

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007268.D
 Acq On : 06 Dec 2018 09:11
 Operator : SY/AP
 Sample : J6208-19RE
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:39:33 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

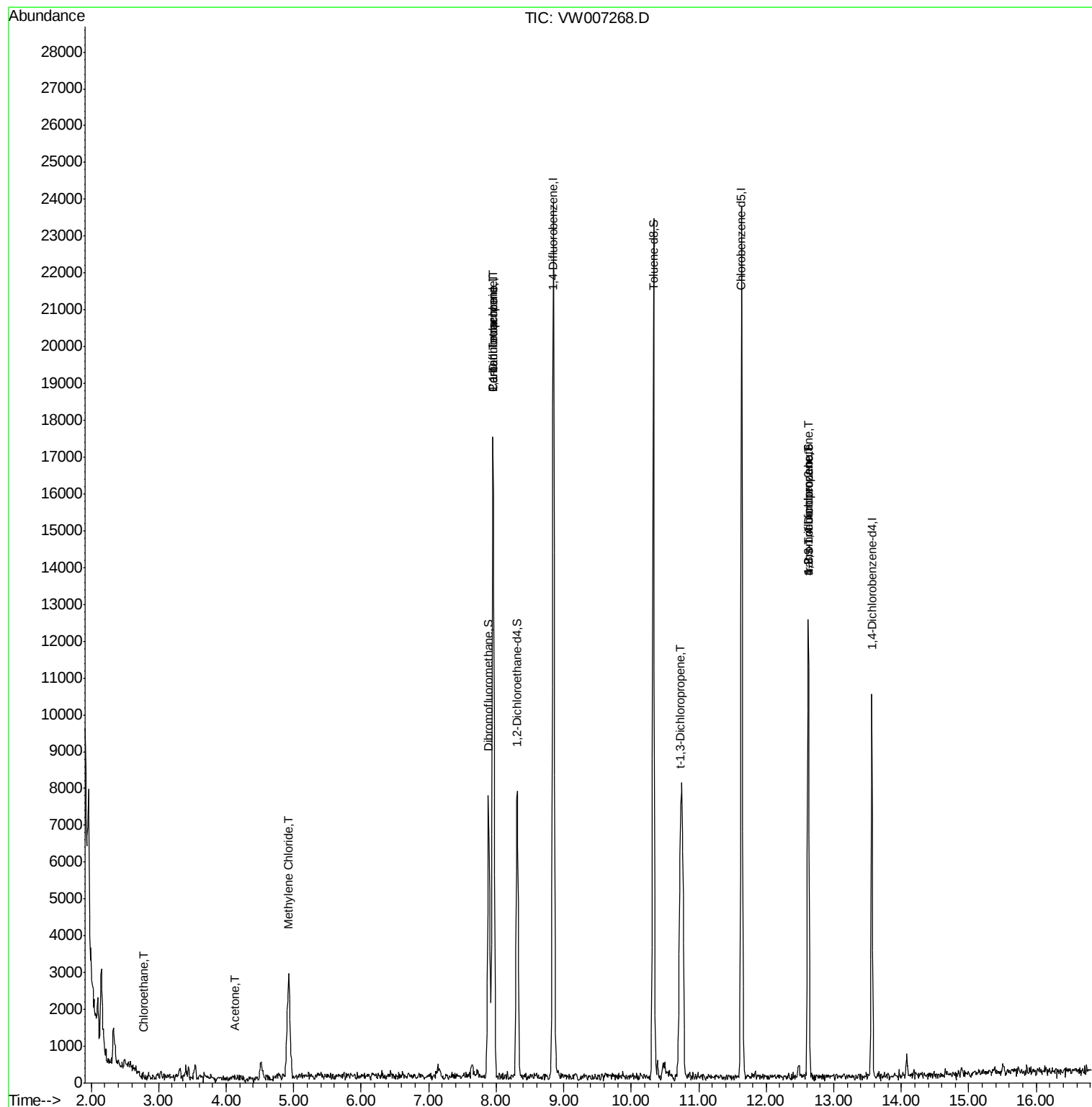
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	13015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	21190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	6010	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.88	113	5793	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	10.33	98	15993	29.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.84%	
62) 4-Bromofluorobenzene	12.62	95	3649	18.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.18%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.79	64	81	1.279	ug/l #	43
16) Acetone	4.14	43	76	2.649	ug/l #	45
20) Methylene Chloride	4.93	84	2196	11.149	ug/l	88
36) 1,1-Dichloropropene	7.95	75	1118	5.422	ug/l #	41
38) Carbon Tetrachloride	7.95	117	1356	6.444	ug/l #	13
53) t-1,3-Dichloropropene	10.73	75	226	1.250	ug/l #	42
76) 1,2,3-Trichloropropane	12.62	75	1838	85.663	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	1838	184.635	ug/l #	13

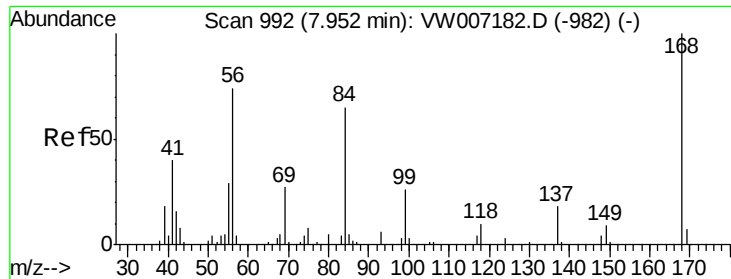
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
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: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007268.D

