

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008022.D
 Acq On : 03 Jan 2019 15:50
 Operator : SY/AP
 Sample : K1017-09
 Misc : 5.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Quant Time: Jan 04 00:32:03 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	64848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	41298	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	40705	56.75	ug/l	0.00
Spiked Amount			Recovery	=	113.50%	
35) Dibromofluoromethane	7.88	113	34940	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	10.32	98	129068	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	42905	42.96	ug/l	0.00
Spiked Amount			Recovery	=	85.92%	

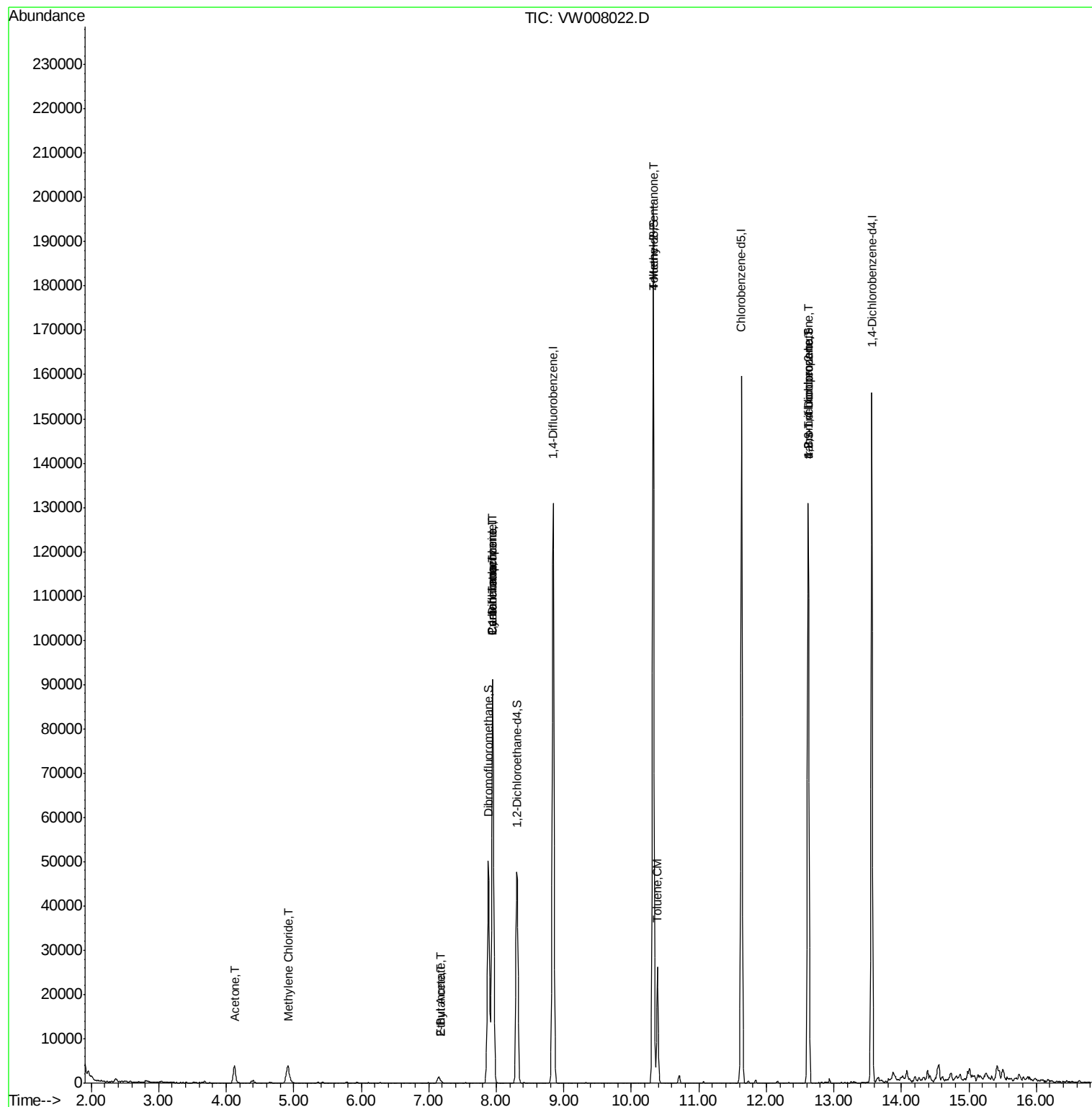
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	6457	58.156	ug/l	91
20) Methylene Chloride	4.91	84	3643	3.091	ug/l #	92
25) 2-Butanone	7.18	43	803	6.138	ug/l #	78
31) Cyclohexane	7.95	56	1394	1.271	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	4997	4.600	ug/l #	49
37) Ethyl Acetate	7.18	43	803	2.461	ug/l #	67
38) Carbon Tetrachloride	7.95	117	6930	5.324	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	572	1.896	ug/l #	1
52) Toluene	10.39	92	11148	5.893	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	23159	70.489	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23159	166.696	ug/l #	6

