

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008021.D
 Acq On : 03 Jan 2019 15:23
 Operator : SY/AP
 Sample : K1017-05
 Misc : 4.51G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Jan 04 00:31:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	102916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	22935	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	36824	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
35) Dibromofluoromethane	7.88	113	32805	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	10.33	98	118495	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.62	95	28553	30.59	ug/l	0.00
Spiked Amount			Recovery	=	61.18%	

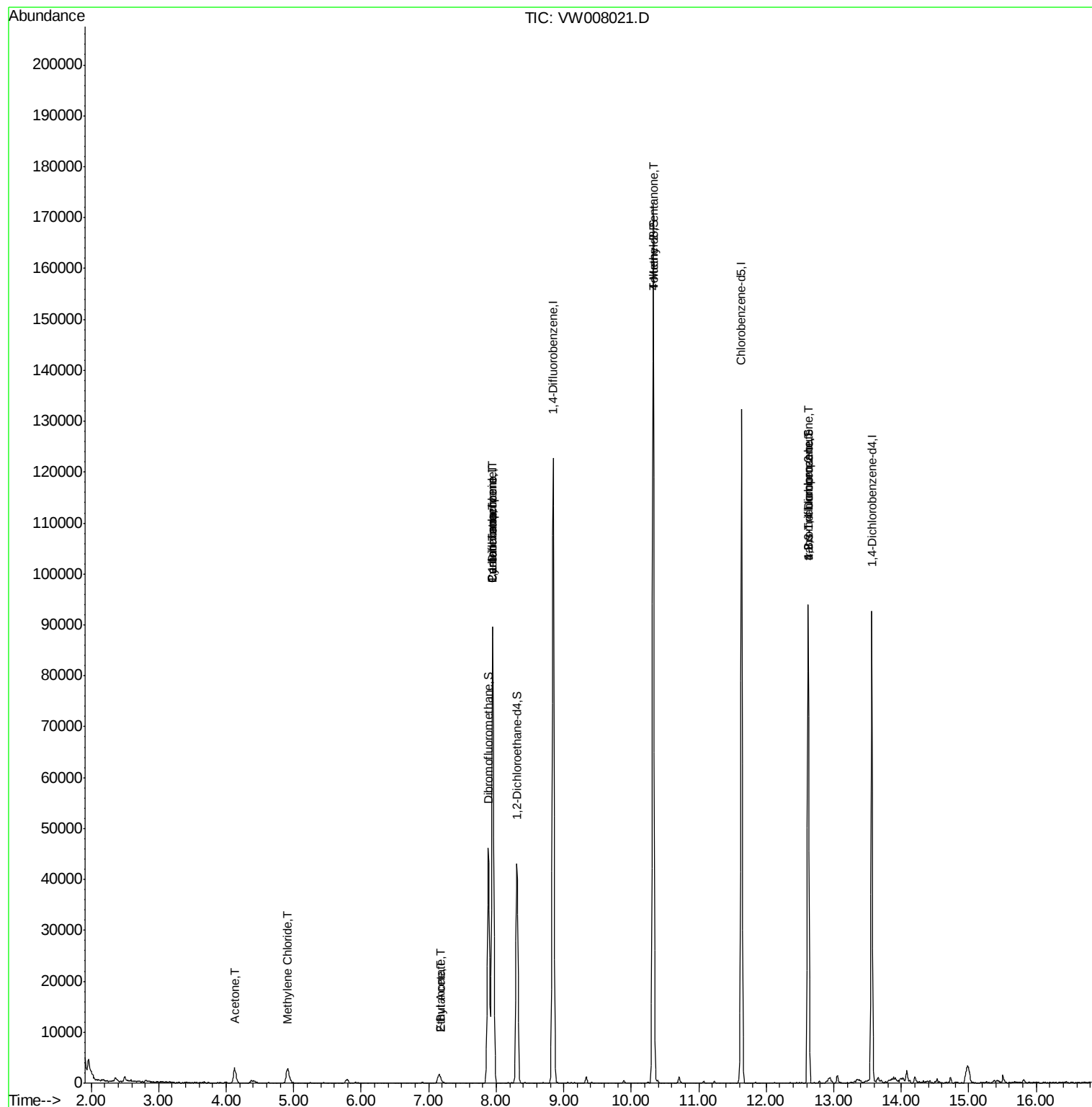
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	5630	51.811	ug/l	92
20) Methylene Chloride	4.91	84	2475	1.382	ug/l	96
25) 2-Butanone	7.18	43	1121	8.756	ug/l	90
31) Cyclohexane	7.95	56	1525	1.421	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	4878	4.805	ug/l #	51
37) Ethyl Acetate	7.18	43	1121	3.676	ug/l #	67
38) Carbon Tetrachloride	7.95	117	6946	5.709	ug/l #	14
51) 4-Methyl-2-Pentanone	10.33	43	575	2.039	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	16220	88.897	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	16220	210.226	ug/l #	6

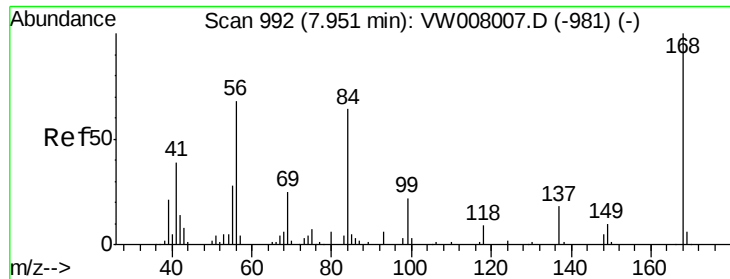
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
Data File : VW008021.D
Acq On : 03 Jan 2019 15:23
Operator : SY/AP
Sample : K1017-05
Misc : 4.51G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Quant Time: Jan 04 00:31:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
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: VW008021.D

Acq: 03 Jan 2019 15:23

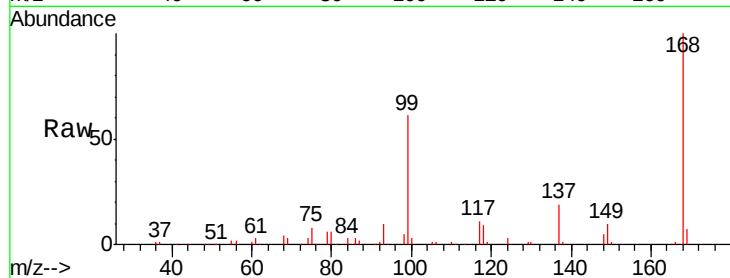
Instrument :
MSVOA_W
ClientSampled :
TP-2