Acq: 06 Dec 2018 09:11

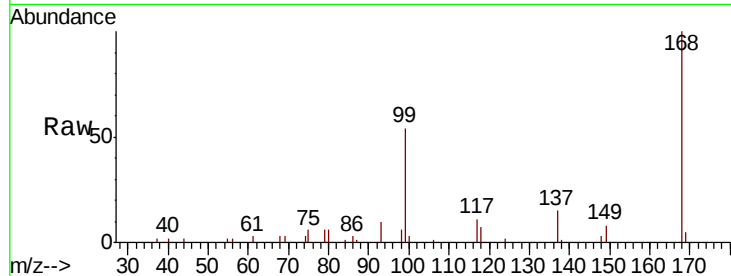
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 13015

Ion Ratio Lower Upper

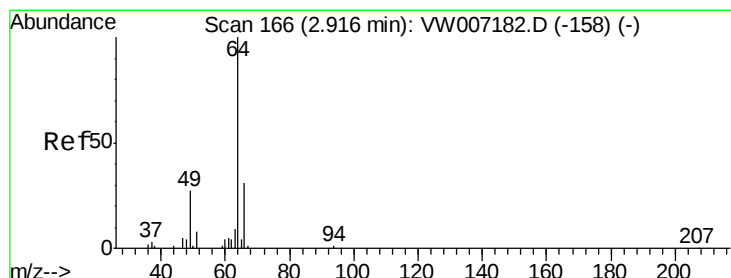
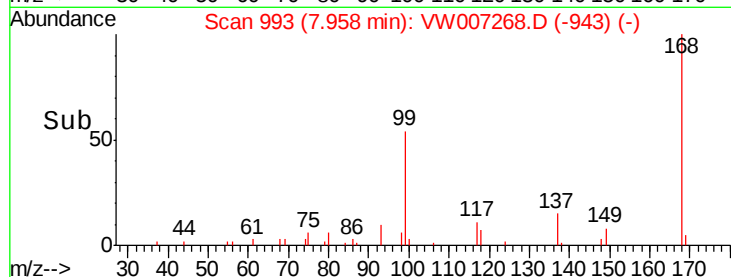
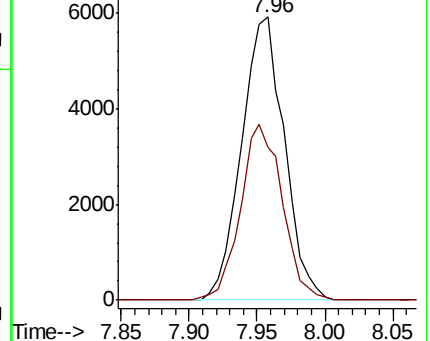
168 100

99 54.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#6

Chloroethane

Concen: 1.279 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.13 min

Lab File: VW007268.D

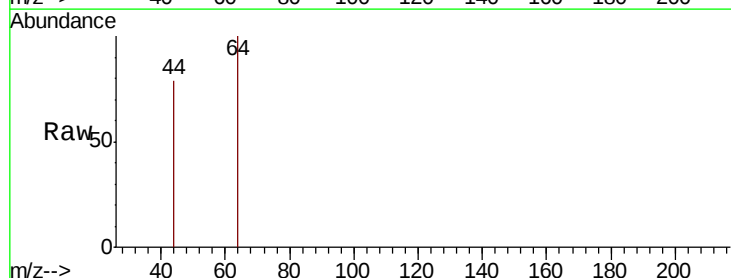
Acq: 06 Dec 2018 09:11

Tgt Ion: 64 Resp: 81

Ion Ratio Lower Upper

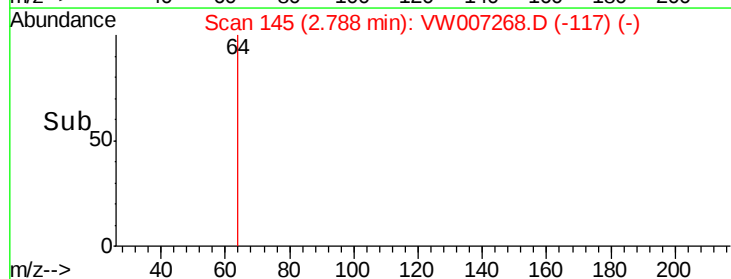
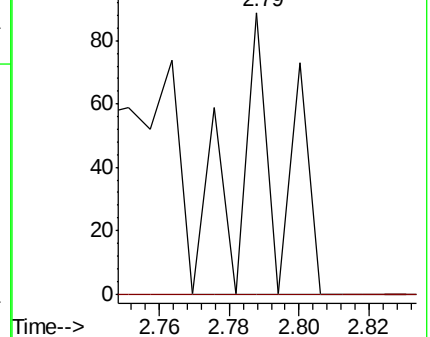
64 100

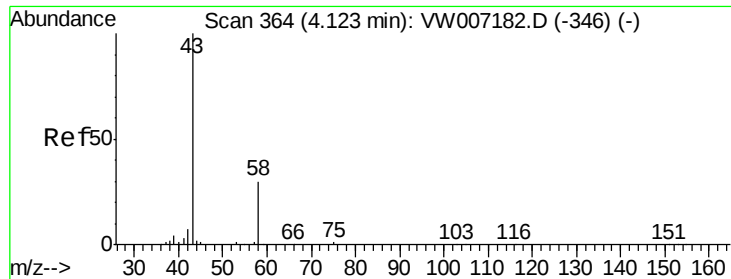
66 0.0 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#16

Acetone

Concen: 2.649 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW007268.D

Acq: 06 Dec 2018 09:11

Instrument :