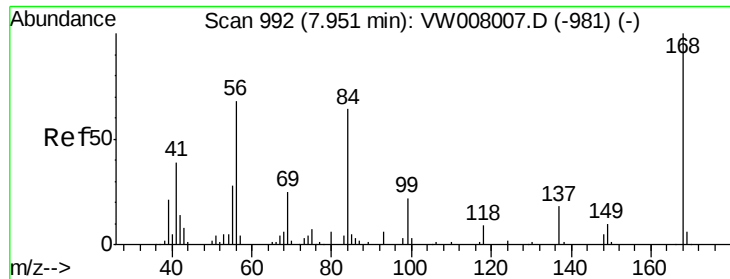
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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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# 991

Delta R.T. -0.01 min

Lab File: VW008022.D

Acq: 03 Jan 2019 15:50

Instrument :

MSVOA_W

ClientSampleId :

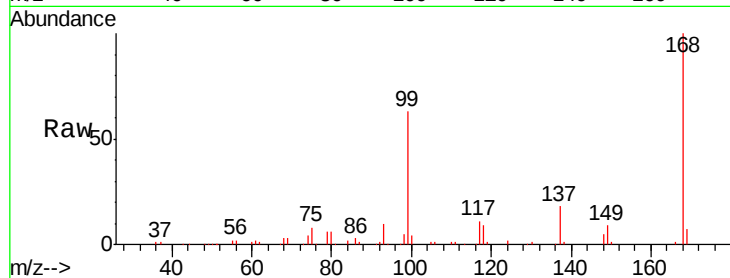
TP-3

Tgt Ion:168 Resp: 64848

Ion Ratio Lower Upper

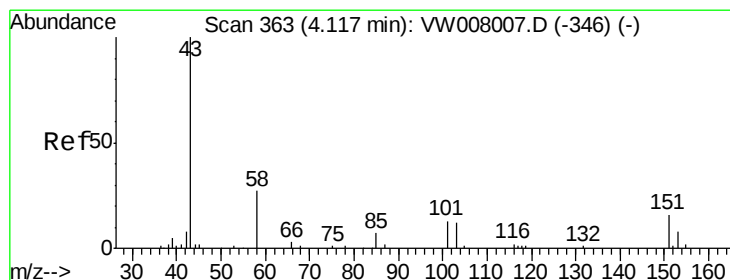
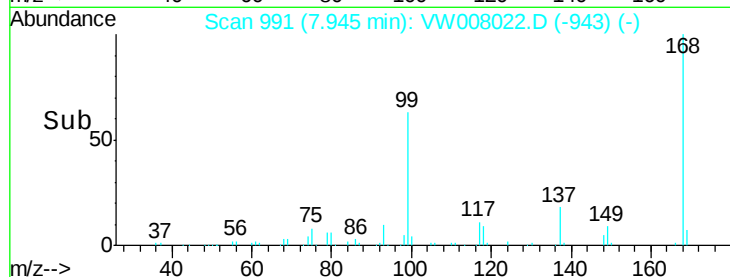
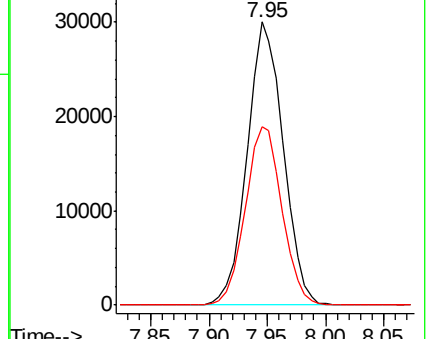
168 100

99 62.9 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: 58.156 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008022.D

