

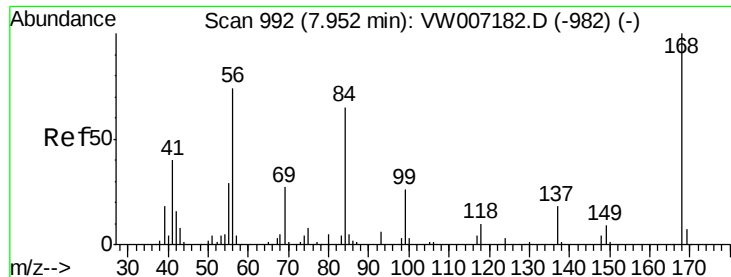
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007266.D
 Acq On : 06 Dec 2018 08:20
 Operator : SY/AP
 Sample : J6208-07RE
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:38:20 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	1140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	371	34.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.90%	
35) Dibromofluoromethane	7.89	113	383	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
50) Toluene-d8	10.33	98	778	20.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.90%	
62) 4-Bromofluorobenzene	12.63	95	19	1.36	ug/l	0.01
Spiked Amount	50.000		Recovery	=	2.72%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.93	64	25	4.505	ug/l #	43
14) Allyl chloride	4.70	41	20	1.143	ug/l #	22
36) 1,1-Dichloropropene	7.96	75	48	3.351	ug/l #	41
38) Carbon Tetrachloride	7.94	117	47	3.215	ug/l #	13
53) t-1,3-Dichloropropene	10.73	75	26	2.070	ug/l #	42
55) 1,1,2-Trichloroethane	10.73	97	105	15.543	ug/l #	15
57) 1,3-Dichloropropane	10.75	76	22	1.929	ug/l #	41

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007266.D

Acq: 06 Dec 2018 08:20

Instrument :

MSVOA_W

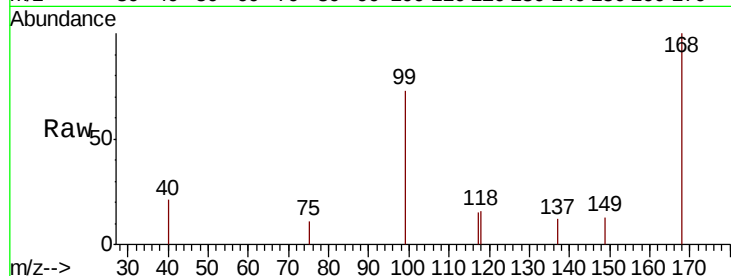
ClientSampled :

Tot Ion:168 Resp: 1140

Ion Ratio Lower Upper

168 100

99 72.6 47.8 71.8#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

600

500

400

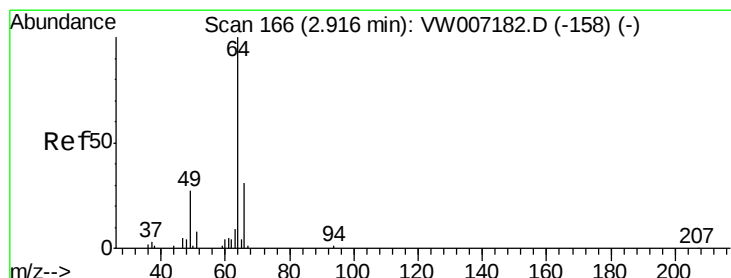
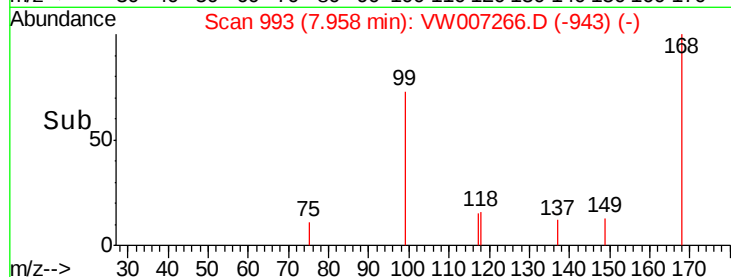
300