MSVOA_W

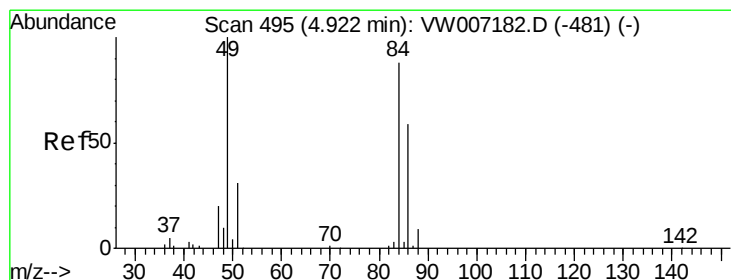
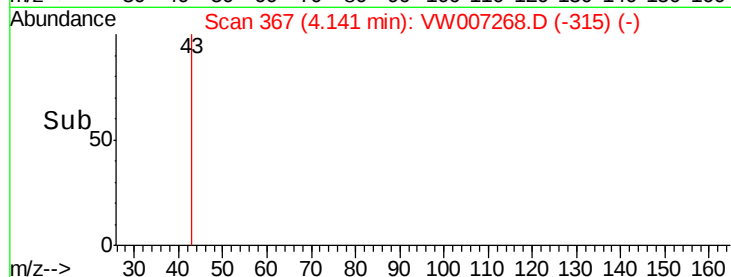
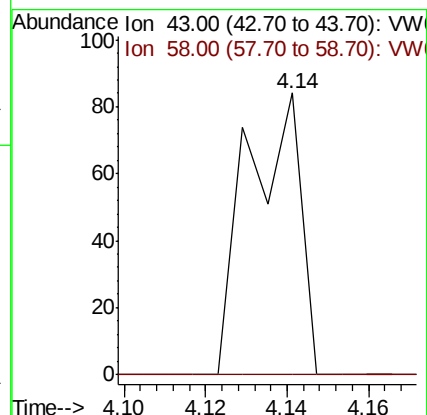
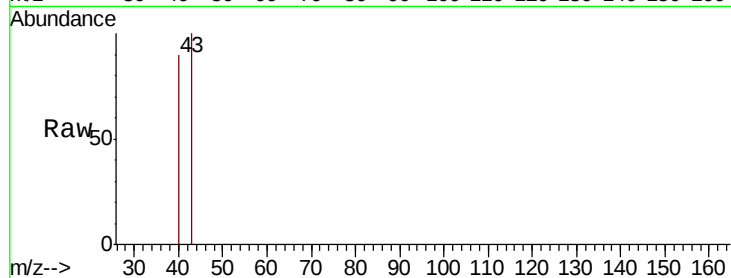
ClientSampled :

Tot Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: 11.149 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007268.D

Acq: 06 Dec 2018 09:11

Tgt Ion: 84 Resp: 2196

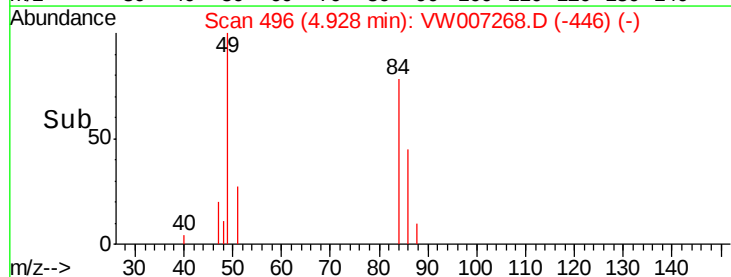
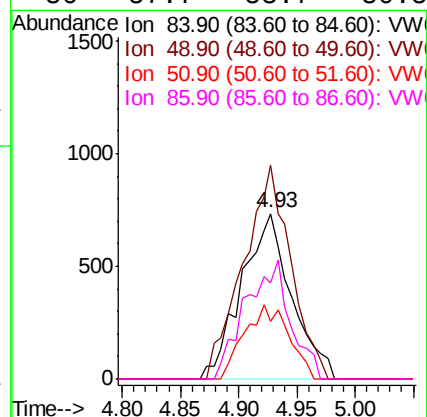
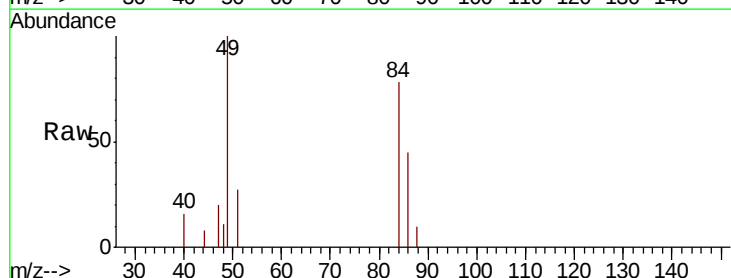
Ion Ratio Lower Upper