Tgt Ion:168 Resp: 63467

Ion Ratio Lower Upper

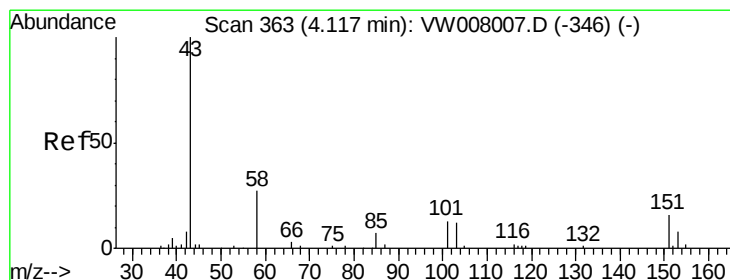
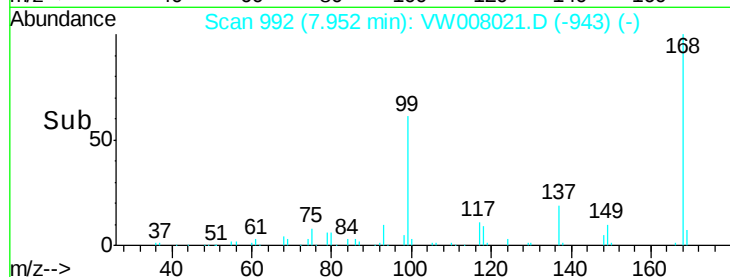
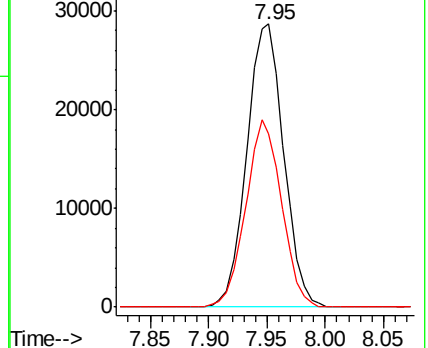
168 100

99 61.4 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 51.811 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008021.D

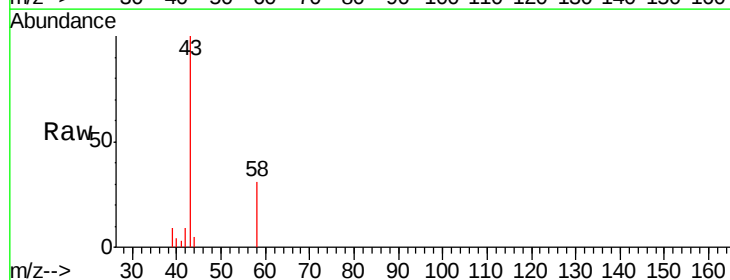
Acq: 03 Jan 2019 15:23

Tgt Ion: 43 Resp: 5630

Ion Ratio Lower Upper

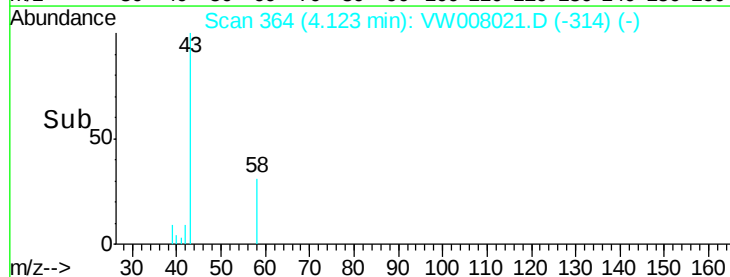
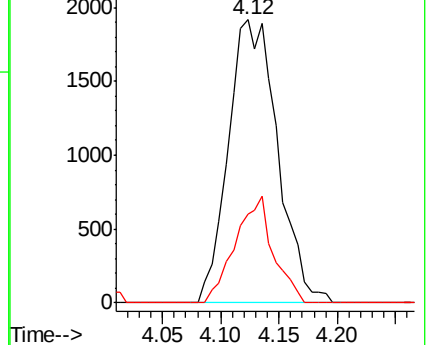
43 100

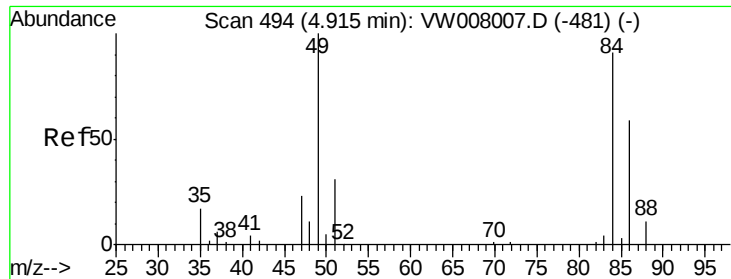
58 31.4 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

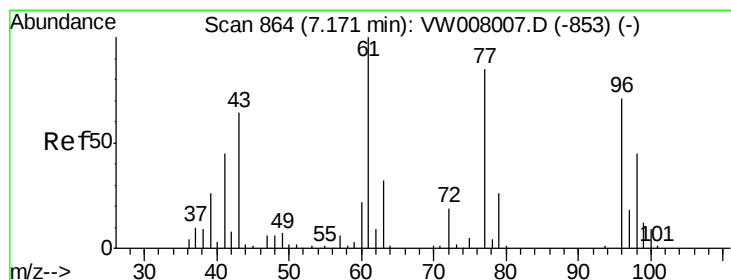
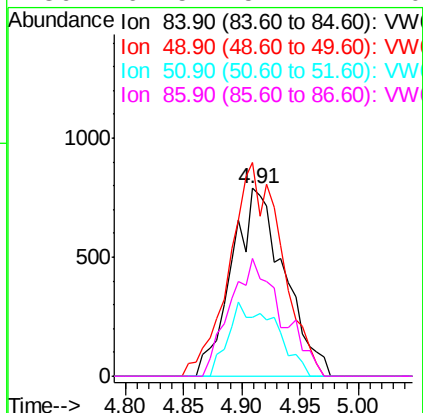
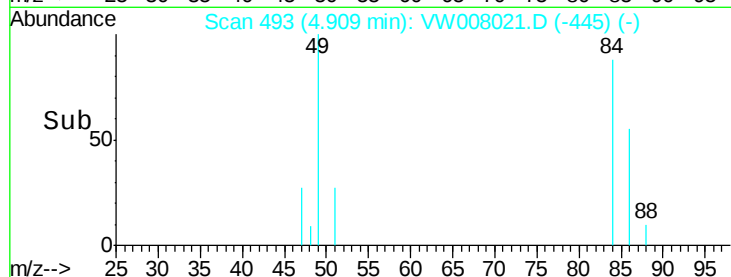
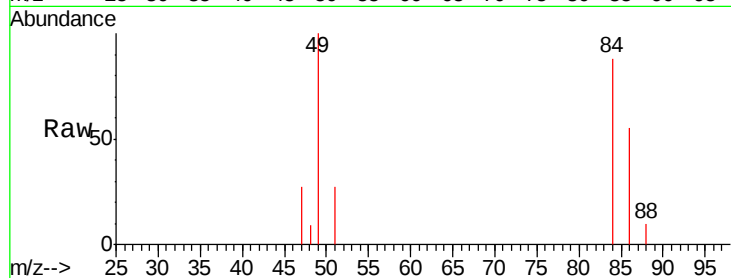