200

100

0

Time-->



#6

Chloroethane

Concen: 4.505 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007266.D

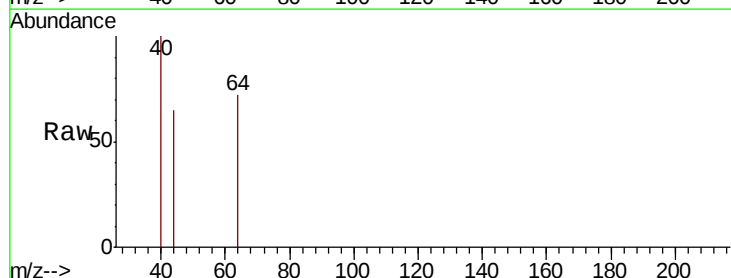
Acq: 06 Dec 2018 08:20

Tgt Ion: 64 Resp: 25

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

80

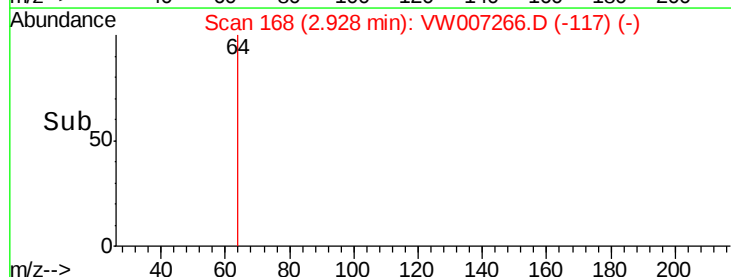
60

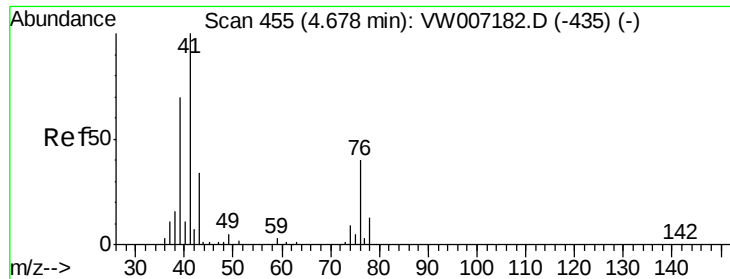
40

20

0

Time-->





#14

Allvl chloride

Concen: 1.143 ug/l

RT: 4.70 min Scan# 458

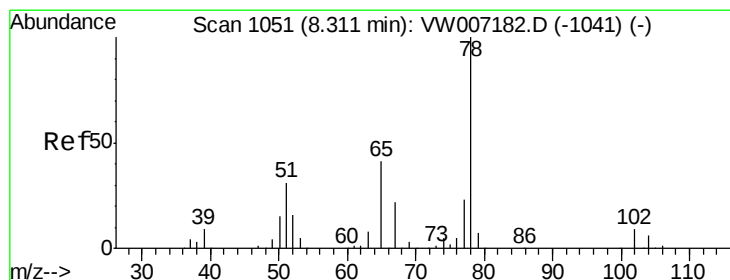
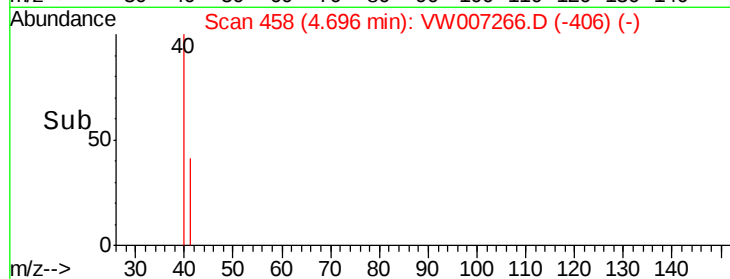
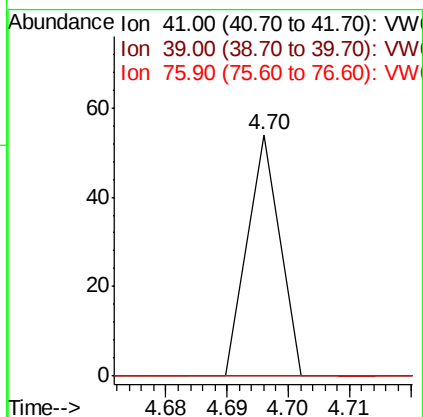
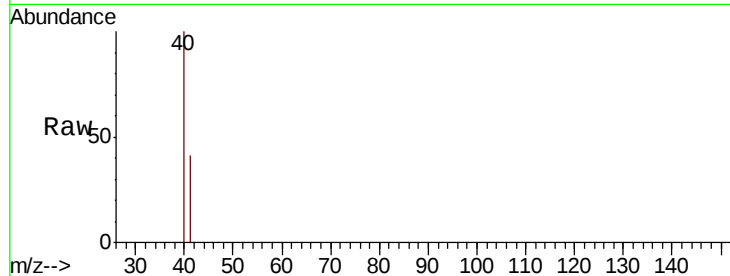
Delta R.T. 0.02 min

Lab File: VW007266.D

Acq: 06 Dec 2018 08:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	20
Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.9	83.9#
76	0.0	30.8	46.2#



#33

1,2-Dichloroethane-d4

Concen: 34.954 ug/l

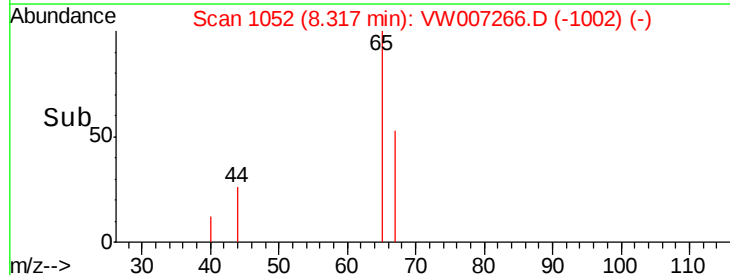
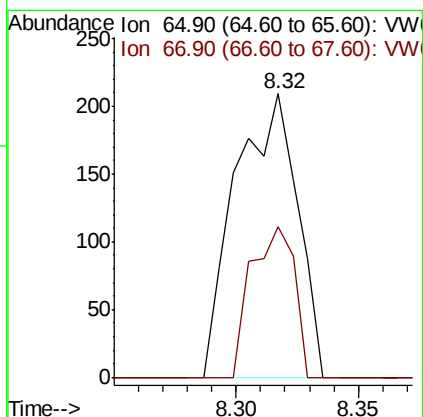
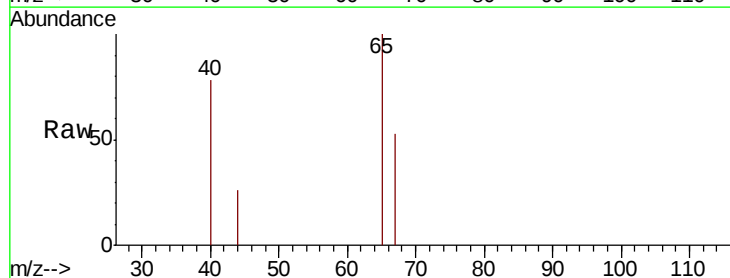
RT: 8.32 min Scan# 1052