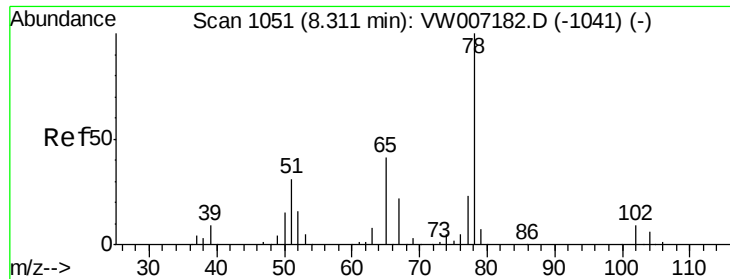
84 100

49 129.0 90.6 135.8

51 35.0 27.6 41.4

86 57.7 53.7 80.5

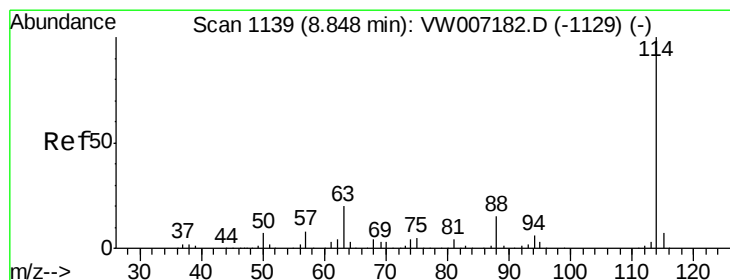
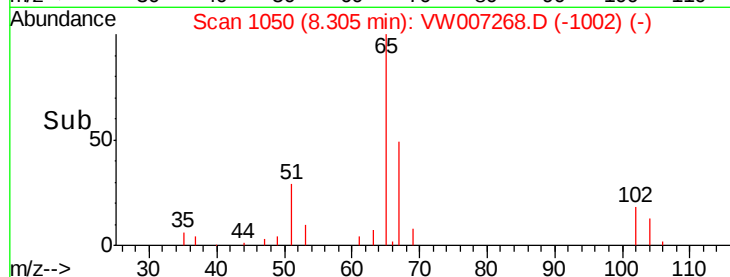
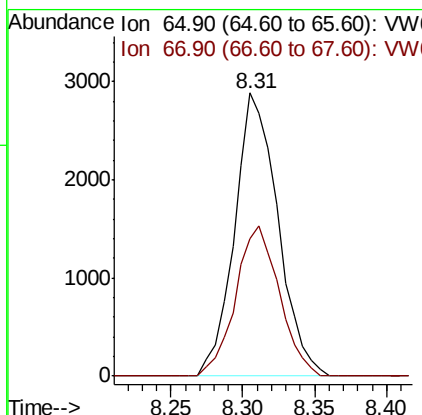
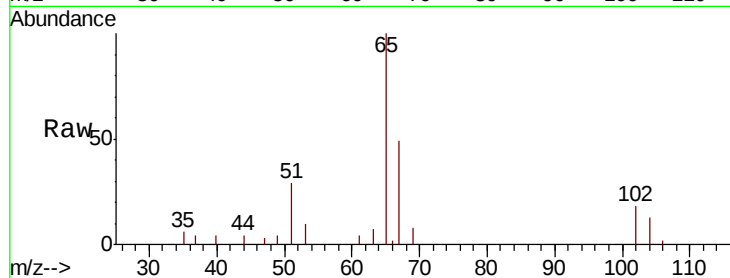




#33
 1,2-Dichloroethane-d4
 Concen: 49.598 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007268.D
 Acq: 06 Dec 2018 09:11

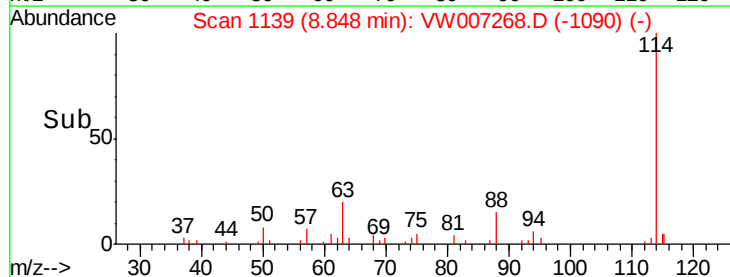
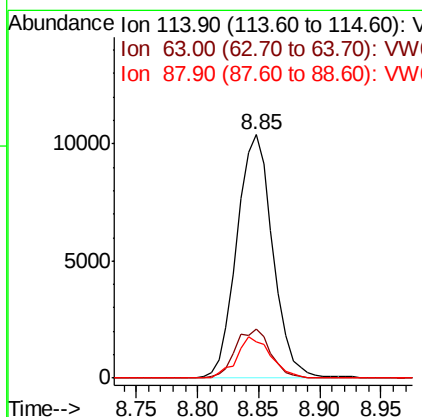
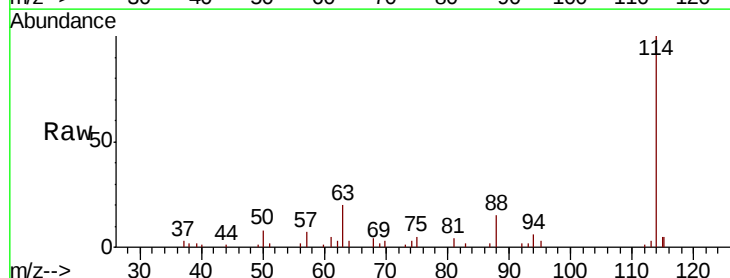
Instrument :
 MSVOA_W
 ClientSampleId :

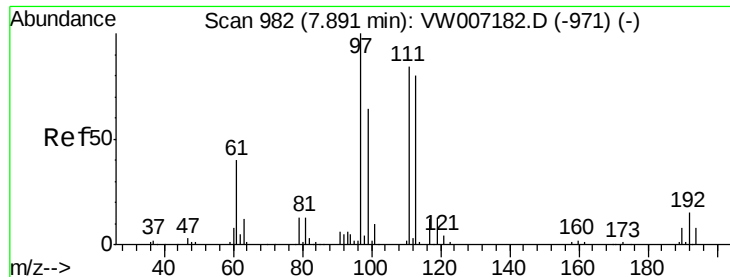
Tot Ion: 65 Resp: 6010
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007268.D
 Acq: 06 Dec 2018 09:11

Tgt Ion: 114 Resp: 21190
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.2
 88 14.9 0.0 30.0

