

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008020.D
 Acq On : 03 Jan 2019 14:56
 Operator : SY/AP
 Sample : K1017-01
 Misc : 4.94G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Jan 04 00:31:32 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	64545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	105739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	78861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24872	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	38813	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
35) Dibromofluoromethane	7.88	113	34025	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
50) Toluene-d8	10.33	98	123545	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	33381	34.81	ug/l	0.00
Spiked Amount			Recovery	=	69.62%	

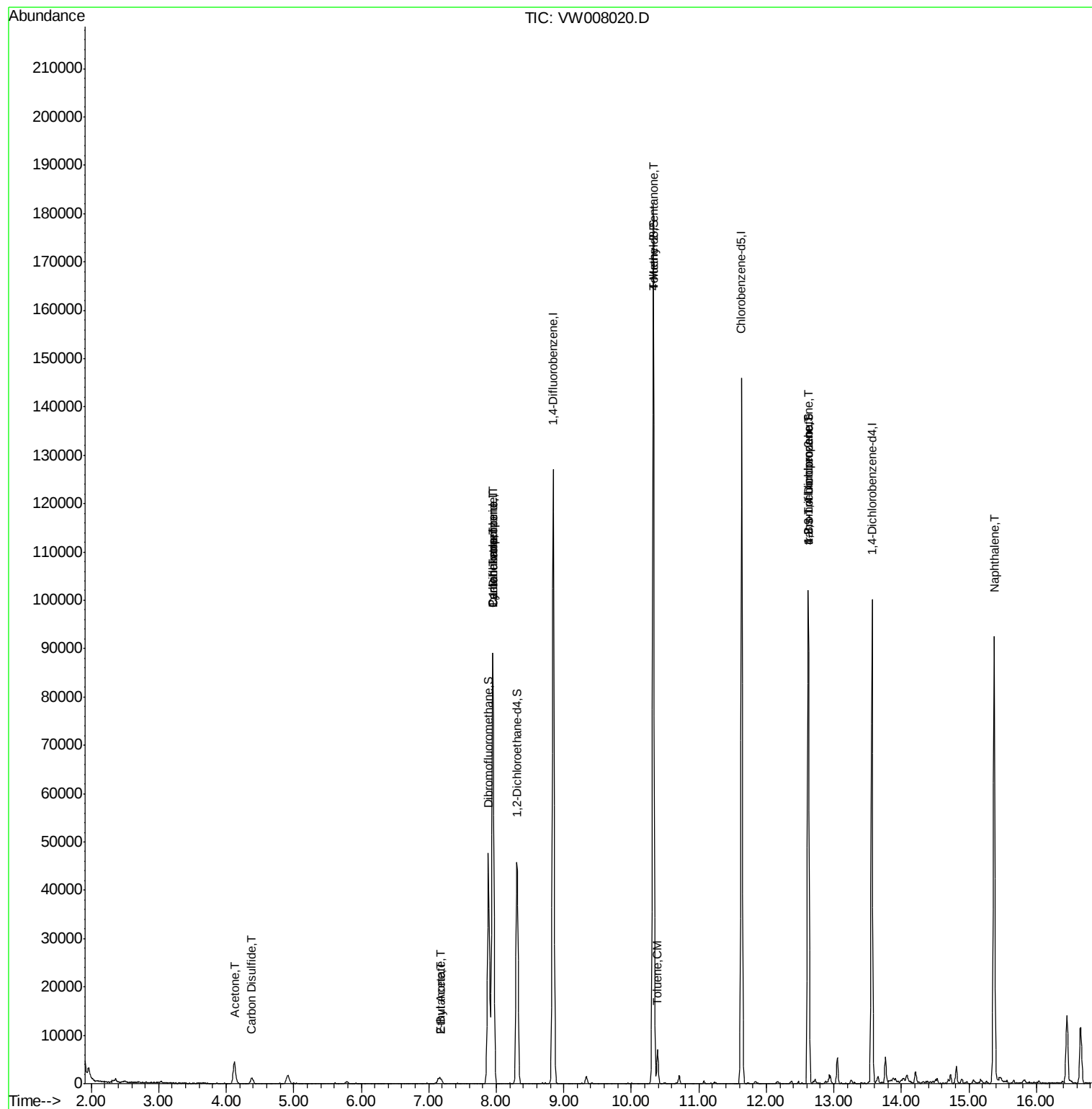
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7821	70.772	ug/l	99
17) Carbon Disulfide	4.37	76	2022	1.021	ug/l	97
25) 2-Butanone	7.18	43	1710	13.133	ug/l #	86
31) Cyclohexane	7.95	56	1670	1.530	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	5023	4.816	ug/l #	50
37) Ethyl Acetate	7.18	43	1710	5.458	ug/l #	67
38) Carbon Tetrachloride	7.95	117	6969	5.575	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	682	2.353	ug/l #	1
52) Toluene	10.39	92	3202	1.763	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	18578	93.890	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	18578	222.036	ug/l #	6
95) Naphthalene	15.38	128	79185	87.829	ug/l	99

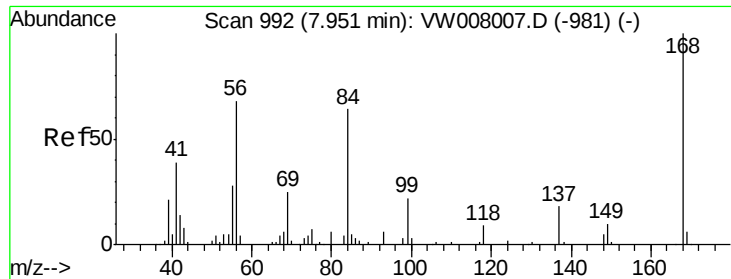
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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Quant Title : SW846 8260
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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: VW008020.D

Acq: 03 Jan 2019 14:56

Instrument :

MSVOA_W

ClientSampled :

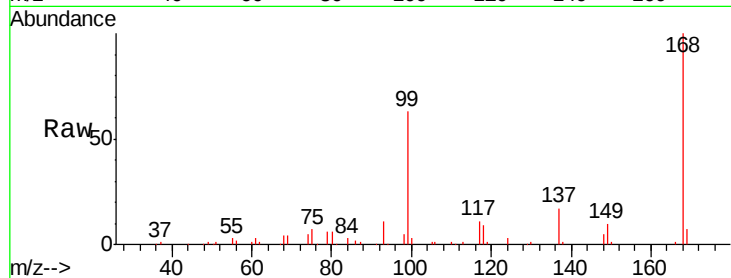
TP-1

Tgt Ion:168 Resp: 64545

Ion Ratio Lower Upper

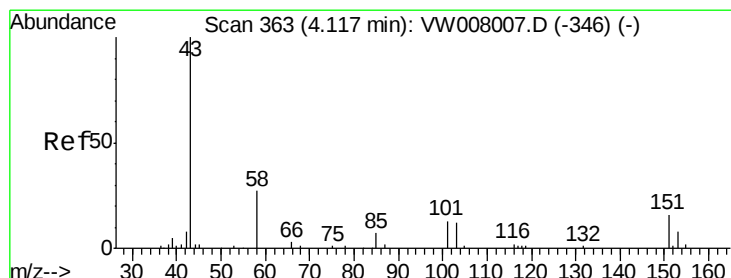
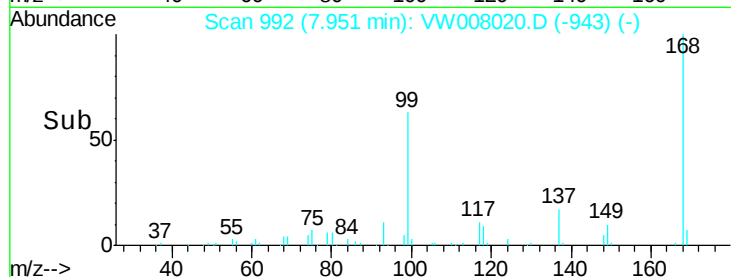
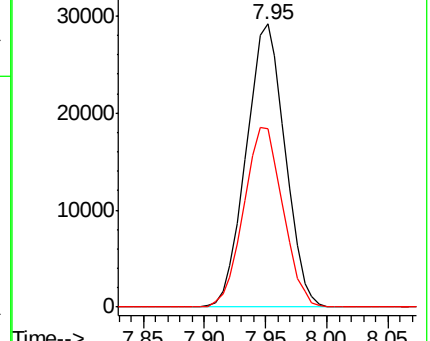
168 100