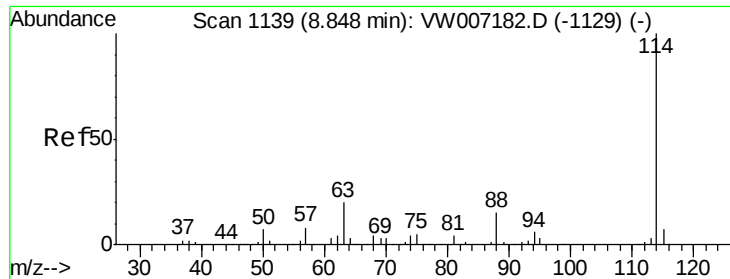
Delta R.T. 0.01 min

Lab File: VW007266.D

Acq: 06 Dec 2018 08:20

Tgt Ion:	65	Resp:	371
Ion	Ratio	Lower	Upper
65	100		
67	36.9	0.0	106.4

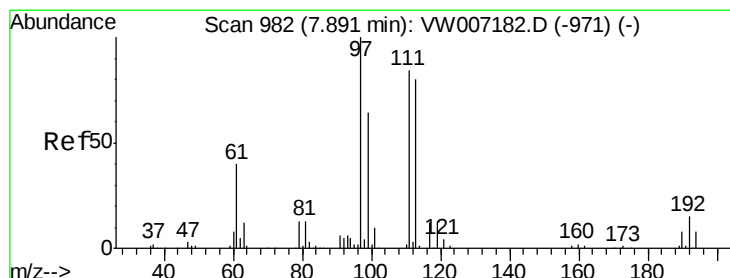
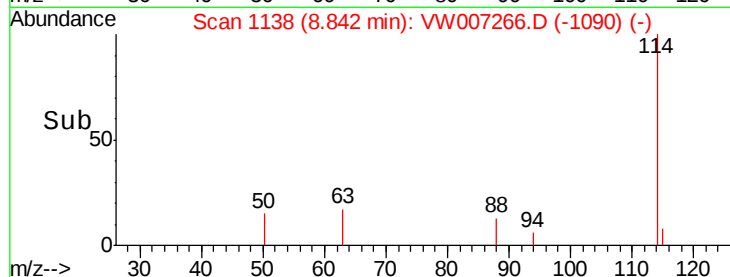
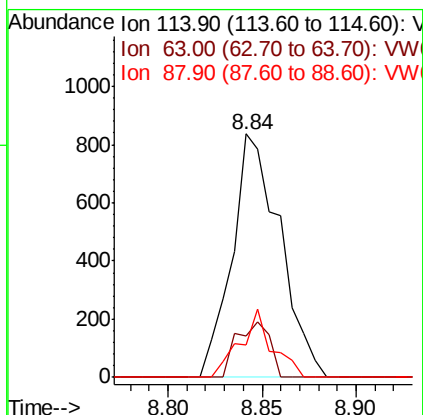
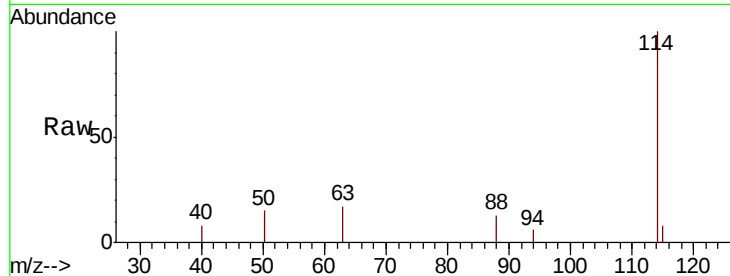




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007266.D
 Acq: 06 Dec 2018 08:20