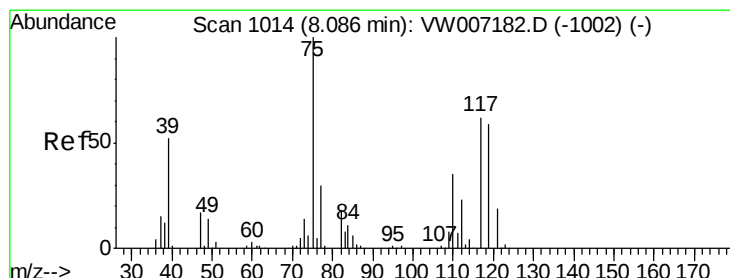
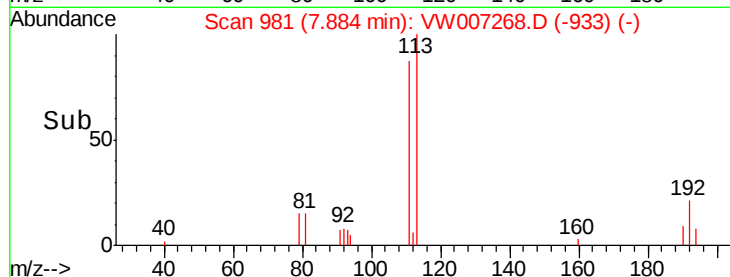
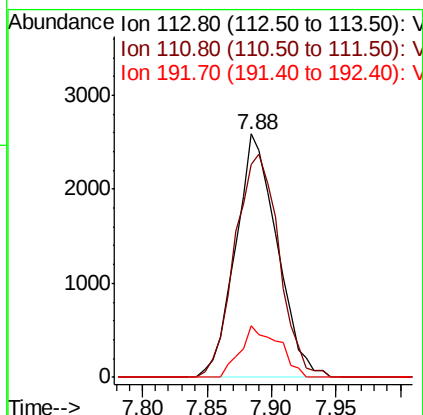
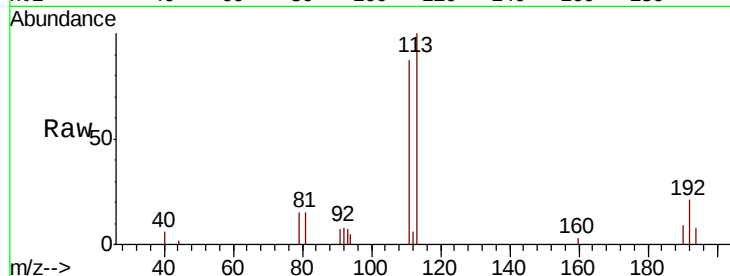




#35
 Dibromofluoromethane
 Concen: 47.744 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007268.D
 Acq: 06 Dec 2018 09:11

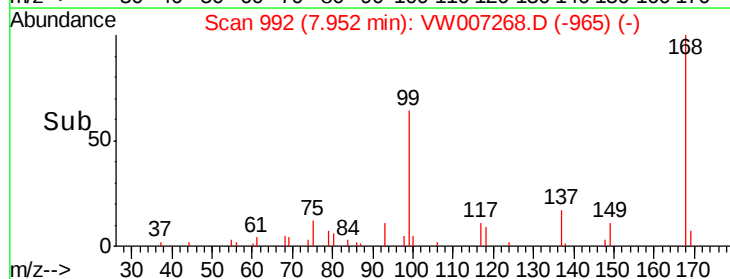
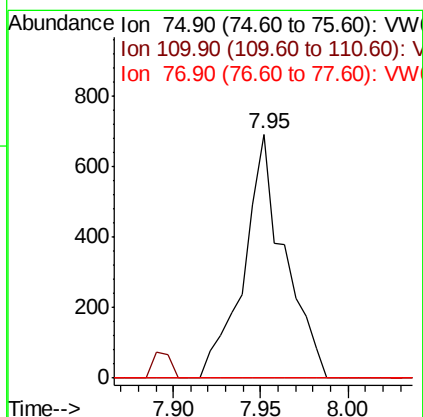
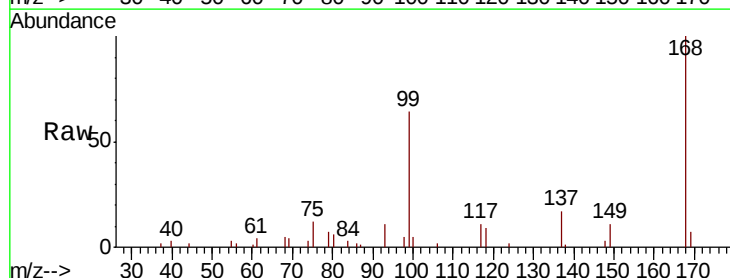
Instrument :
 MSVOA_W
 ClientSampleId :

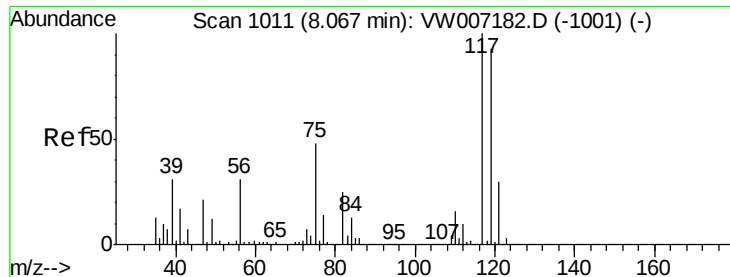
Tot Ion:113 Resp: 5793
 Ion Ratio Lower Upper
 113 100
 111 97.2 82.2 123.4
 192 19.4 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 5.422 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007268.D
 Acq: 06 Dec 2018 09:11

Tgt Ion: 75 Resp: 1118
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.3 54.9#
 77 0.0 24.9 37.3#