99 63.0 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: 70.772 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008020.D

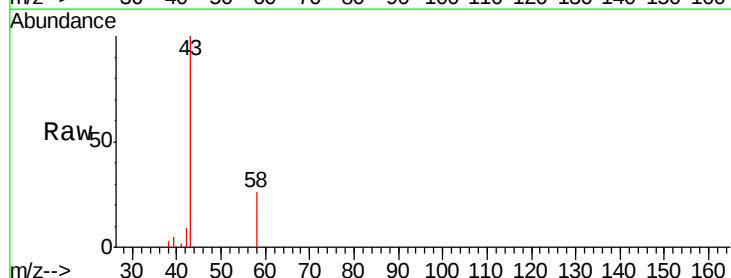
Acq: 03 Jan 2019 14:56

Tgt Ion: 43 Resp: 7821

Ion Ratio Lower Upper

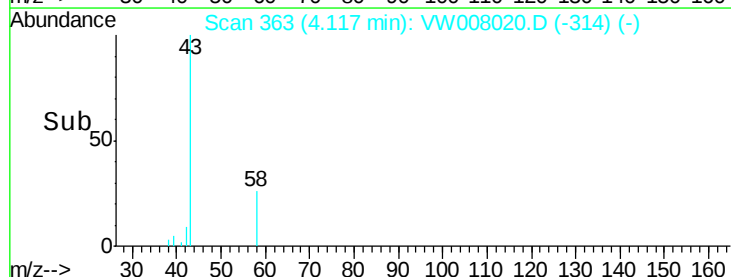
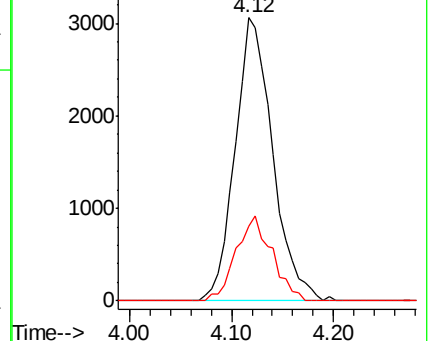
43 100

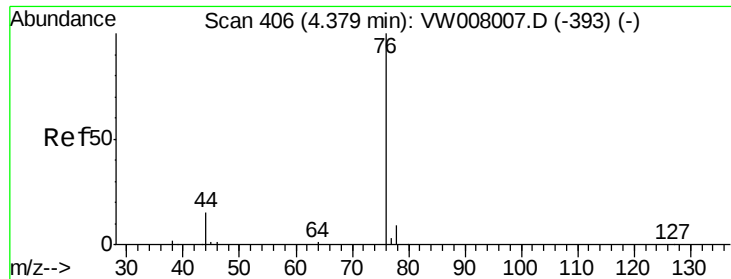
58 26.4 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

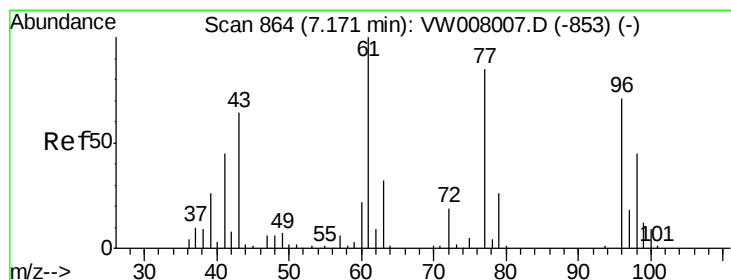
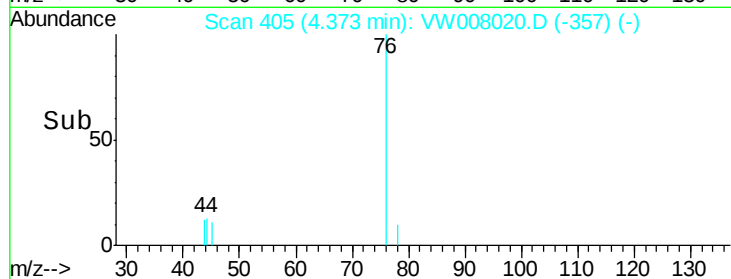
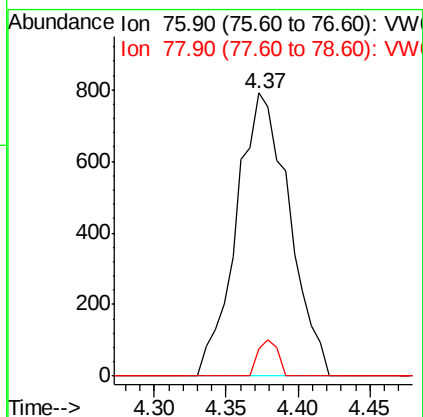
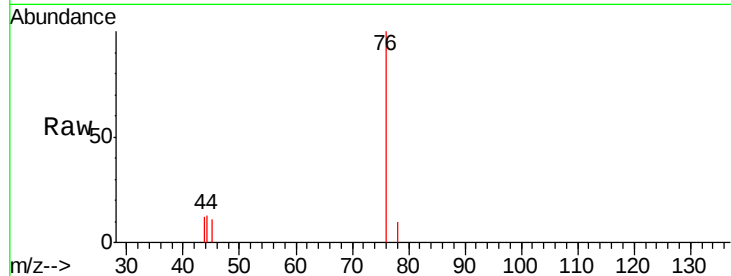




#17
Carbon Disulfide
Concen: 1.021 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