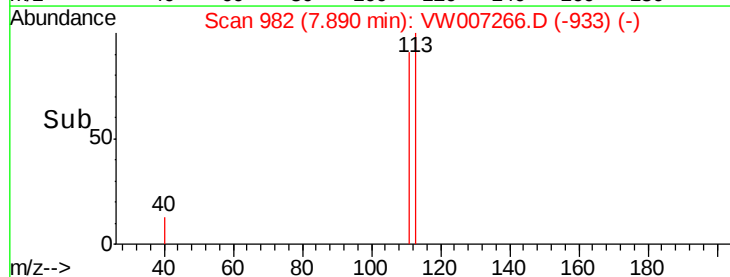
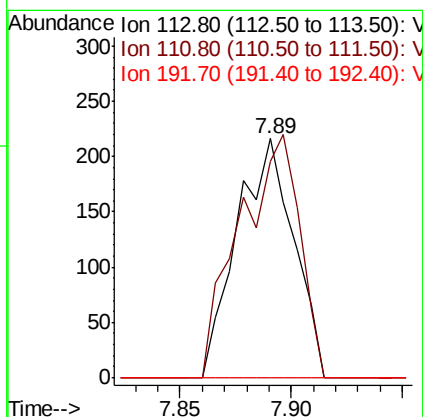
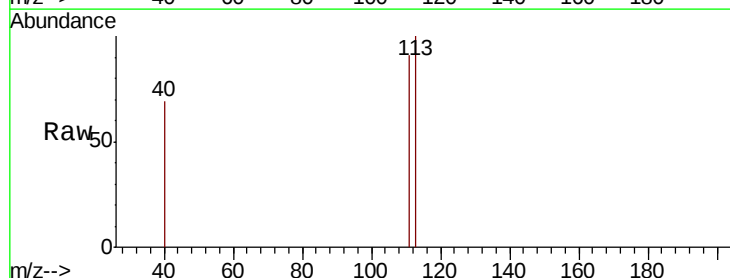
Instrument :
 MSVOA_W
 ClientSampleId :

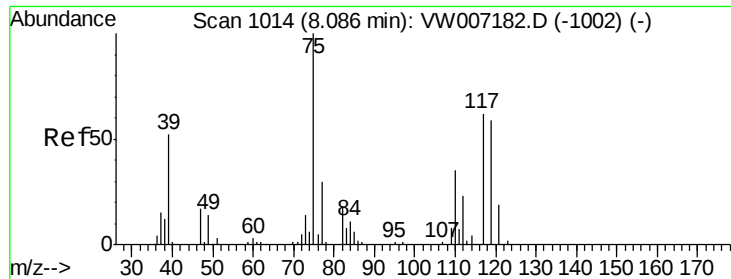
Tot Ion:114 Resp: 1472
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 40.2
 88 13.4 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 45.440 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007266.D
 Acq: 06 Dec 2018 08:20

Tgt Ion:113 Resp: 383
 Ion Ratio Lower Upper
 113 100
 111 107.3 82.2 123.4
 192 0.0 14.4 21.6#





#36

1,1-Dichloropropene

Concen: 3.351 ug/l

RT: 7.96 min Scan# 994

Delta R.T. -0.12 min

Lab File: VW007266.D

Acq: 06 Dec 2018 08:20

Instrument :

MSVOA_W

ClientSampleId :

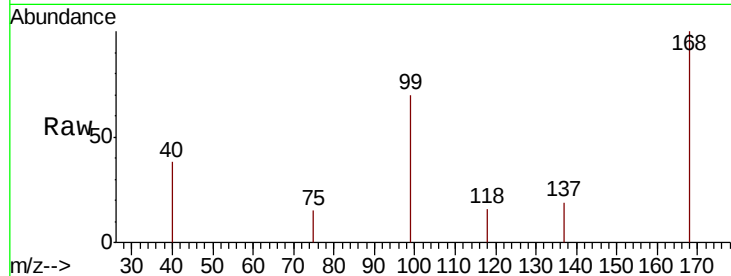
Tot Ion: 75 Resp: 48

Ion Ratio Lower Upper

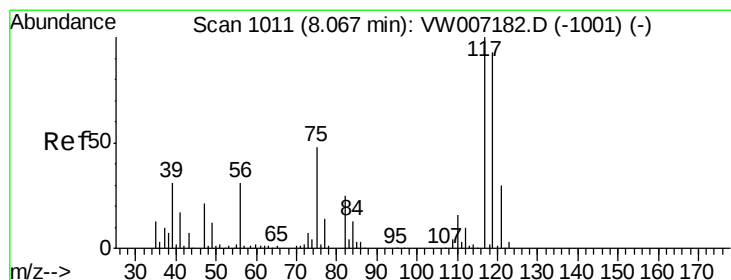
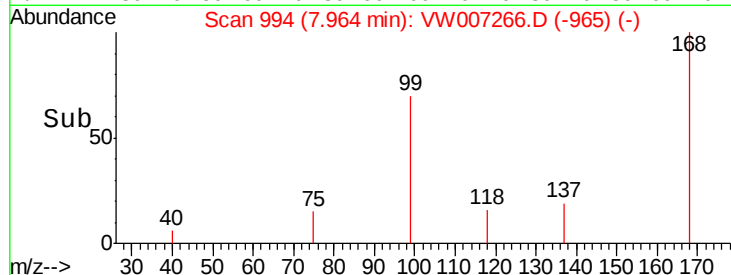
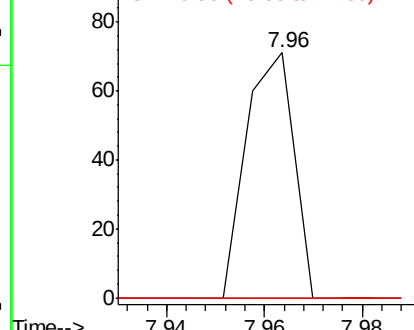
75 100