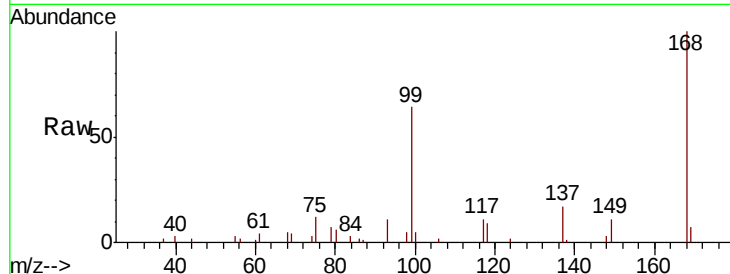




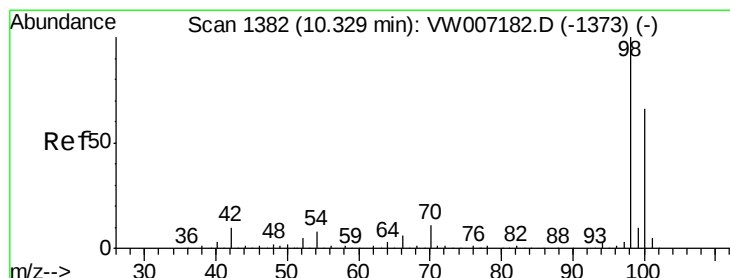
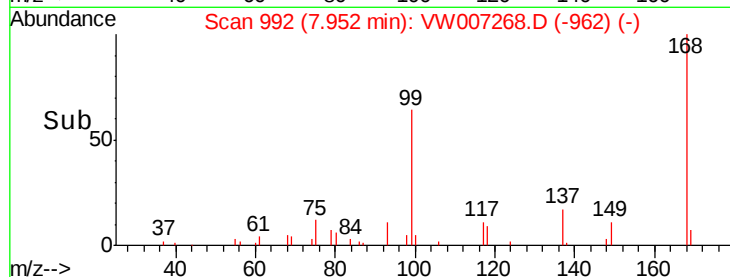
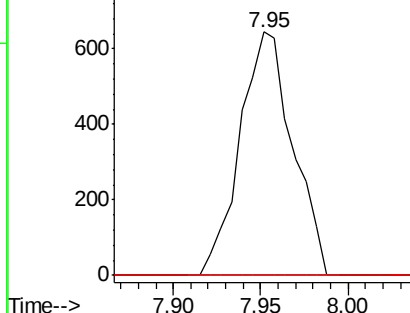
#38
Carbon Tetrachloride
Concen: 6.444 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007268.D
Acq: 06 Dec 2018 09:11

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 1356
Ion Ratio Lower Upper
117 100
119 0.0 74.1 111.1#
121 0.0 23.9 35.9#

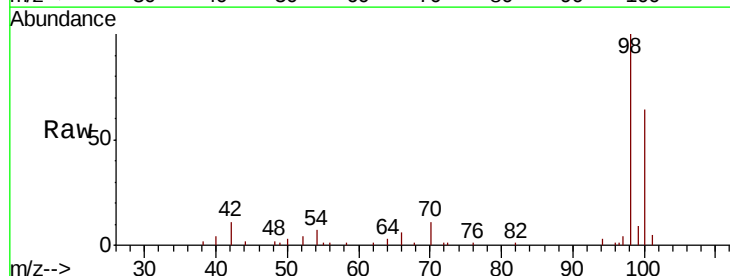


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

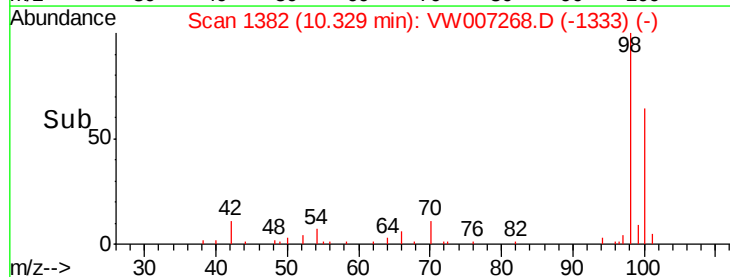
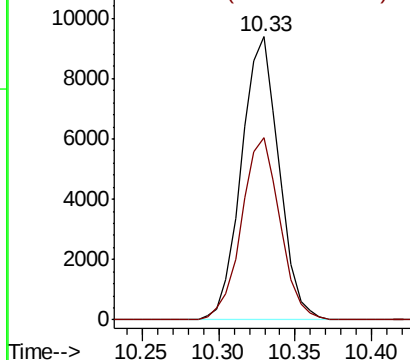


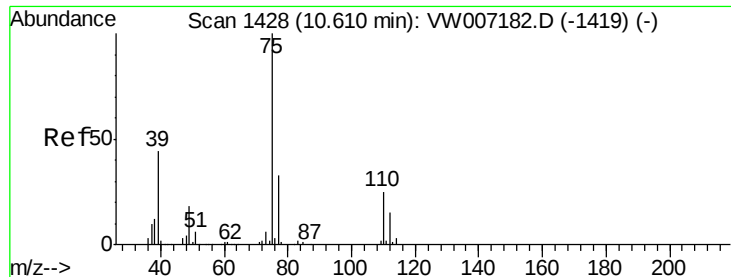
#50
Toluene-d8
Concen: 29.923 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007268.D
Acq: 06 Dec 2018 09:11

Tgt Ion: 98 Resp: 15993
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



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





#53

t-1,3-Dichloropropene

Concen: 1.250 ug/l

RT: 10.73 min Scan# 1447

Delta R.T. 0.12 min

Lab File: VW007268.D

Acq: 06 Dec 2018 09:11

Instrument :

MSVOA_W

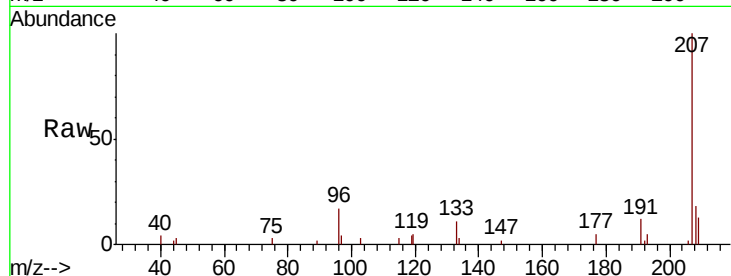
ClientSampleId :