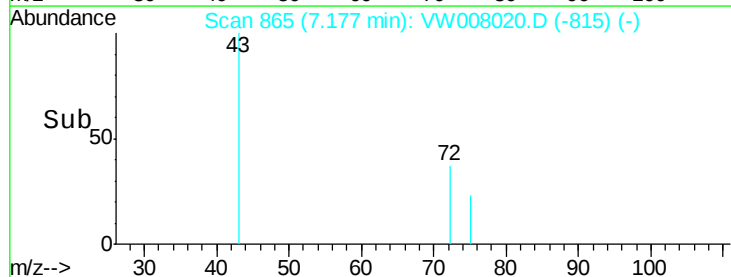
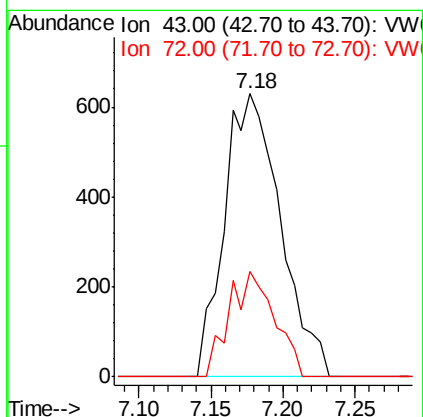
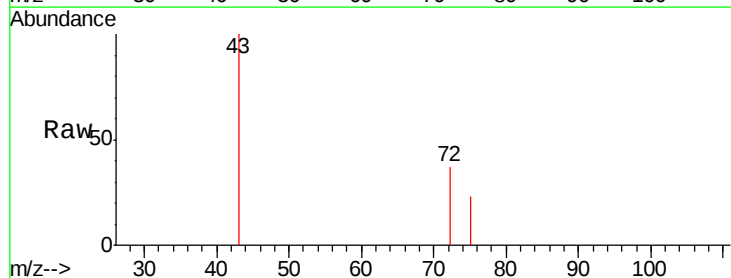
Instrument :
MSVOA_W
ClientSampled :
TP-1

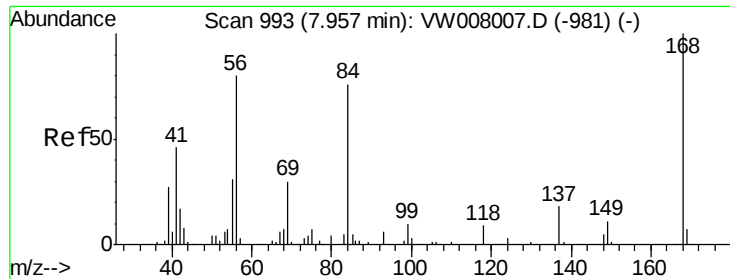
Tgt Ion: 76 Resp: 2022
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#25
2-Butanone
Concen: 13.133 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

Tgt Ion: 43 Resp: 1710
Ion Ratio Lower Upper
43 100
72 37.2 23.8 35.8#

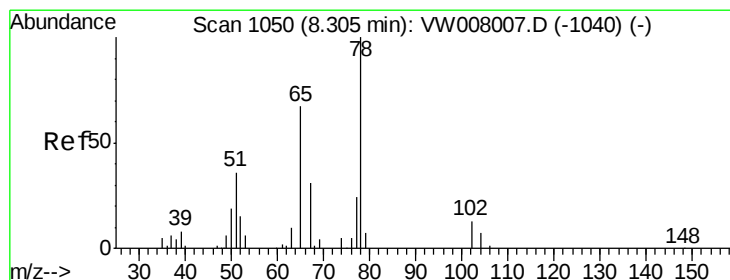
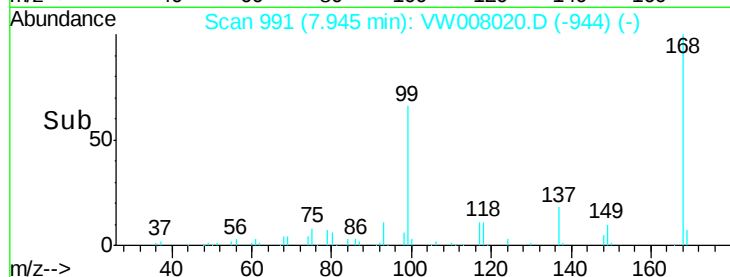
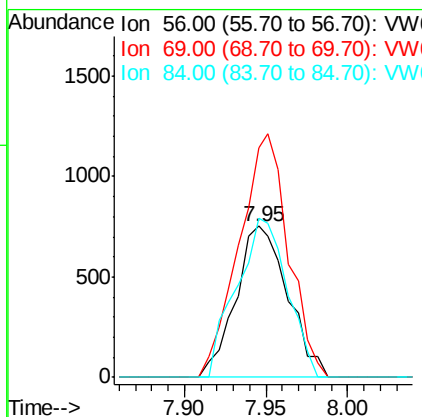
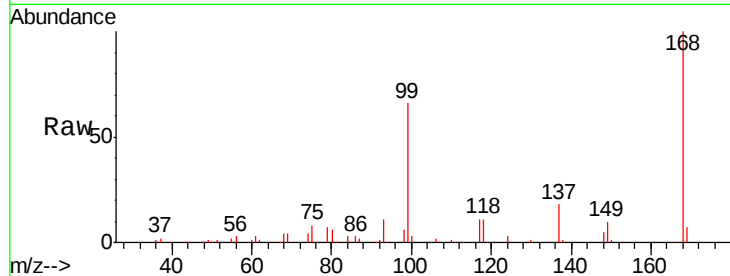




#31
Cyclohexane
Concen: 1.530 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

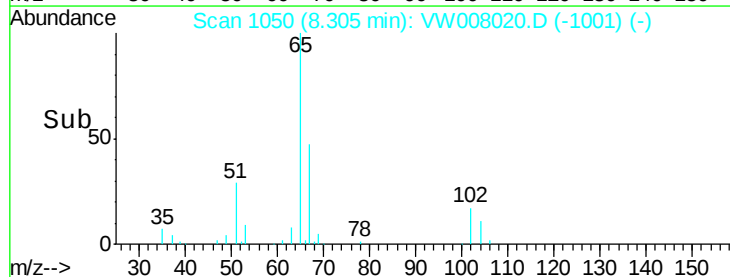
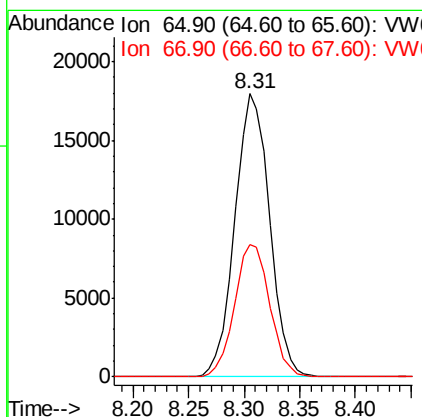
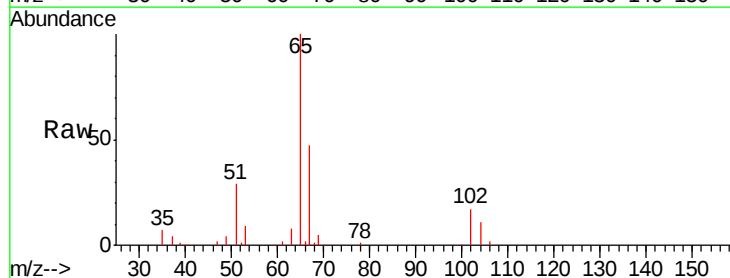
Instrument :
MSVOA_W
ClientSampleId :
TP-1

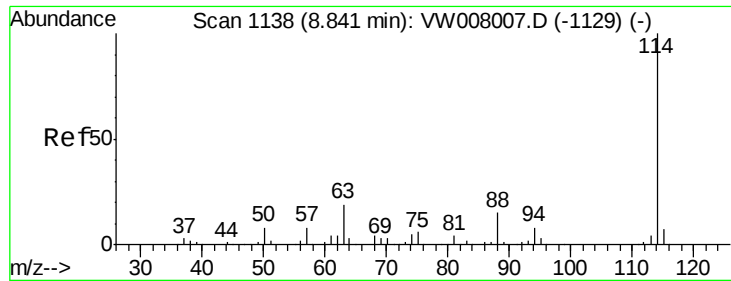
Tgt Ion: 56 Resp: 1670
Ion Ratio Lower Upper
56 100
69 151.6 29.8 44.6#
84 104.9 75.2 112.8