#20
Methylene Chloride
Concen: 1.382 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

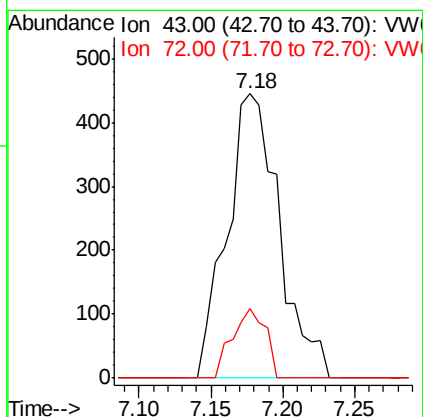
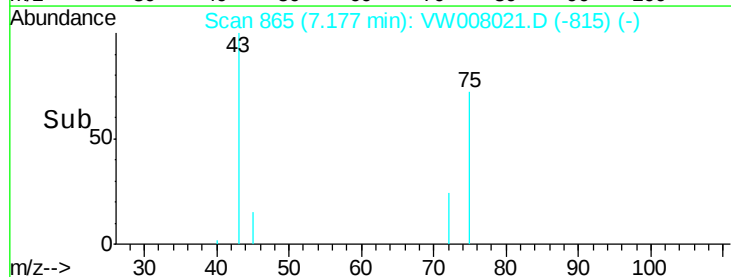
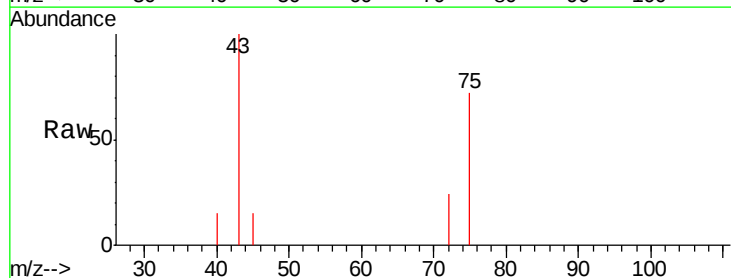
Instrument :
MSVOA_W
ClientSampleId :
TP-2

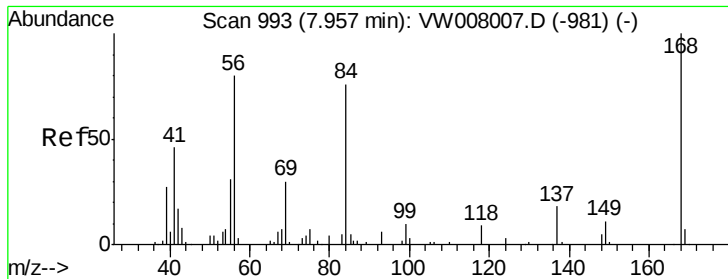
Tgt Ion: 84 Resp: 2475
Ion Ratio Lower Upper
84 100
49 113.5 87.7 131.5
51 31.0 27.3 40.9
86 62.5 51.4 77.0



#25
2-Butanone
Concen: 8.756 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
72 24.2 23.8 35.8

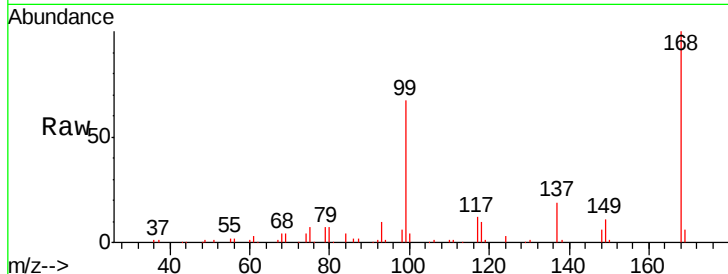




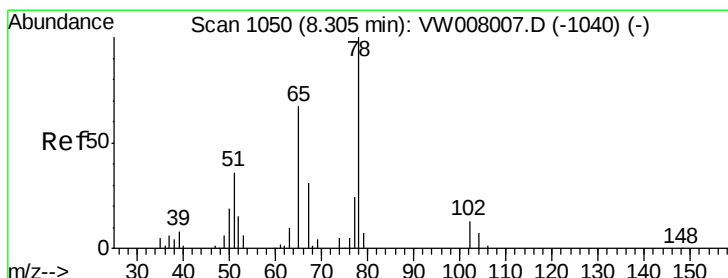
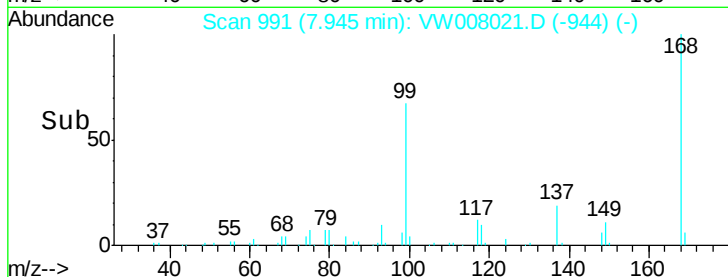
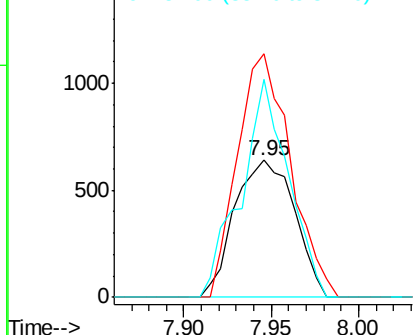
#31
Cyclohexane
Concen: 1.421 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tgt Ion: 56 Resp: 1525
Ion Ratio Lower Upper
56 100
69 177.8 29.8 44.6#
84 159.1 75.2 112.8#