110 0.0 18.3 54.9#

77 0.0 24.9 37.3#



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: 3.215 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW007266.D

Acq: 06 Dec 2018 08:20

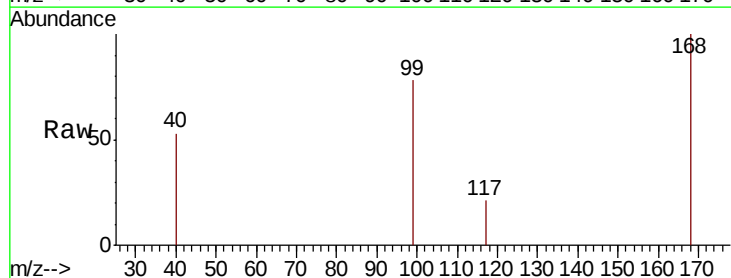
Tgt Ion: 117 Resp: 47

Ion Ratio Lower Upper

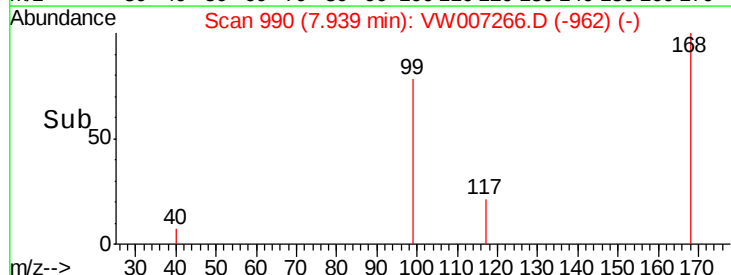
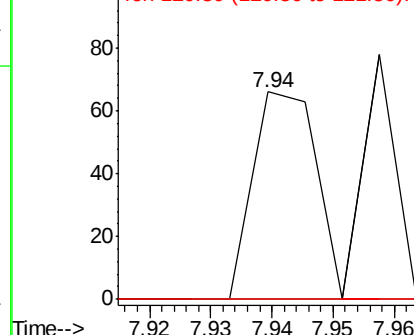
117 100

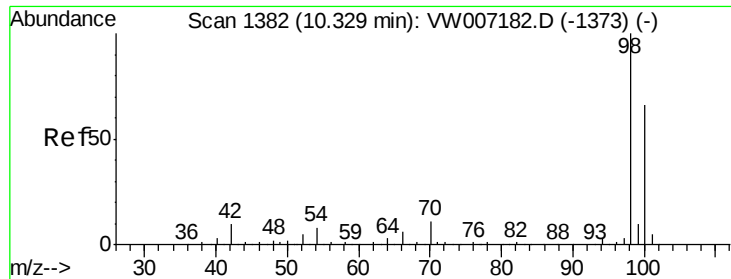
119 0.0 74.1 111.1#

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: 20.955 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007266.D

Acq: 06 Dec 2018 08:20

Instrument :

MSVOA_W

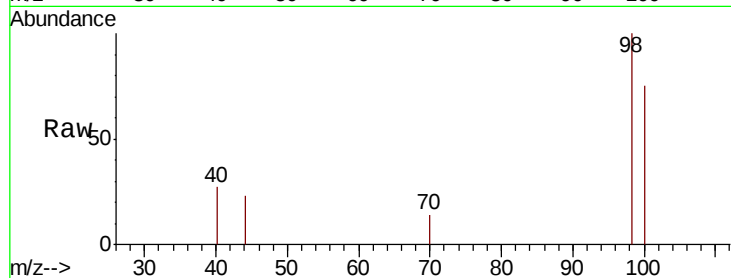
ClientSampled :

Tot Ion: 98 Resp: 778

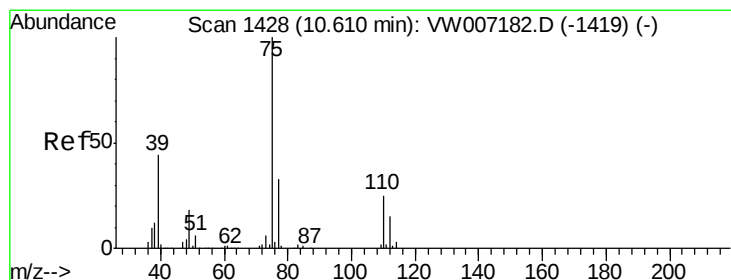
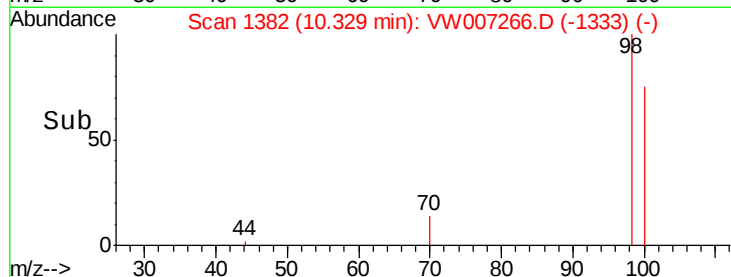
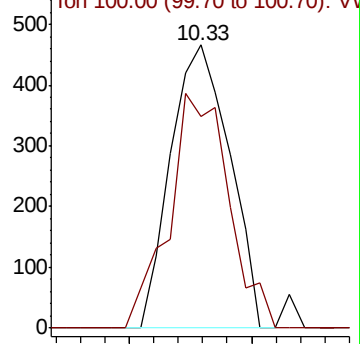
Ion Ratio Lower Upper