#33
1,2-Dichloroethane-d4
Concen: 54.367 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

Tgt Ion: 65 Resp: 38813
Ion Ratio Lower Upper
65 100
67 47.4 0.0 94.8

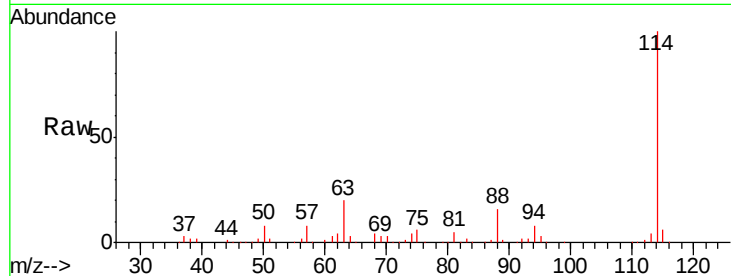




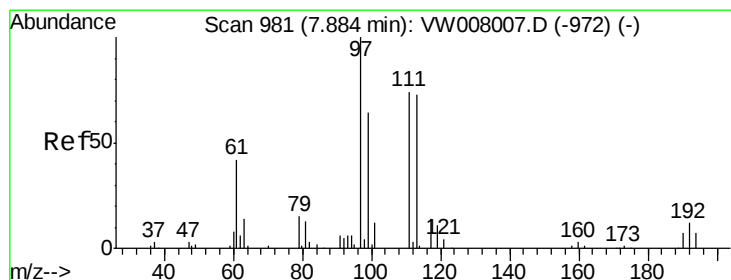
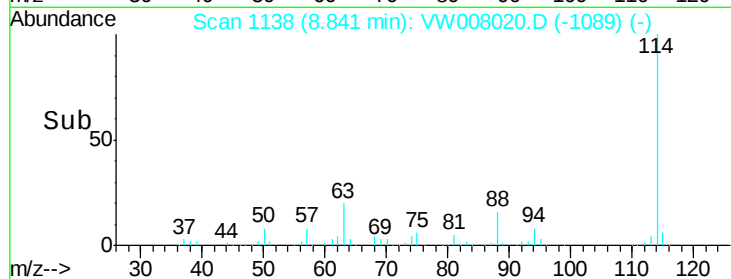
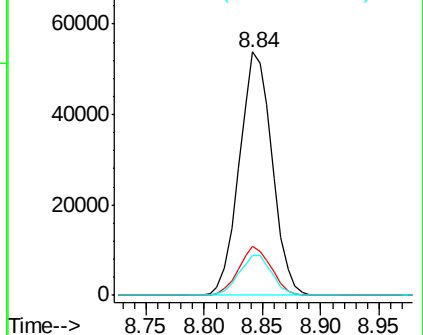
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Tgt Ion:114 Resp: 105739
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.8
88 16.3 0.0 31.0

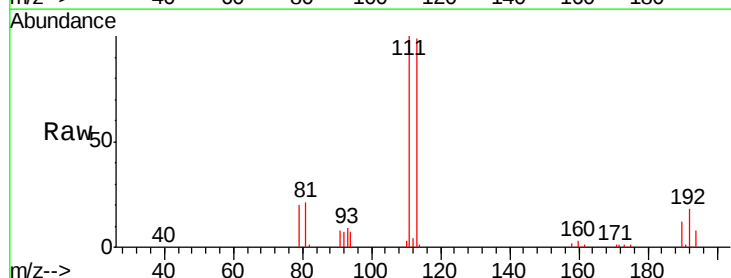


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

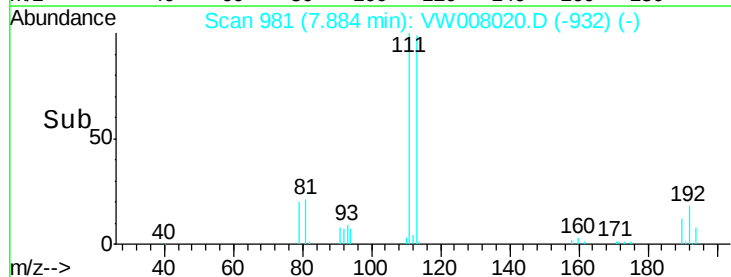
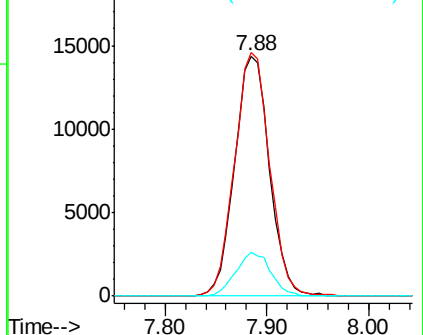


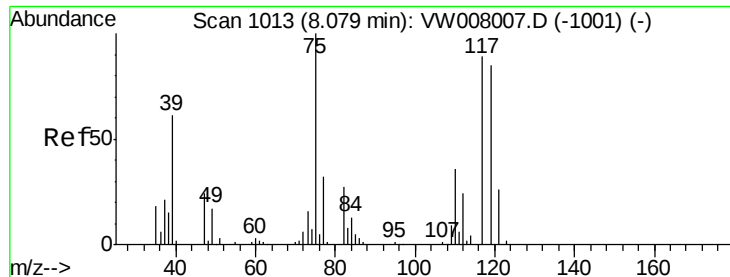
#35
Dibromofluoromethane
Concen: 51.044 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

Tgt Ion:113 Resp: 34025
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.2 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

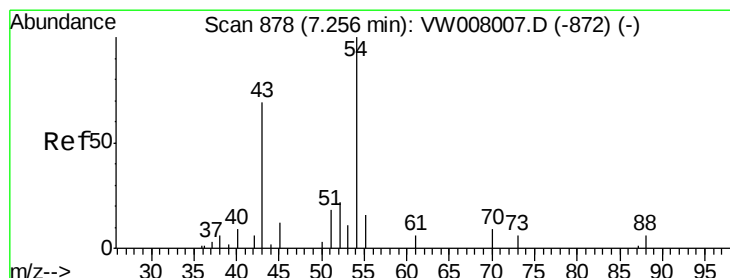
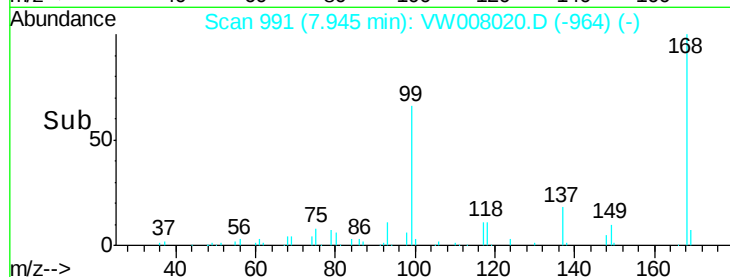
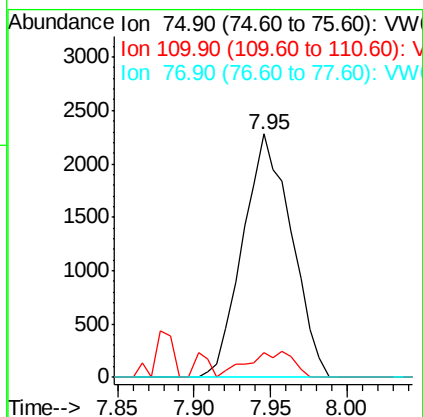
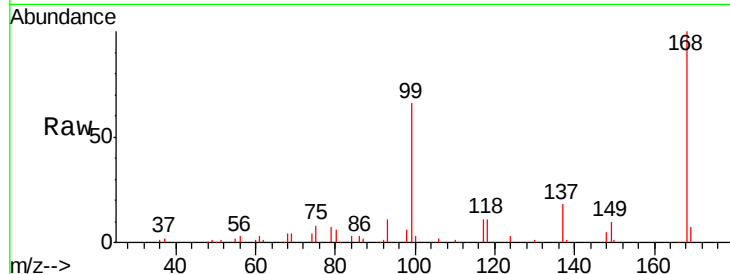