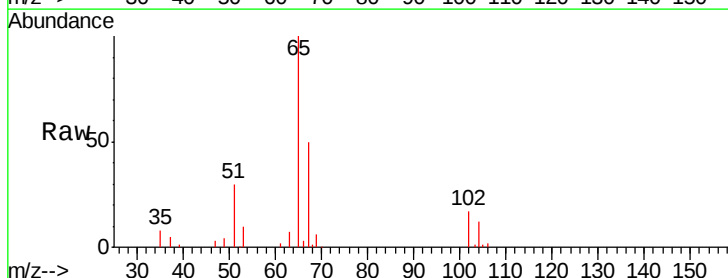


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

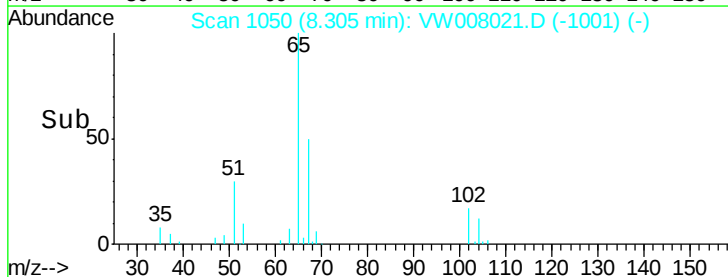
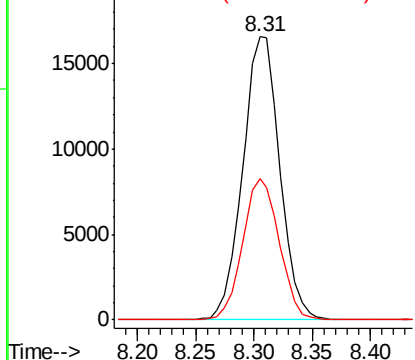


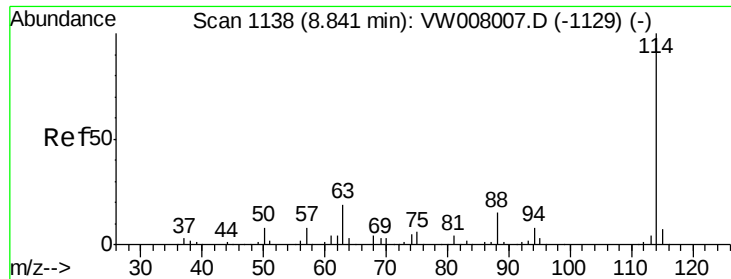
#33
1,2-Dichloroethane-d4
Concen: 52.457 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

Tgt Ion: 65 Resp: 36824
Ion Ratio Lower Upper
65 100
67 49.1 0.0 94.8



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

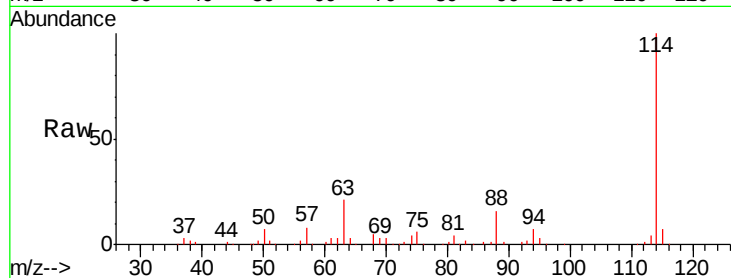




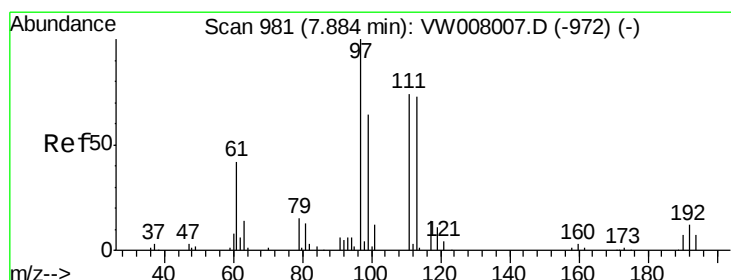
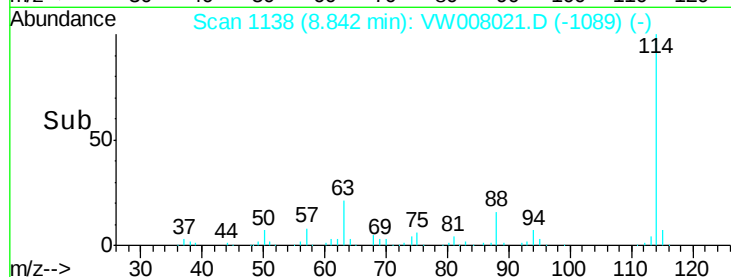
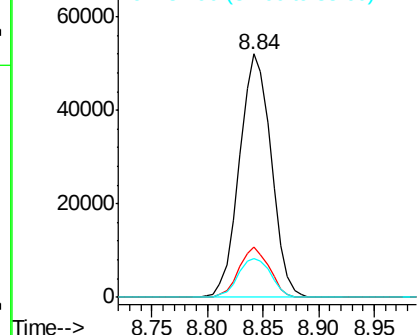
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008021.D
 Acq: 03 Jan 2019 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Tgt Ion:114 Resp: 102916
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.8
 88 15.9 0.0 31.0

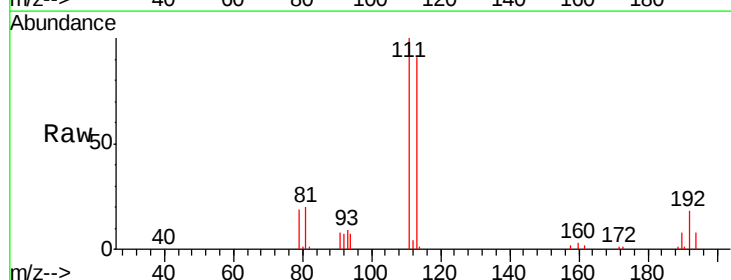


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

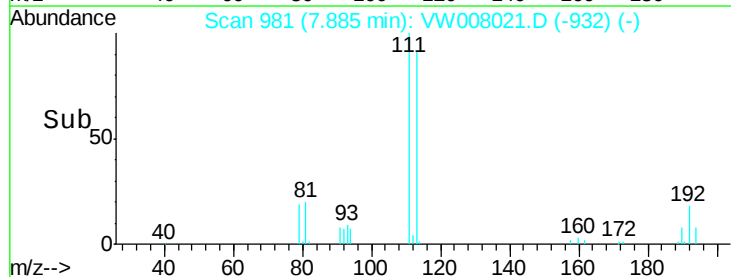
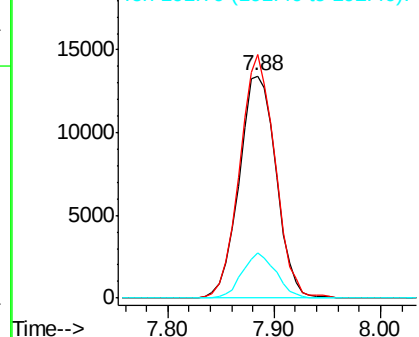