98 100

100 83.8 52.7 79.1#



Abundance Ion 98.00 (97.70 to 98.70): VW



#53

t-1,3-Dichloropropene

Concen: 2.070 ug/l

RT: 10.73 min Scan# 1447

Delta R.T. 0.12 min

Lab File: VW007266.D

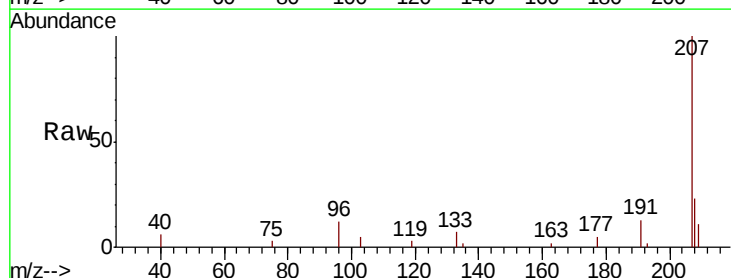
Acq: 06 Dec 2018 08:20

Tgt Ion: 75 Resp: 26

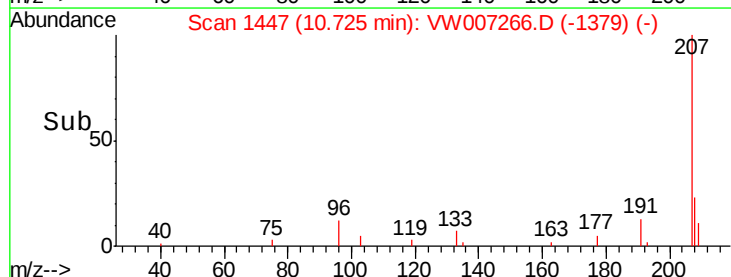
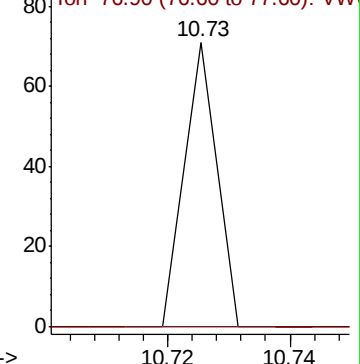
Ion Ratio Lower Upper

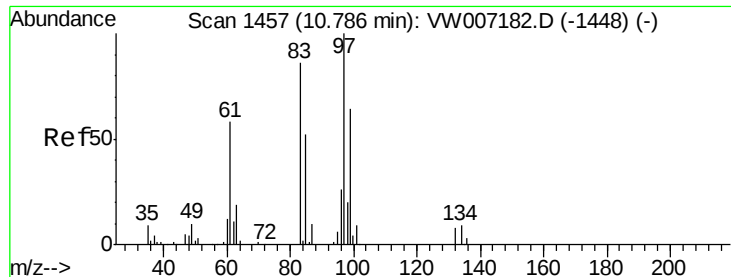
75 100

77 0.0 26.2 39.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

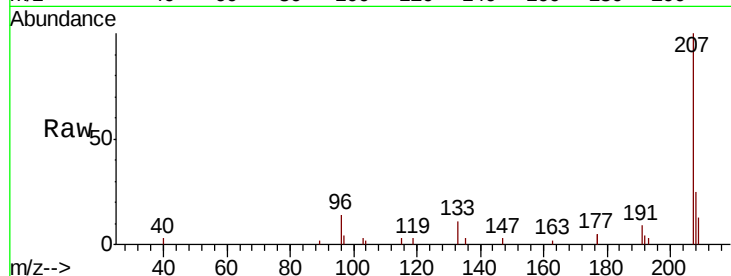




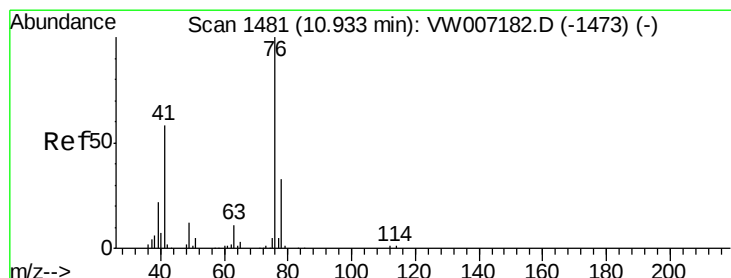
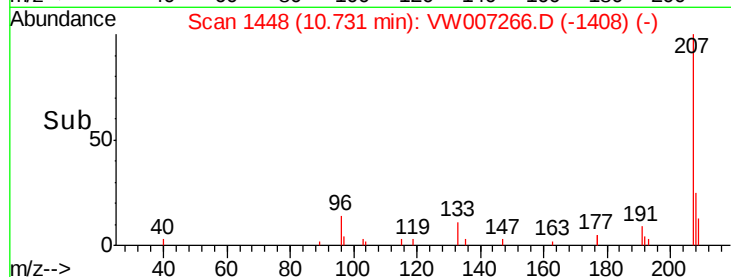
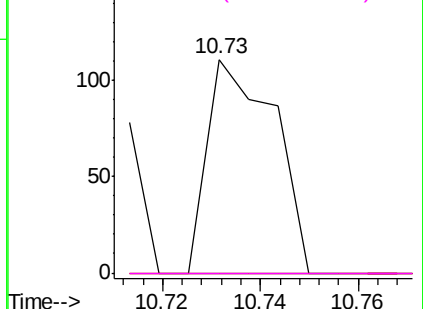
#55
 1,1,2-Trichloroethane
 Concen: 15.543 ug/l
 RT: 10.73 min Scan# 1448
 Delta R.T. -0.05 min
 Lab File: VW007266.D
 Acq: 06 Dec 2018 08:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.6	102.8#
85	0.0	41.4	62.2#
99	0.0	51.2	76.8#