#36
 1,1-Dichloropropene
 Concen: 4.816 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008020.D
 Acq: 03 Jan 2019 14:56

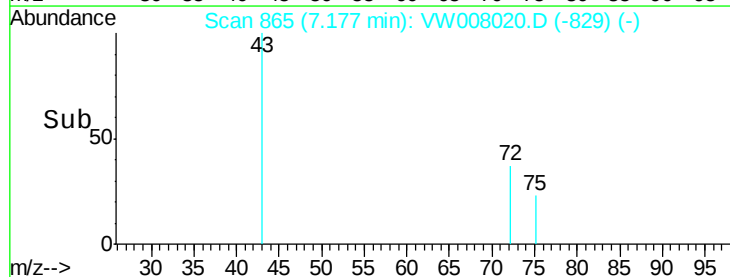
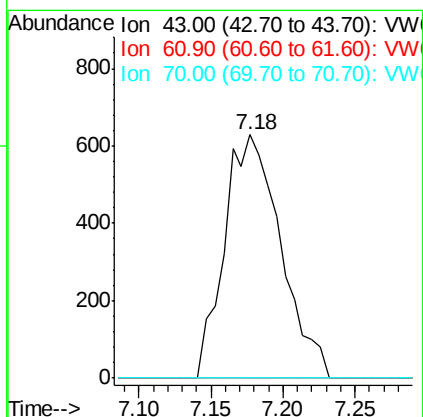
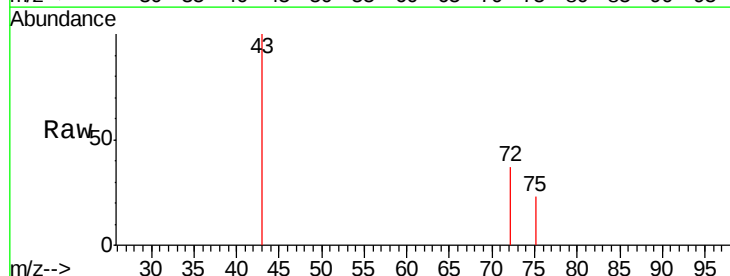
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1

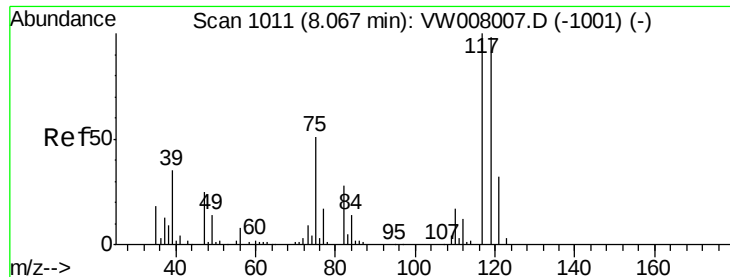
Tgt Ion: 75 Resp: 5023
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 5.458 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008020.D
 Acq: 03 Jan 2019 14:56

Tgt Ion: 43 Resp: 1710
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 5.575 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008020.D

Acq: 03 Jan 2019 14:56

Instrument :

MSVOA_W

ClientSampleId :

TP-1

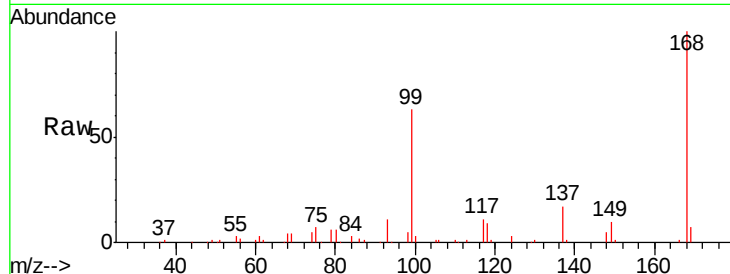
Tgt Ion: 117 Resp: 6969

Ion Ratio Lower Upper

117 100

119 6.0 78.7 118.1#

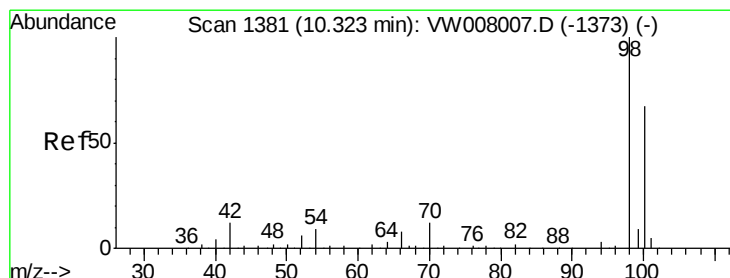
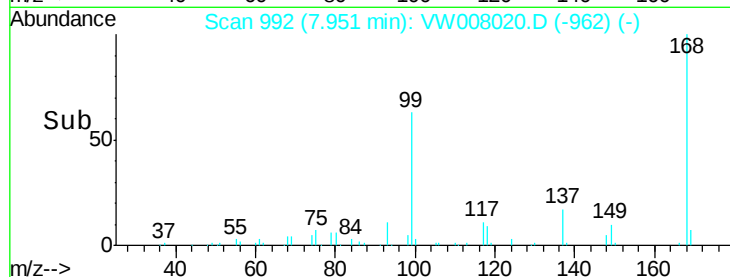
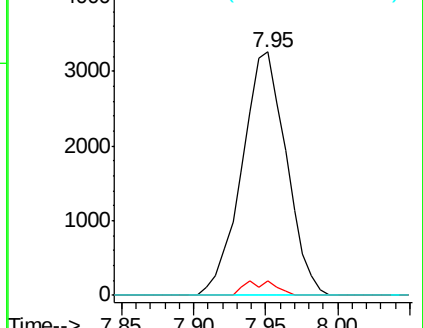
121 0.0 25.8 38.8#



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: 49.408 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW008020.D