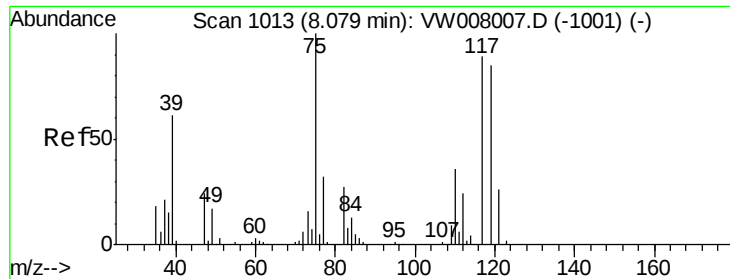
#35
 Dibromofluoromethane
 Concen: 50.564 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008021.D
 Acq: 03 Jan 2019 15:23

Tgt Ion:113 Resp: 32805
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.4 122.0
 192 18.5 14.8 22.2



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

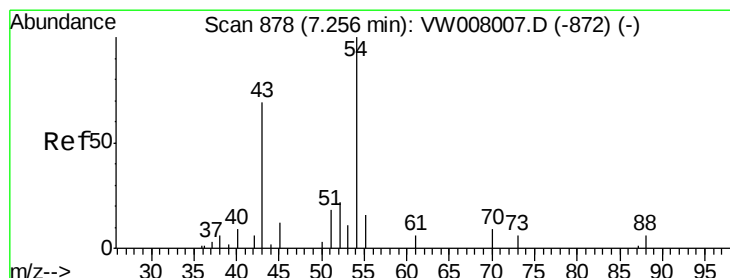
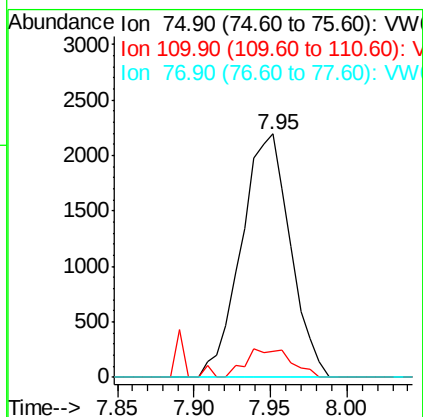
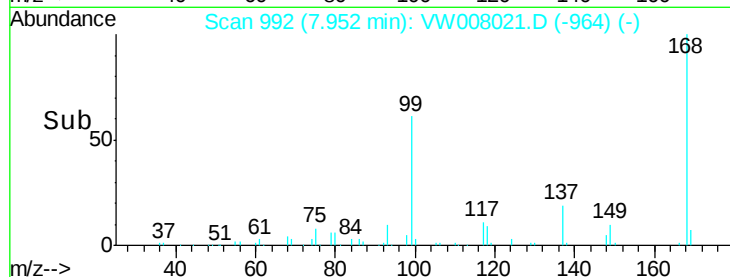
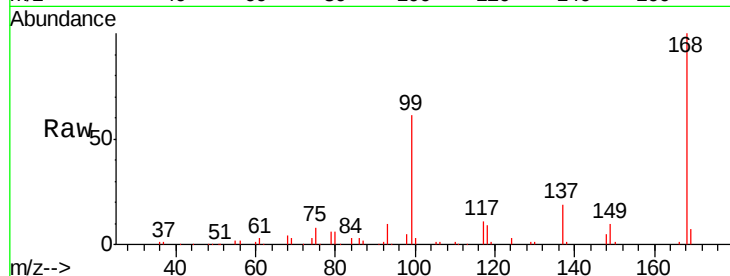




#36
 1,1-Dichloropropene
 Concen: 4.805 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008021.D
 Acq: 03 Jan 2019 15:23

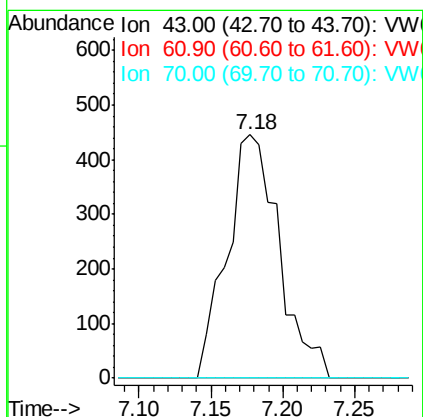
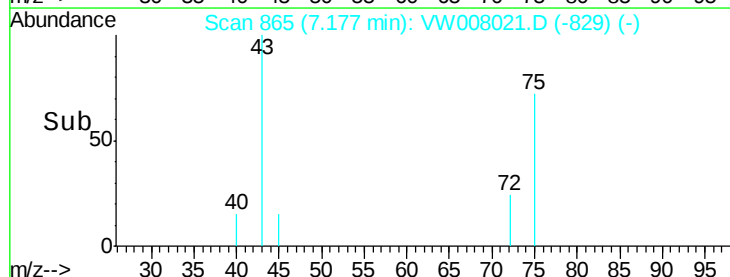
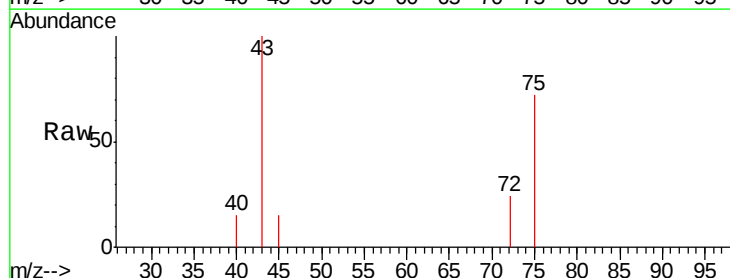
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

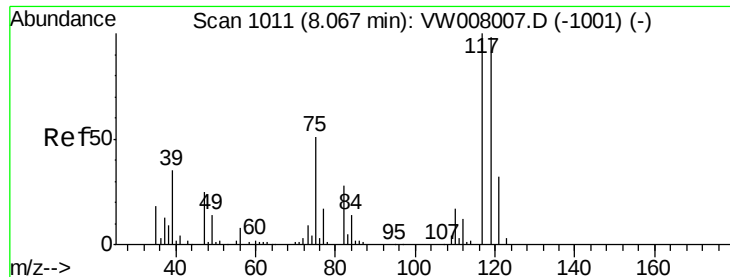
Tgt Ion: 75 Resp: 4878
 Ion Ratio Lower Upper
 75 100
 110 11.0 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 3.676 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008021.D
 Acq: 03 Jan 2019 15:23