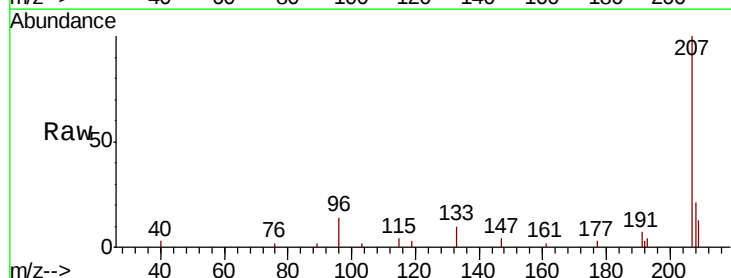


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

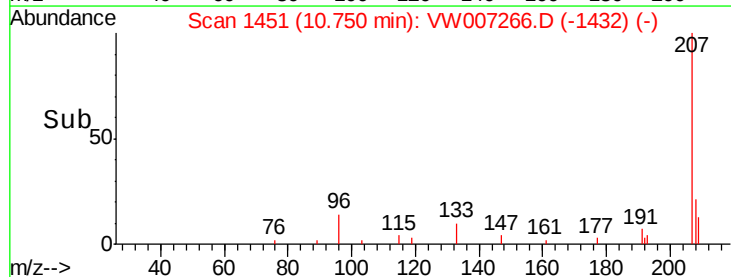
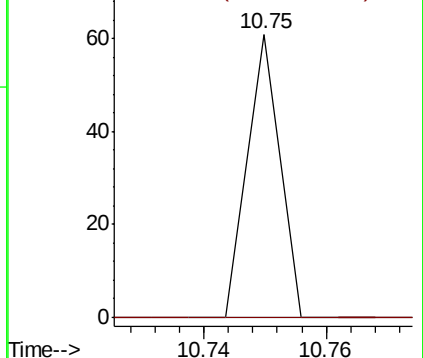


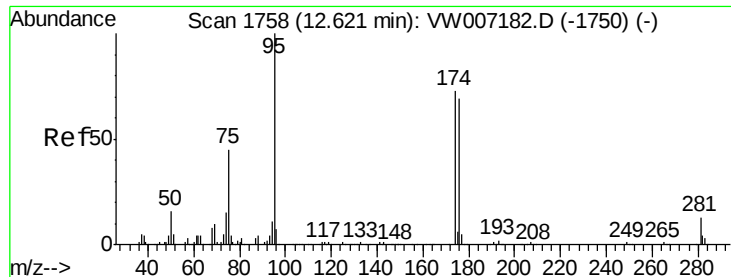
#57
 1,3-Dichloropropane
 Concen: 1.929 ug/l
 RT: 10.75 min Scan# 1451
 Delta R.T. -0.18 min
 Lab File: VW007266.D
 Acq: 06 Dec 2018 08:20