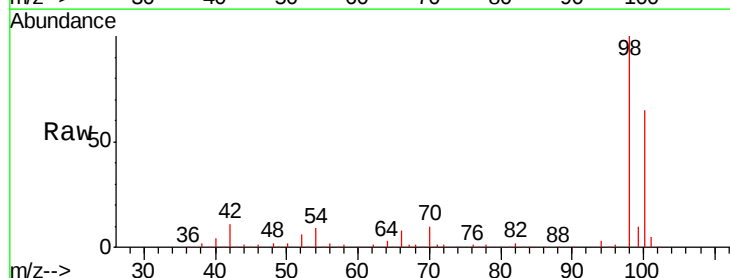
Acq: 03 Jan 2019 14:56

Tgt Ion: 98 Resp: 123545

Ion Ratio Lower Upper

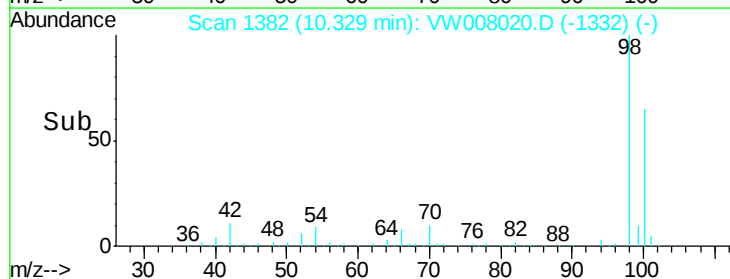
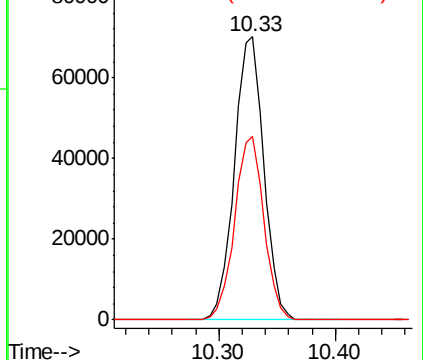
98 100

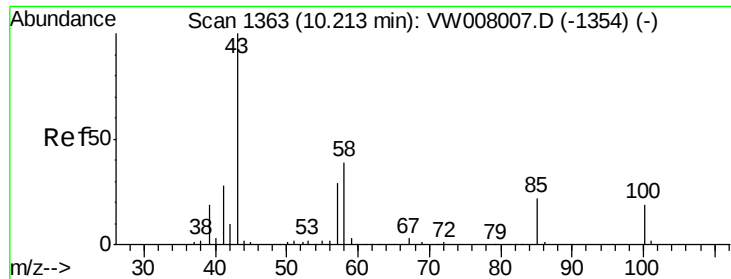
100 64.6 52.9 79.3



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: 2.353 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008020.D

Acq: 03 Jan 2019 14:56

Instrument :

MSVOA_W

ClientSampled :

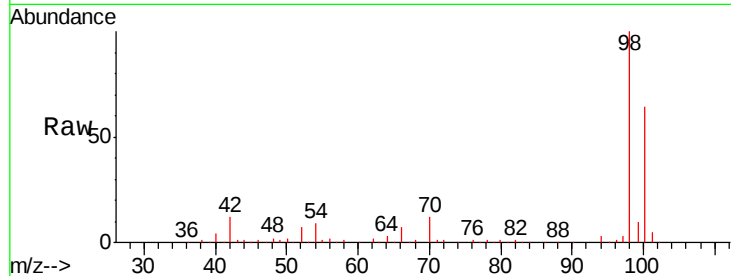
TP-1

Tgt Ion: 43 Resp: 682

Ion Ratio Lower Upper

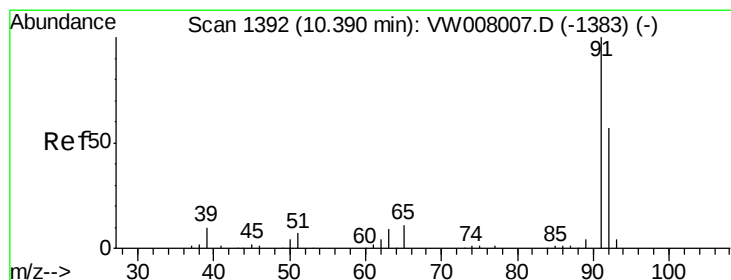
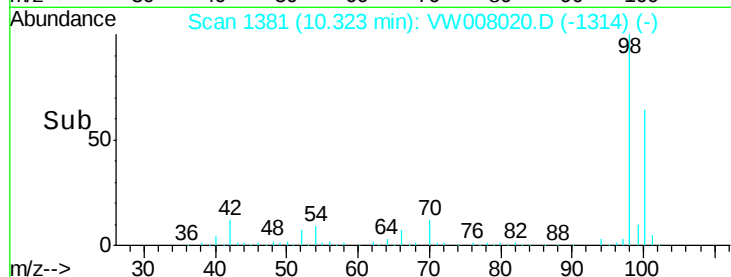
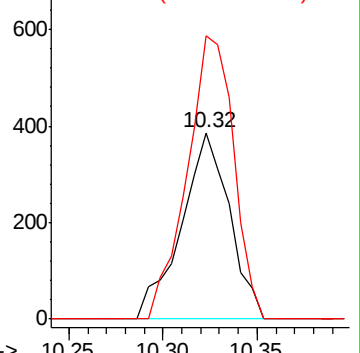
43 100

58 147.7 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 1.763 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008020.D

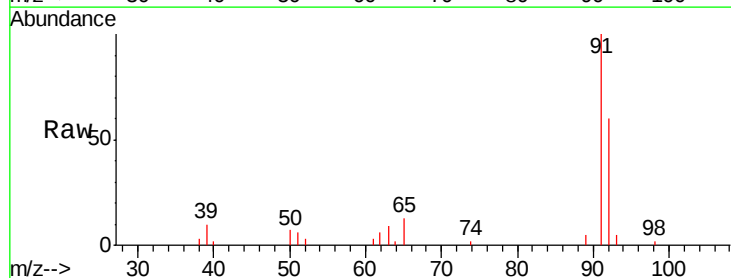
Acq: 03 Jan 2019 14:56

Tgt Ion: 92 Resp: 3202

Ion Ratio Lower Upper

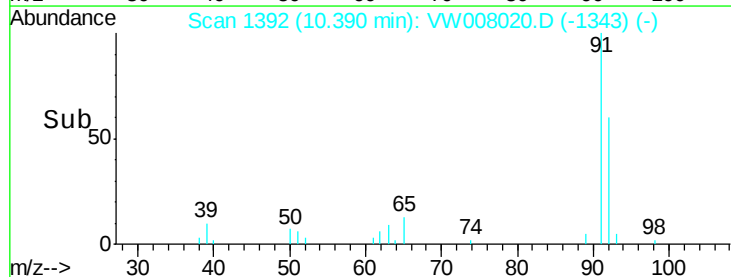
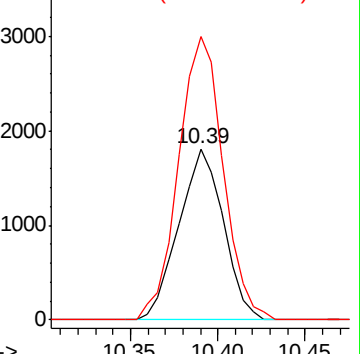
92 100

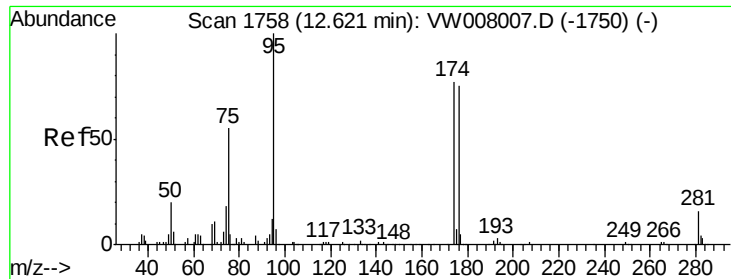
91 165.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