Tot Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#



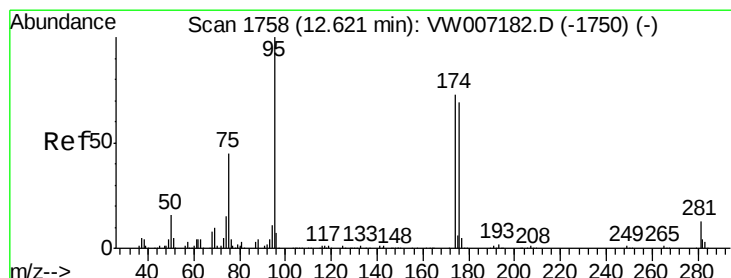
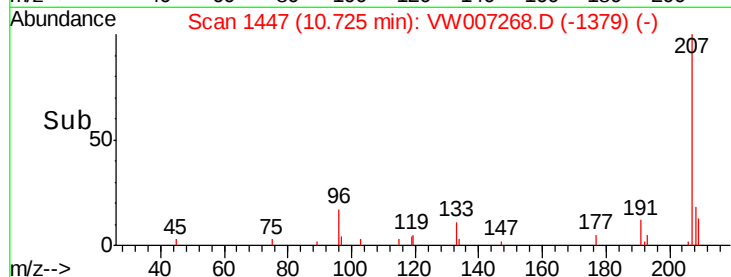
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.73

10.75

Time-->



#62

4-Bromofluorobenzene

Concen: 18.088 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007268.D

Acq: 06 Dec 2018 09:11

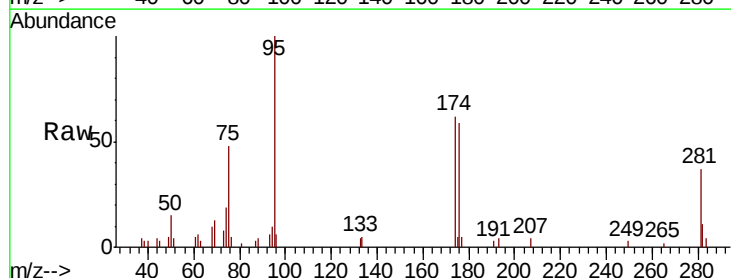
Tgt Ion: 95 Resp: 3649

Ion Ratio Lower Upper

95 100

174 75.3 0.0 148.0

176 70.9 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

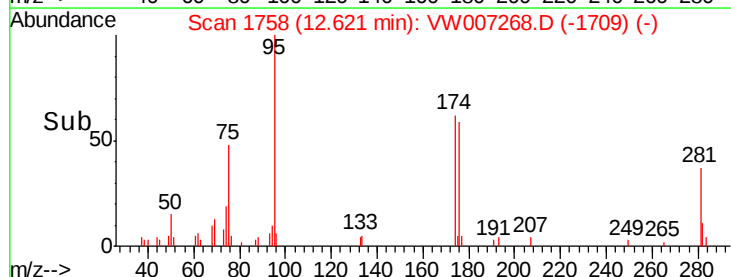
Ion 173.80 (173.50 to 174.50): V

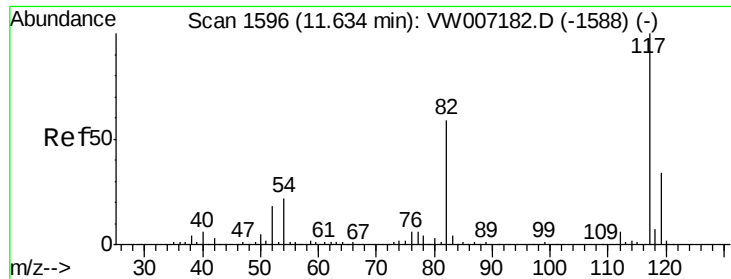
Ion 175.80 (175.50 to 176.50): V

12.62

12.65

Time-->

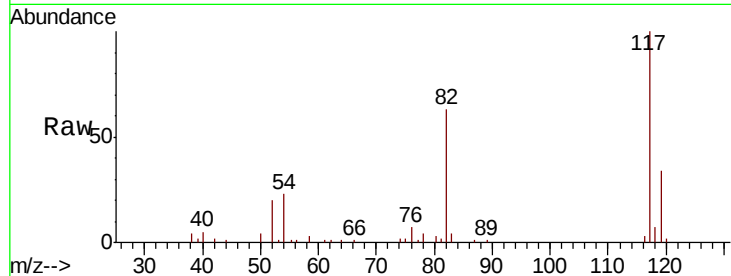




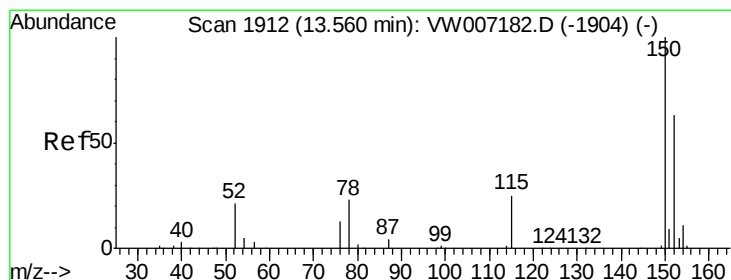
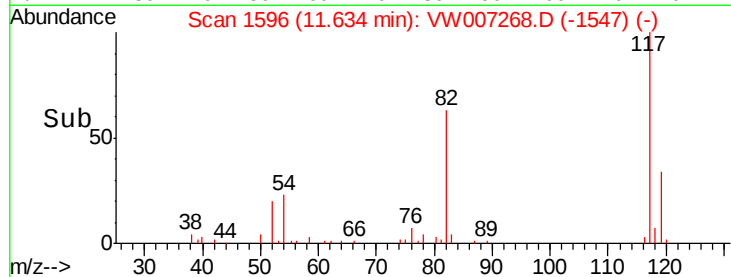
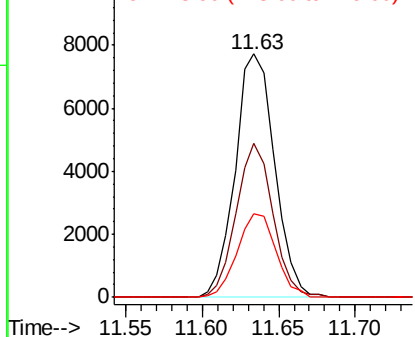
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007268.D
Acq: 06 Dec 2018 09:11