Tgt Ion: 43 Resp: 1121
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

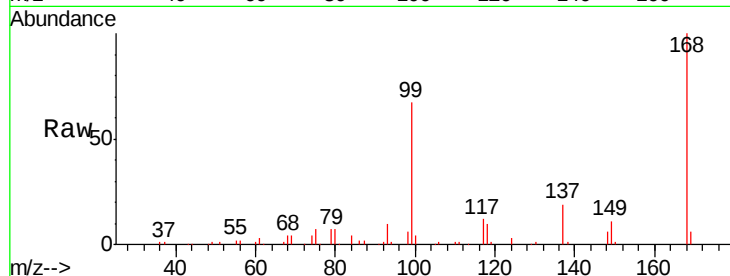




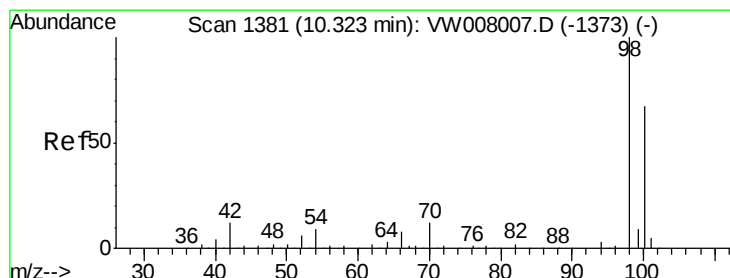
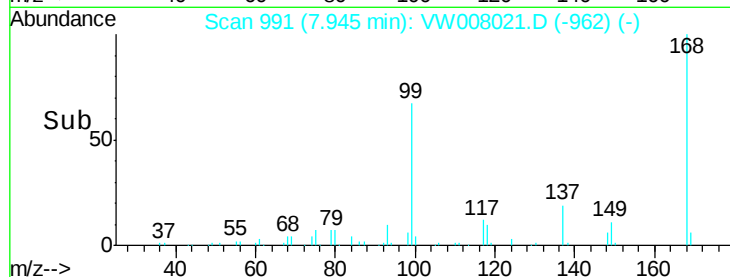
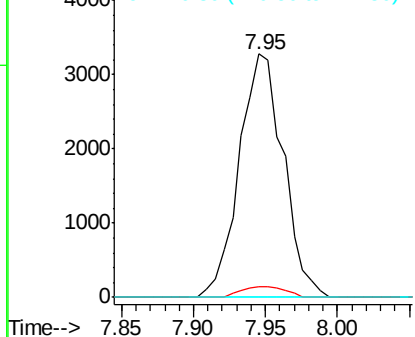
#38
Carbon Tetrachloride
Concen: 5.709 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tgt Ion: 117 Resp: 6946
Ion Ratio Lower Upper
117 100
119 4.6 78.7 118.1#
121 0.0 25.8 38.8#

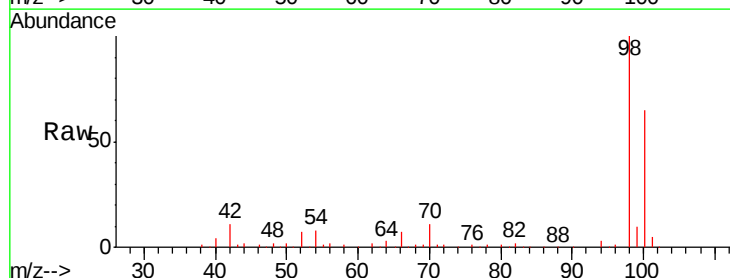


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

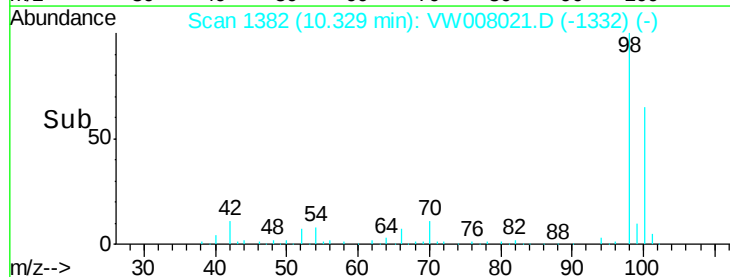
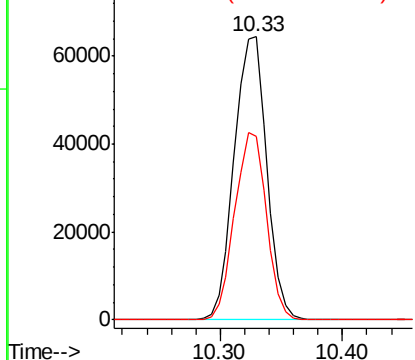


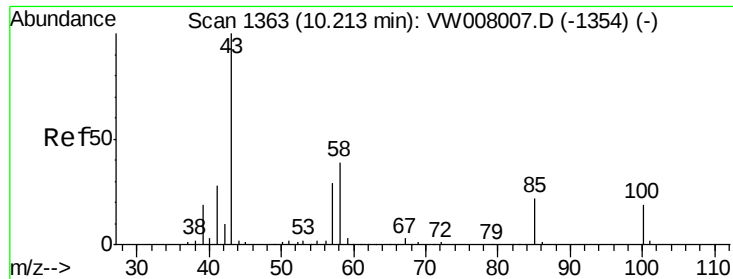
#50
Toluene-d8
Concen: 48.688 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

Tgt Ion: 98 Resp: 118495
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



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: 2.039 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW008021.D

Acq: 03 Jan 2019 15:23

Instrument :

MSVOA_W

ClientSampled :