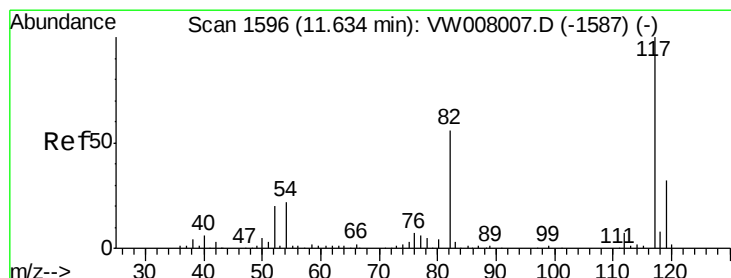
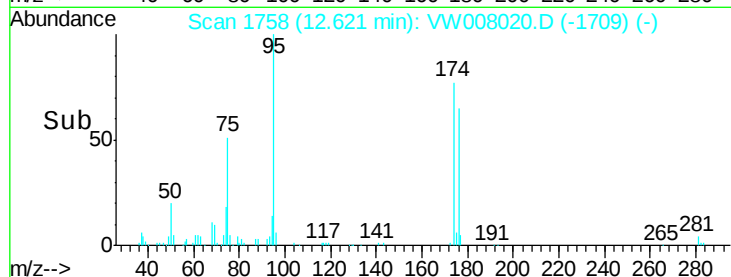
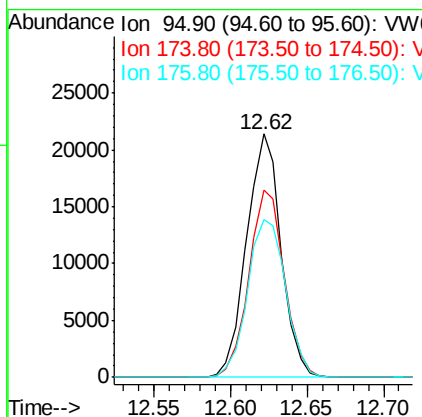
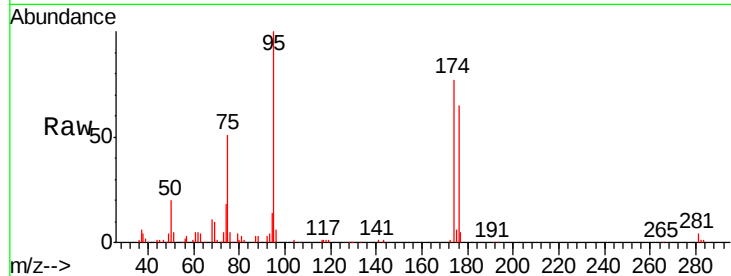




#62
4-Bromofluorobenzene
Concen: 34.809 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

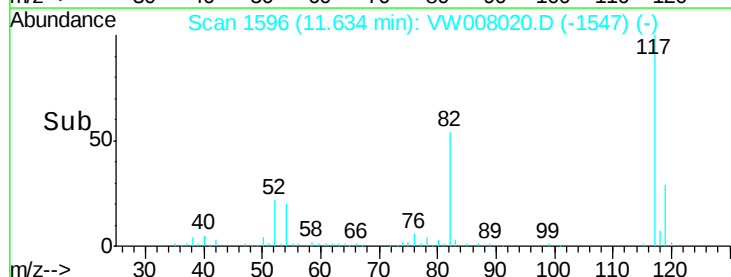
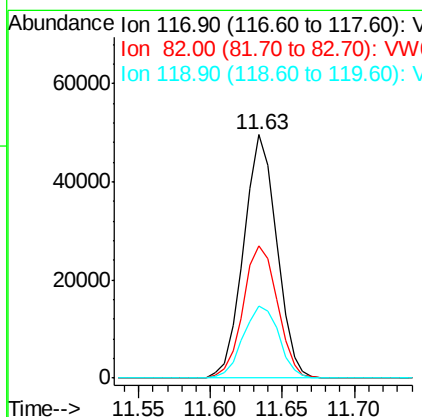
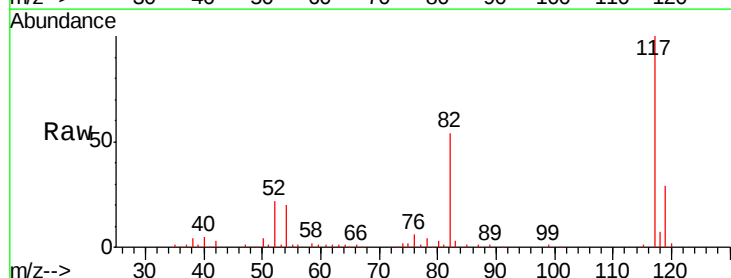
Instrument :
MSVOA_W
ClientSampled :
TP-1

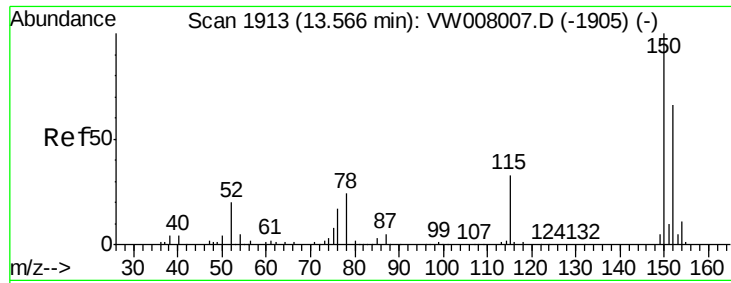
Tgt Ion: 95 Resp: 33381
Ion Ratio Lower Upper
95 100
174 79.5 0.0 149.6
176 72.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008020.D
Acq: 03 Jan 2019 14:56

Tgt Ion: 117 Resp: 78861
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 29.5 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: VW008020.D

Acq: 03 Jan 2019 14:56

Instrument :

MSVOA_W

ClientSampleId :

TP-1

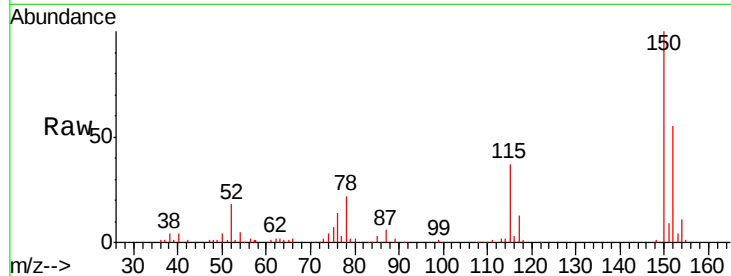
Tgt Ion: 152 Resp: 24872

Ion Ratio Lower Upper

152 100

115 67.5 32.1 96.5

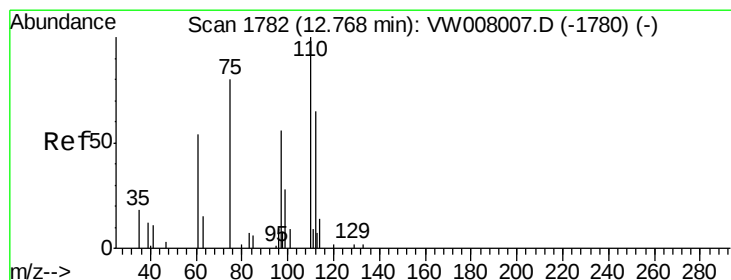
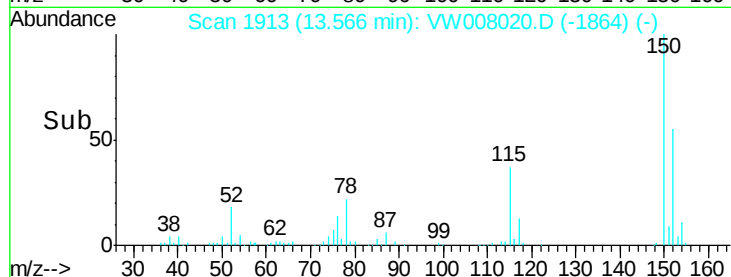
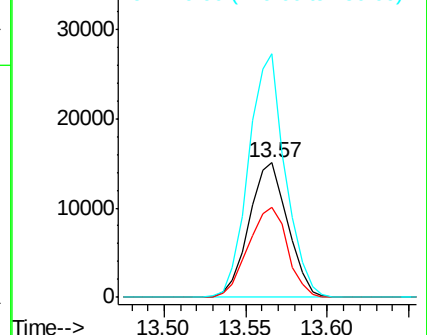
150 171.1 0.0 345.0