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 13840
Ion Ratio Lower Upper
117 100
82 63.0 47.4 71.2
119 34.2 26.8 40.2

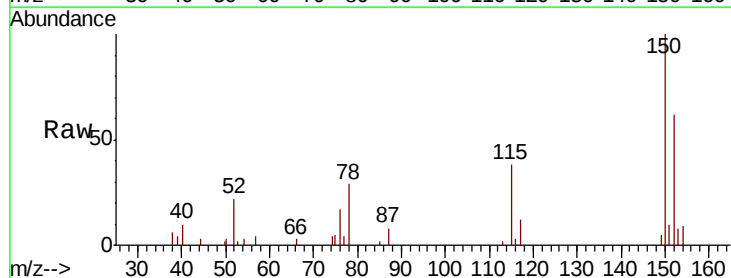


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

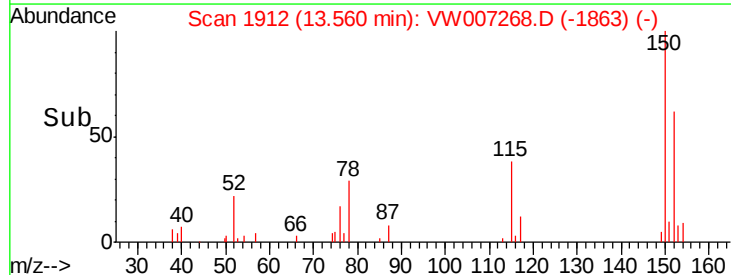
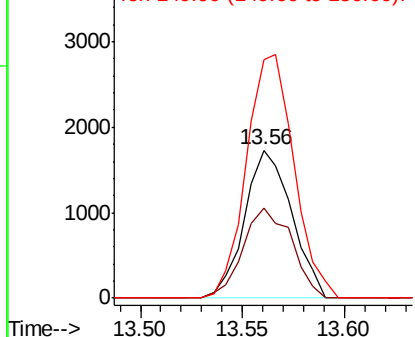


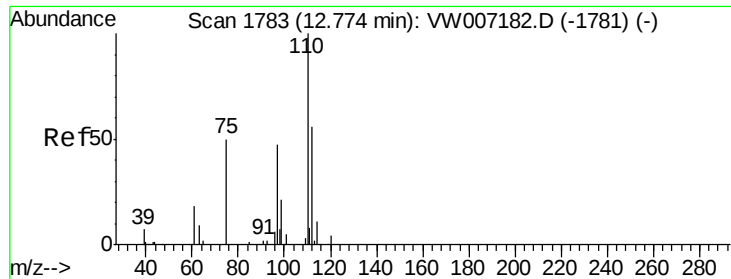
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007268.D
Acq: 06 Dec 2018 09:11

Tgt Ion:152 Resp: 2771
Ion Ratio Lower Upper
152 100
115 63.2 31.3 93.8
150 166.5 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

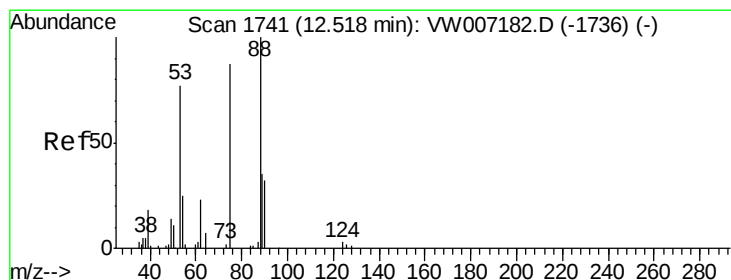
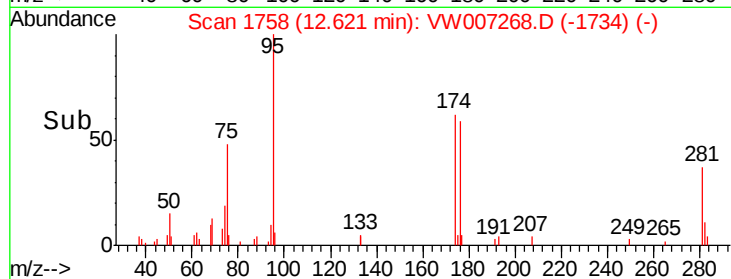
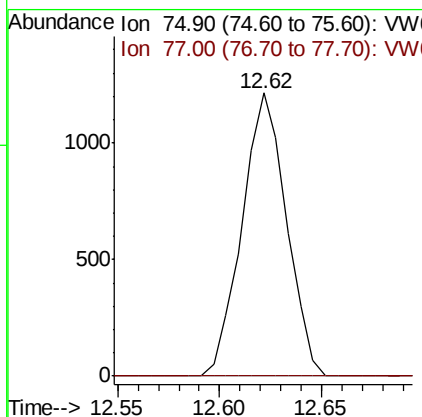
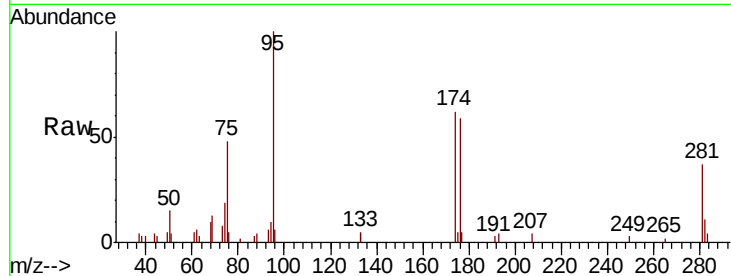




#76
 1,2,3-Trichloropropane
 Concen: 85.663 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007268.D
 Acq: 06 Dec 2018 09:11

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 1838
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 184.635 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007268.D
 Acq: 06 Dec 2018 09:11

Tgt Ion: 75 Resp: 1838
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.8 109.2#
 89 0.0 36.4 54.6#

