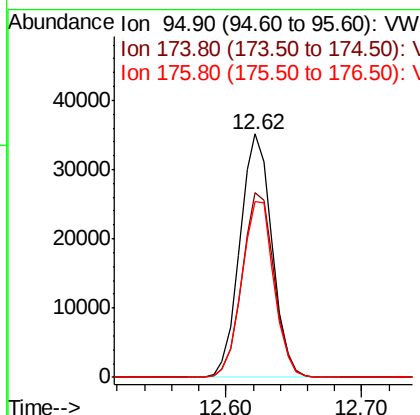
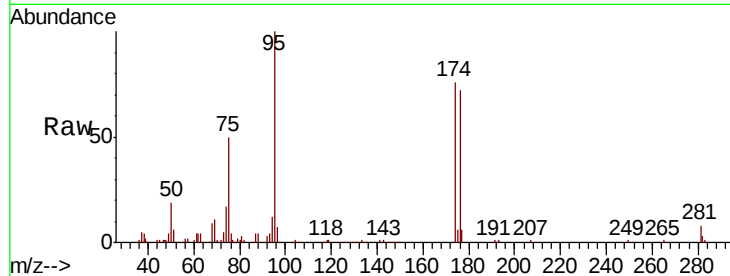




#62
4-Bromofluorobenzene
Concen: 35.761 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007223.D
Acq: 05 Dec 2018 08:41

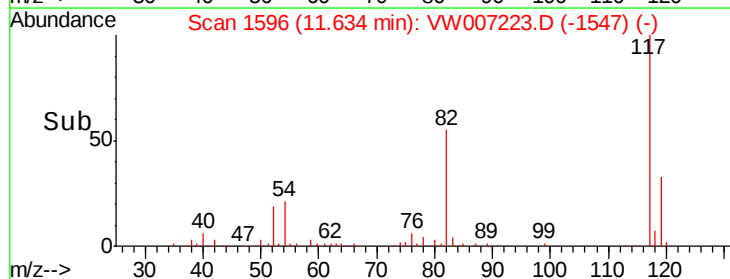
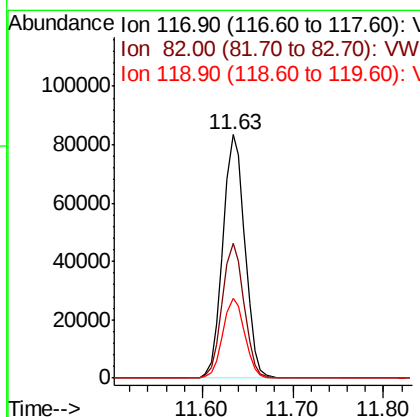
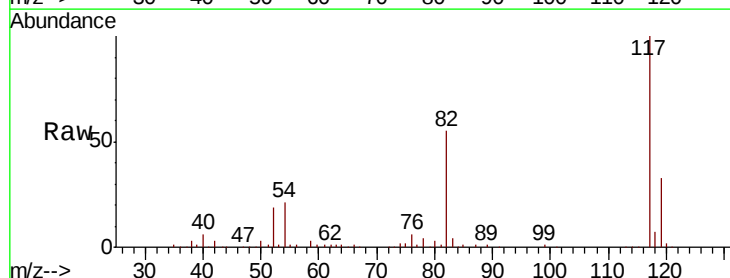
Instrument :
MSVOA_W
ClientSampled :

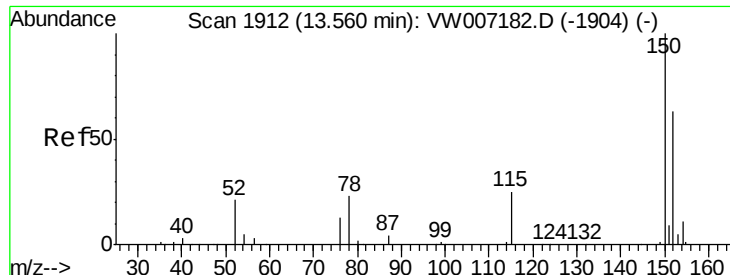
Tot Ion: 95 Resp: 57657
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.0
176 72.8 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007223.D
Acq: 05 Dec 2018 08:41

Tgt Ion: 117 Resp: 141361
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.6 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007223.D

Acq: 05 Dec 2018 08:41

Instrument :

MSVOA_W

ClientSampleId :