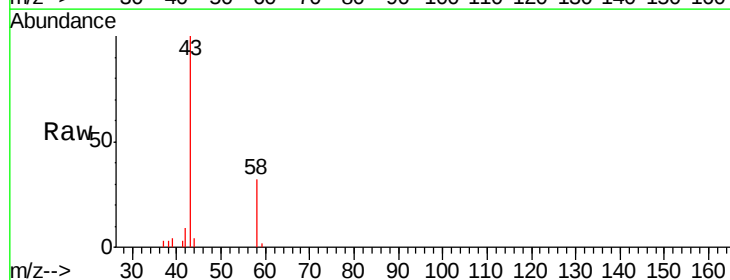
Acq: 03 Jan 2019 15:50

Tgt Ion: 43 Resp: 6457

Ion Ratio Lower Upper

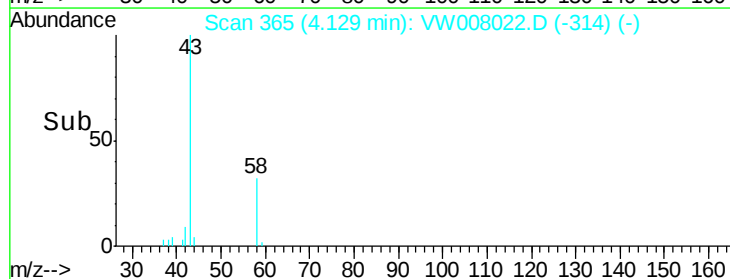
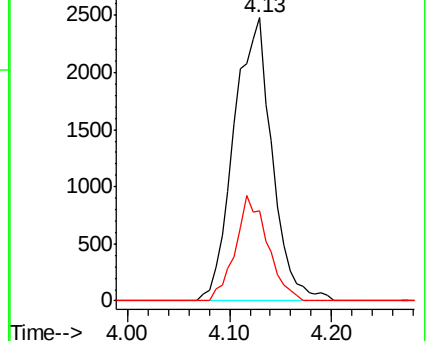
43 100

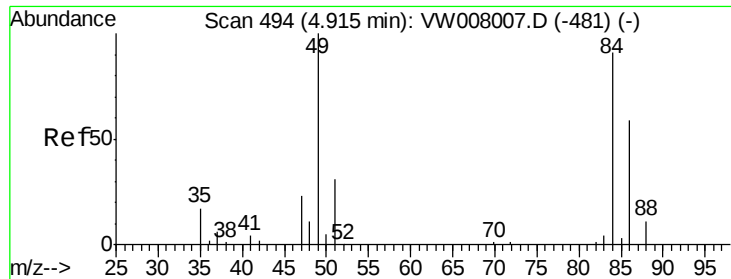
58 31.8 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

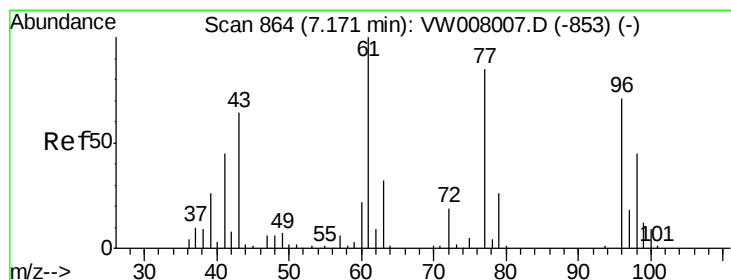
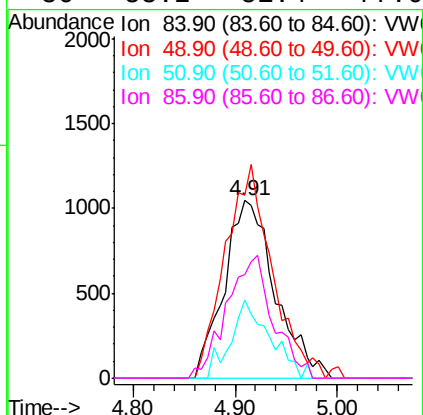
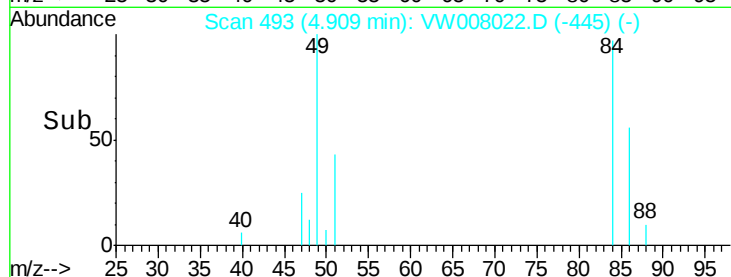
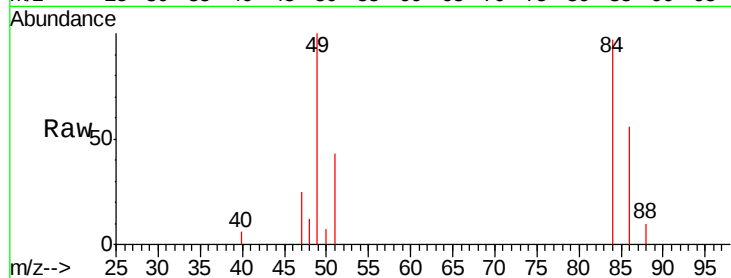




#20
Methylene Chloride
Concen: 3.091 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