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.6	40.0#



Abundance Ion 75.90 (75.60 to 76.60): VW
 Ion 77.90 (77.60 to 78.60): VW

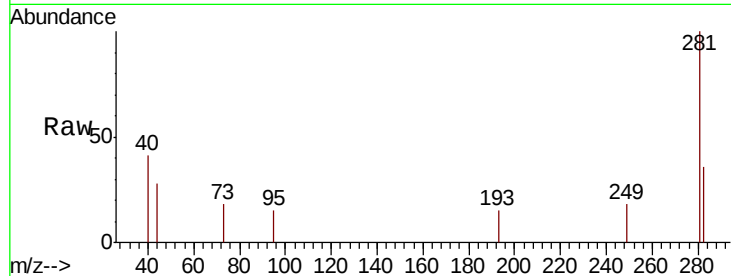




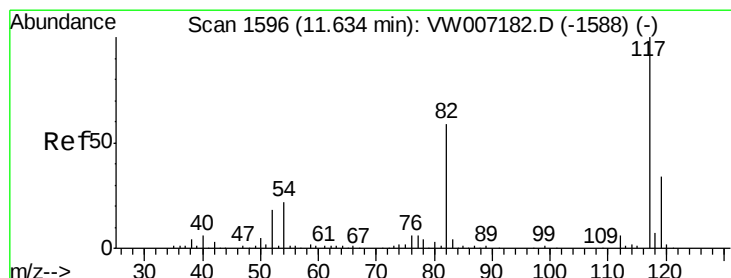
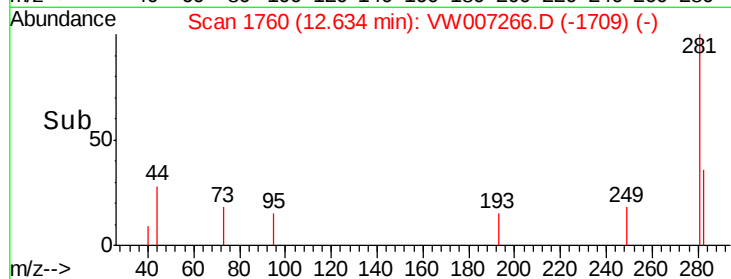
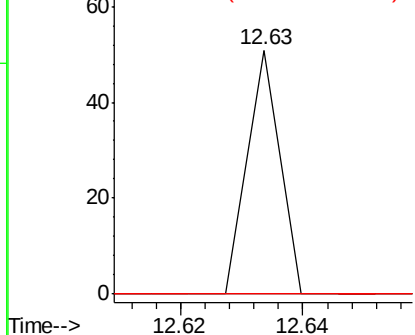
#62
4-Bromofluorobenzene
Concen: 1.356 ug/l
RT: 12.63 min Scan# 1760
Delta R.T. 0.01 min
Lab File: VW007266.D
Acq: 06 Dec 2018 08:20

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 19
Ion Ratio Lower Upper
95 100
174 0.0 0.0 148.0
176 0.0 0.0 139.4

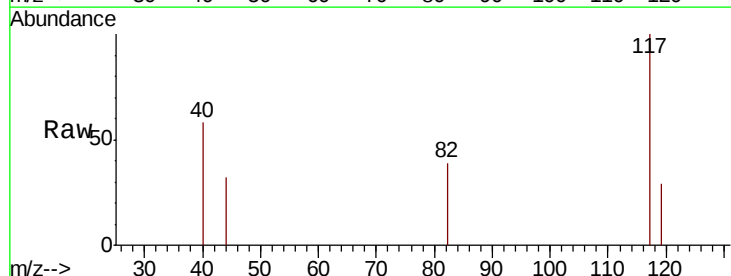


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

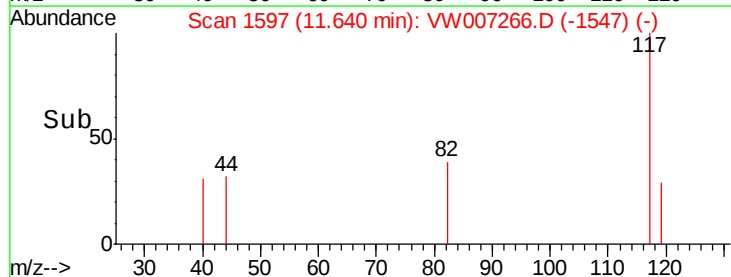
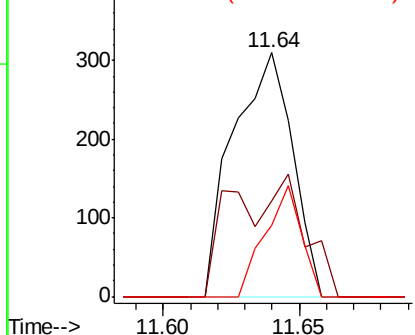


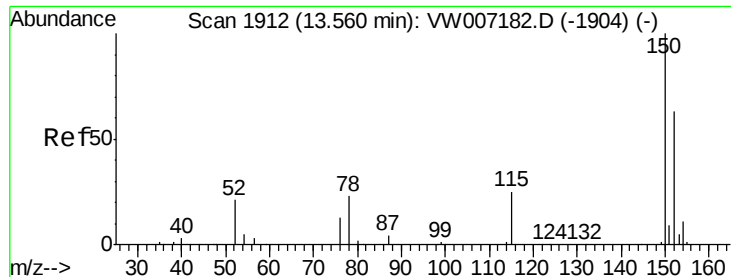
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW007266.D
Acq: 06 Dec 2018 08:20

Tgt Ion: 117 Resp: 469
Ion Ratio Lower Upper
117 100
82 39.0 47.4 71.2#
119 29.0 26.8 40.2



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

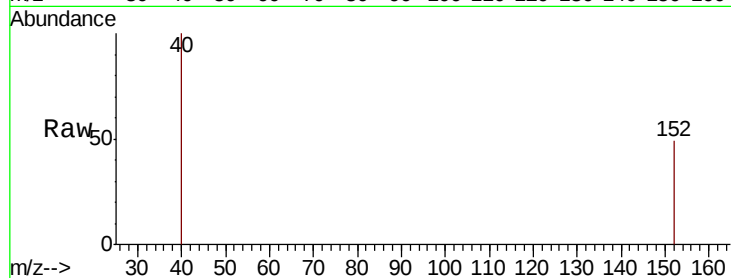




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.01 min
 Lab File: VW007266.D
 Acq: 06 Dec 2018 08:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.3	93.8#
150	366.7	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