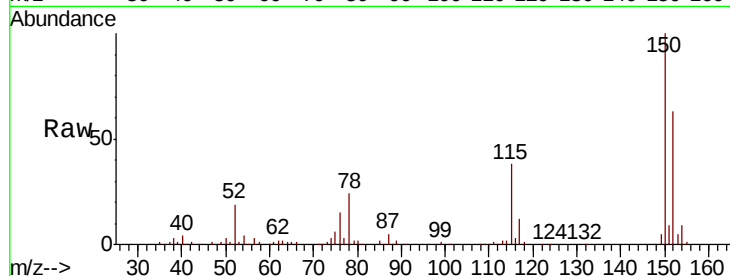
Tot Ion:152 Resp: 51288

Ion Ratio Lower Upper

152 100

115 62.1 31.3 93.8

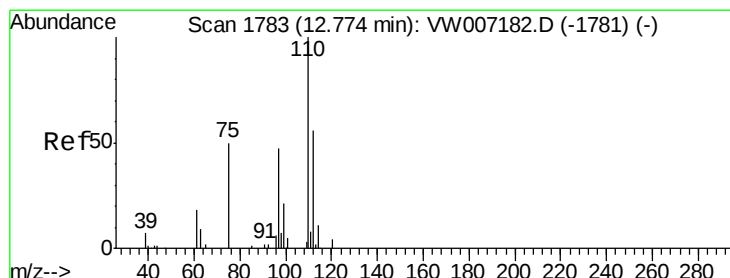
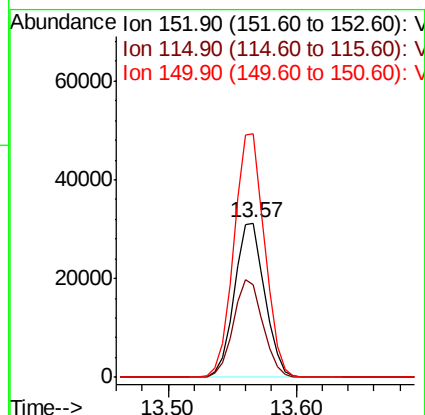
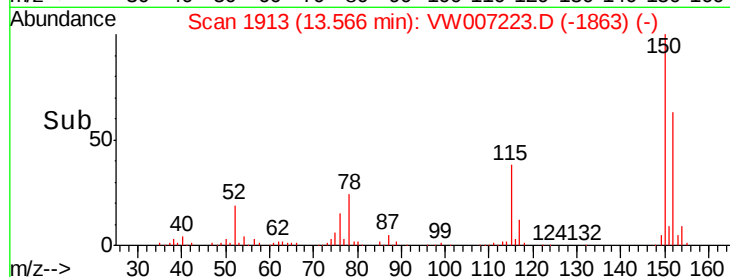
150 159.1 0.0 358.0



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: 72.876 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007223.D

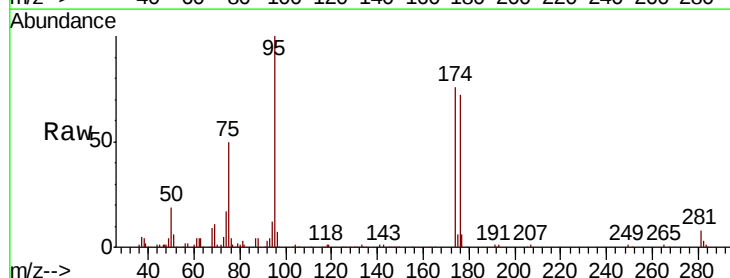
Acq: 05 Dec 2018 08:41

Tgt Ion: 75 Resp: 28941

Ion Ratio Lower Upper

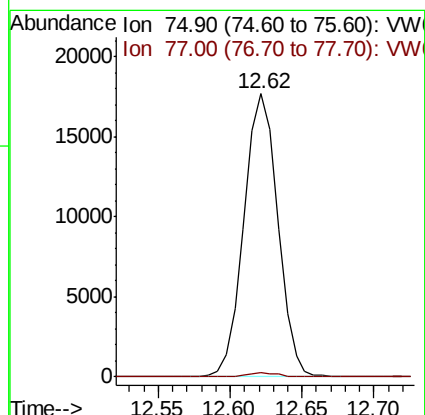
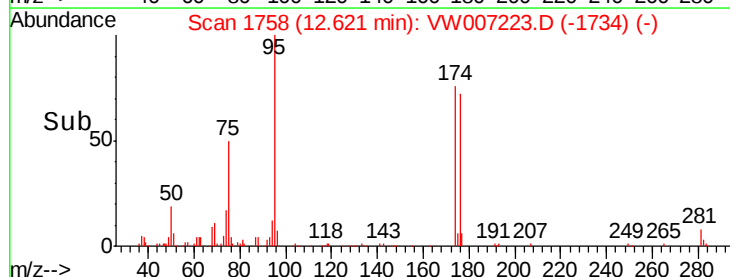
75 100

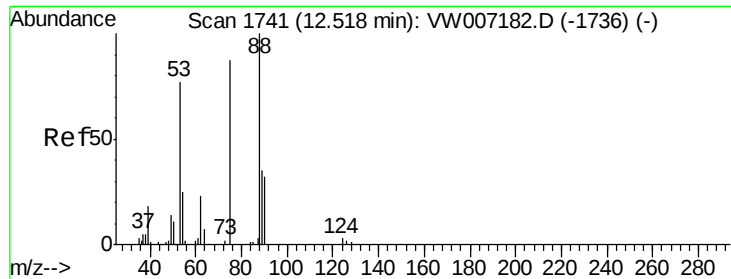
77 1.3 0.0 0.0#



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: 157.073 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007223.D
 Acq: 05 Dec 2018 08:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 28941
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