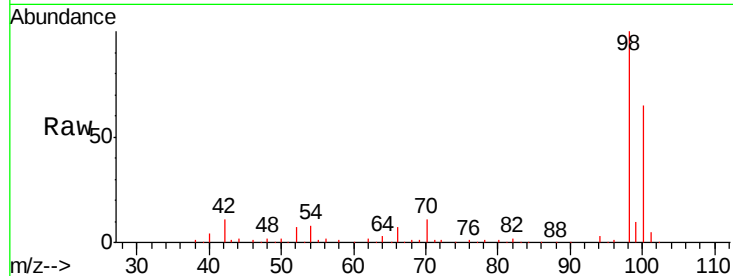
TP-2

Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

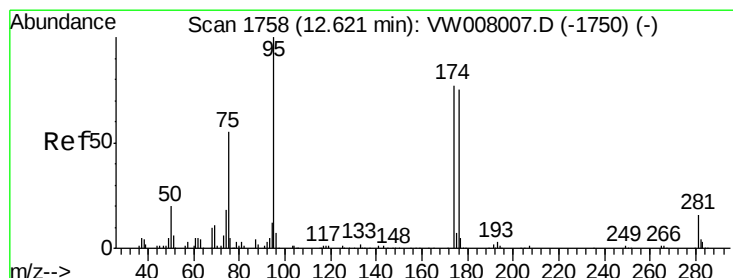
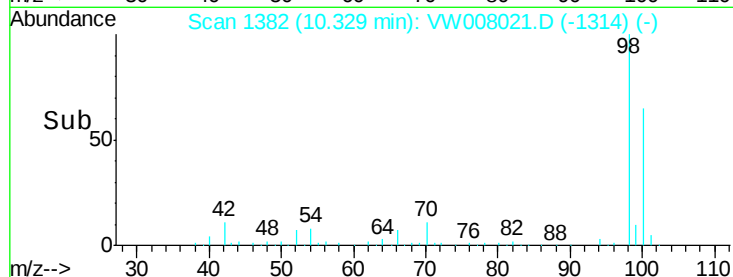
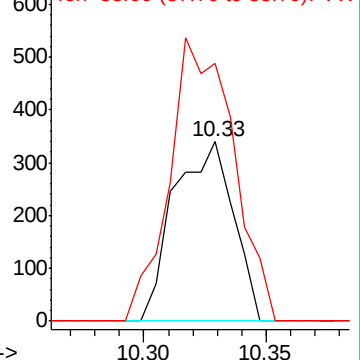
43 100

58 168.9 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 30.592 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008021.D

Acq: 03 Jan 2019 15:23

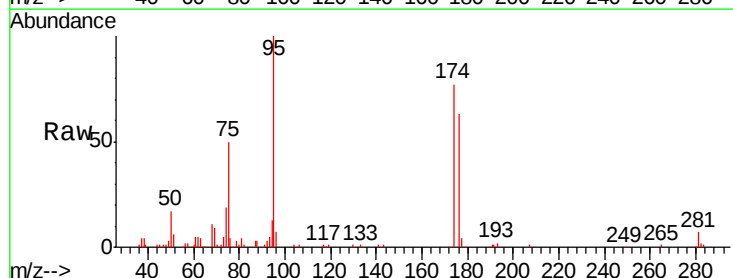
Tgt Ion: 95 Resp: 28553

Ion Ratio Lower Upper

95 100

174 80.0 0.0 149.6

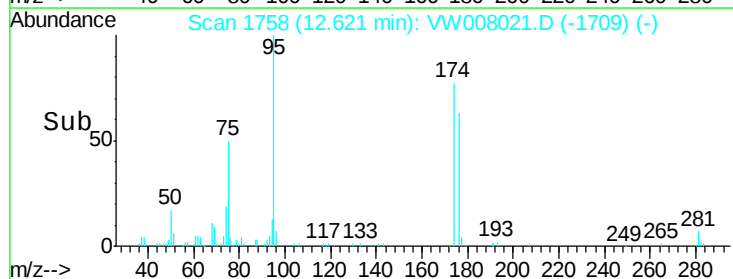
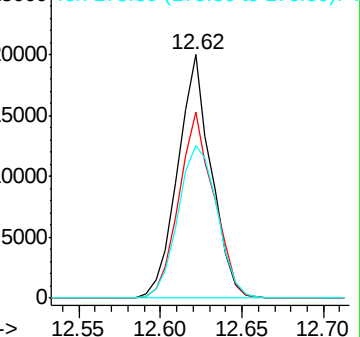
176 73.7 0.0 145.4

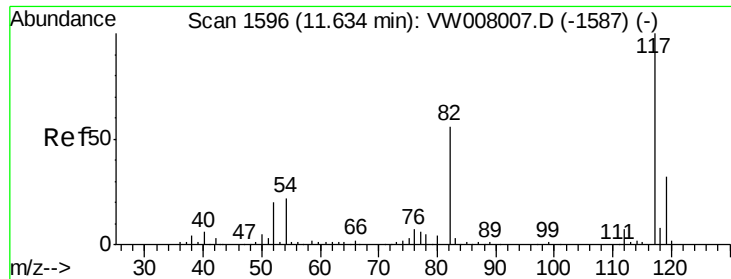


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

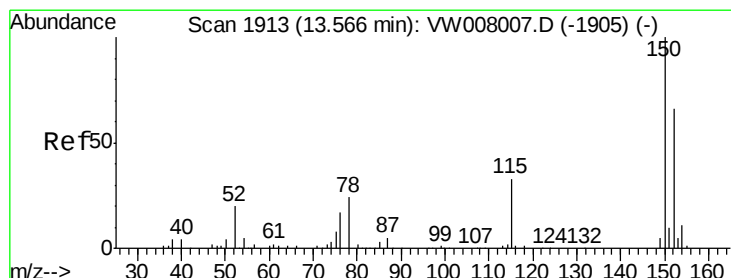
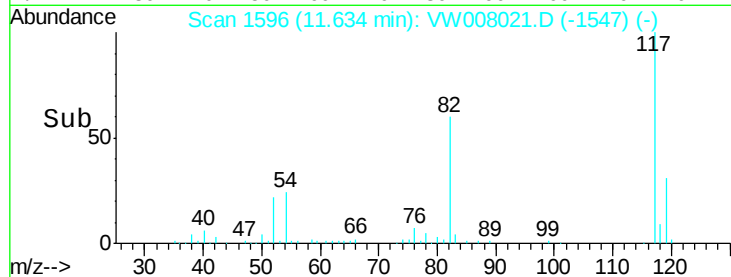
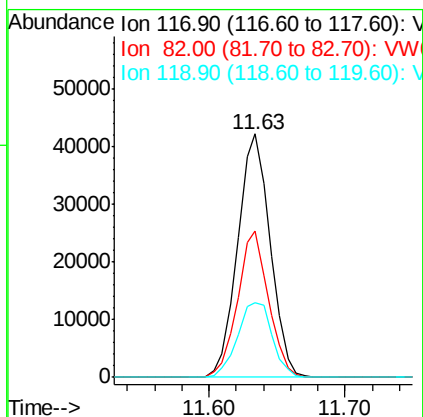
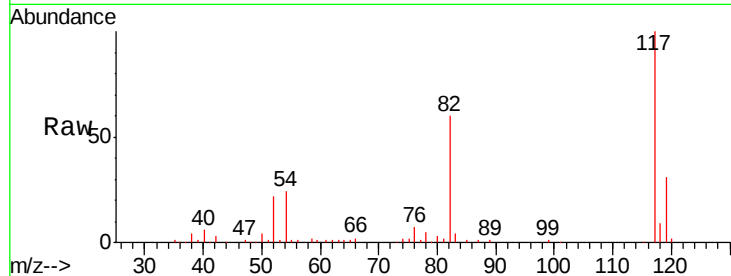