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: 93.890 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008020.D

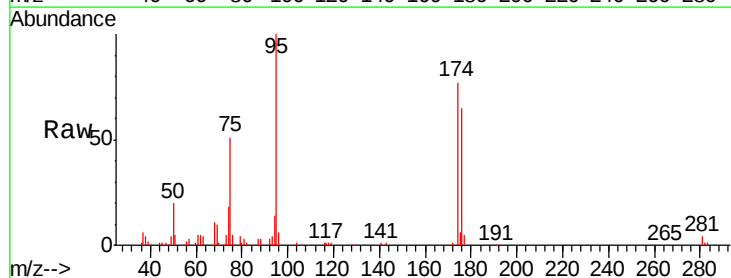
Acq: 03 Jan 2019 14:56

Tgt Ion: 75 Resp: 18578

Ion Ratio Lower Upper

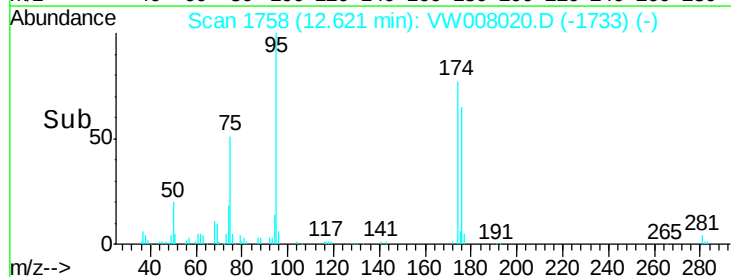
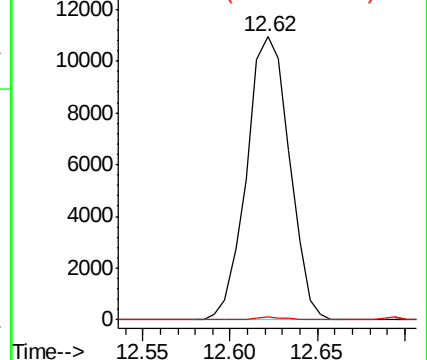
75 100

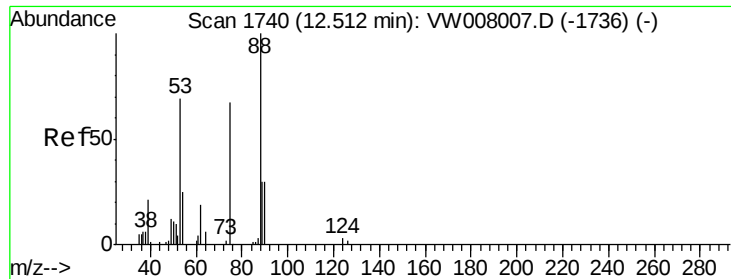
77 0.5 186.2 558.6#



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: 222.036 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008020.D

Acq: 03 Jan 2019 14:56

Instrument :

MSVOA_W

ClientSampleId :

TP-1

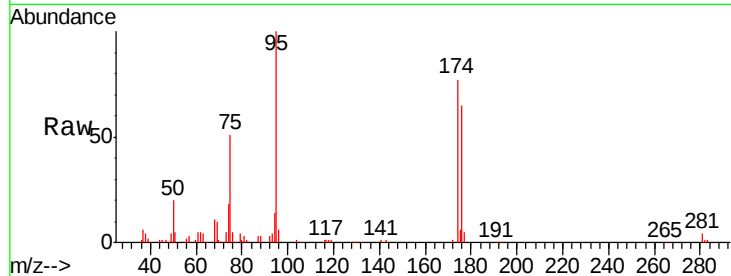
Tgt Ion: 75 Resp: 18578

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

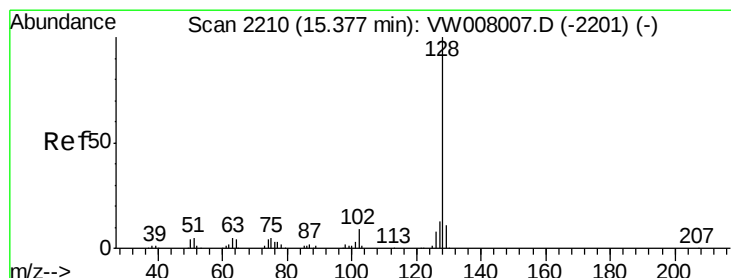
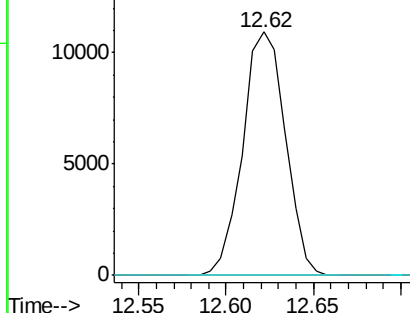
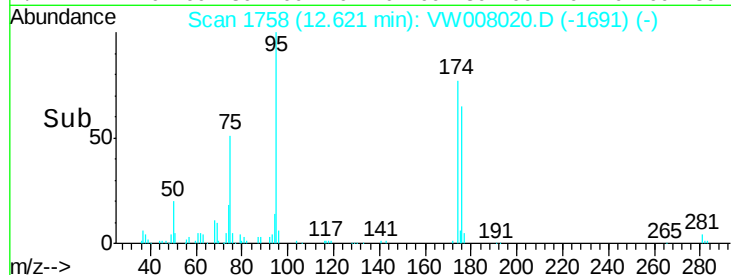
89 0.0 42.2 63.2#



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



#95

Naphthalene

Concen: 87.829 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008020.D

Acq: 03 Jan 2019 14:56

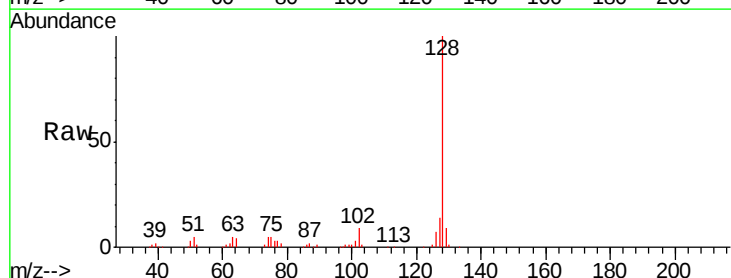
Tgt Ion: 128 Resp: 79185

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