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

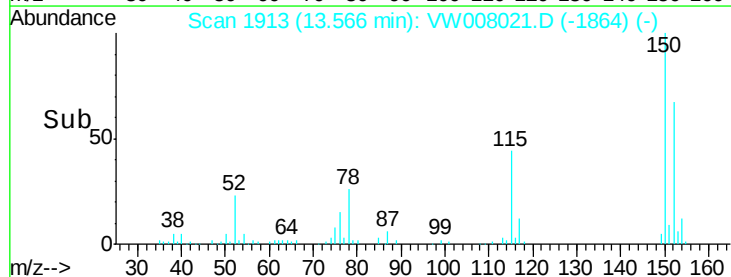
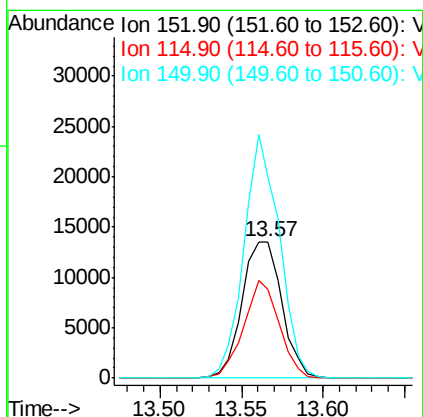
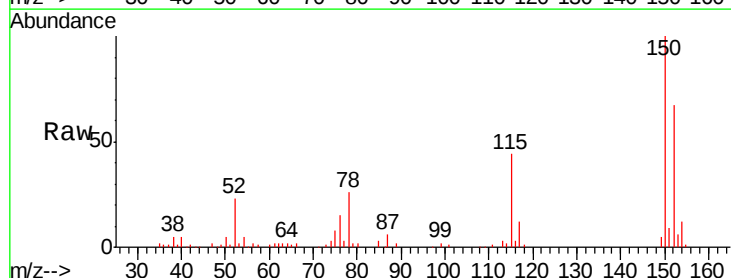
Instrument :
MSVOA_W
ClientSampled :
TP-2

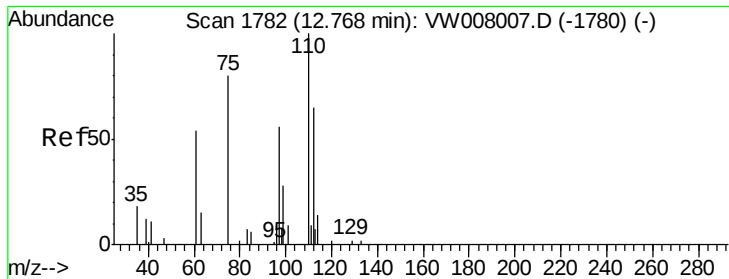
Tgt Ion:117 Resp: 70516
Ion Ratio Lower Upper
117 100
82 60.0 44.8 67.2
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW008021.D
Acq: 03 Jan 2019 15:23

Tgt Ion:152 Resp: 22935
Ion Ratio Lower Upper
152 100
115 64.5 32.1 96.5
150 159.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 88.897 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008021.D

Acq: 03 Jan 2019 15:23

Instrument :

MSVOA_W

ClientSampleId :

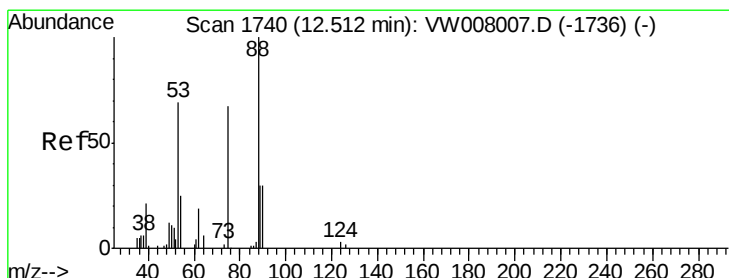
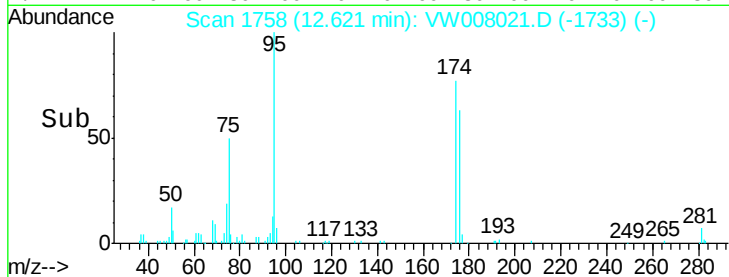
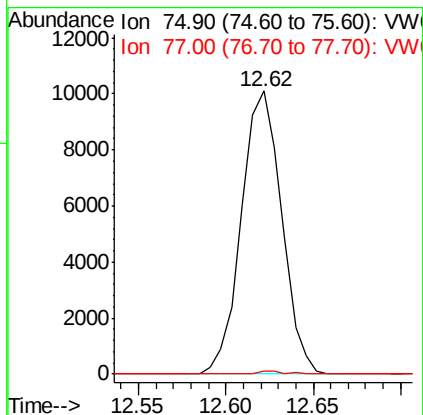
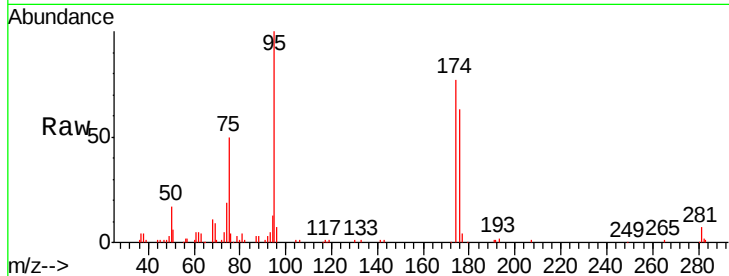
TP-2

Tgt Ion: 75 Resp: 16220

Ion Ratio Lower Upper

75 100

77 0.6 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 210.226 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008021.D

Acq: 03 Jan 2019 15:23

Tgt Ion: 75 Resp: 16220

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#