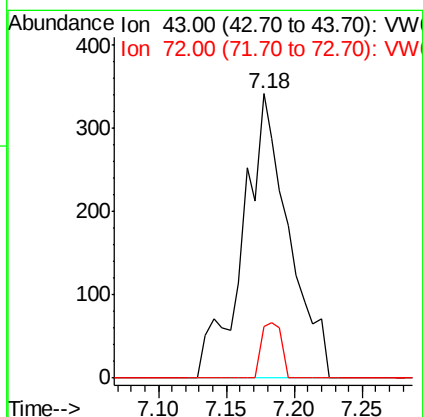
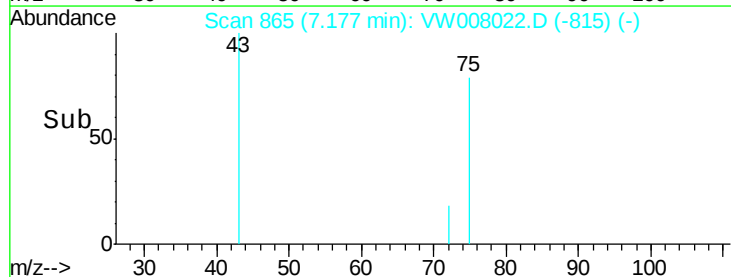
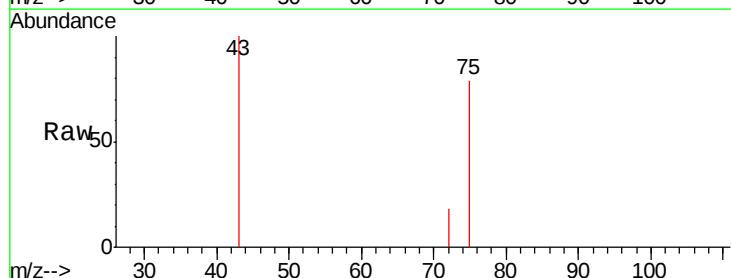
Instrument :
MSVOA_W
ClientSampled :
TP-3

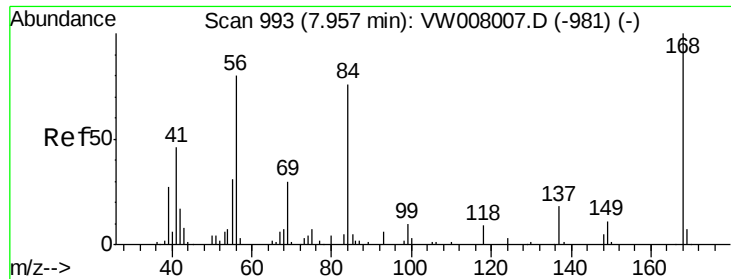
Tgt Ion: 84 Resp: 3643
Ion Ratio Lower Upper
84 100
49 103.1 87.7 131.5
51 43.9 27.3 40.9#
86 58.2 51.4 77.0



#25
2-Butanone
Concen: 6.138 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
72 17.9 23.8 35.8#

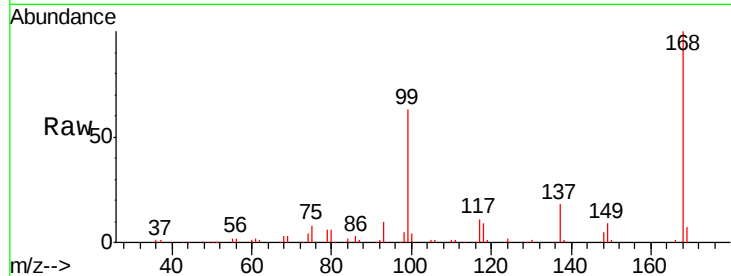




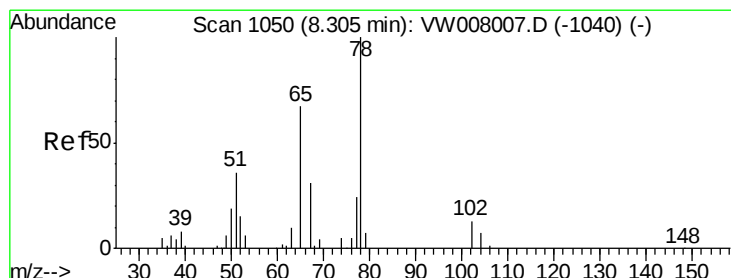
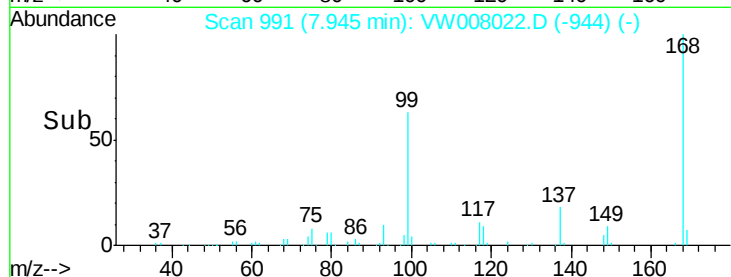
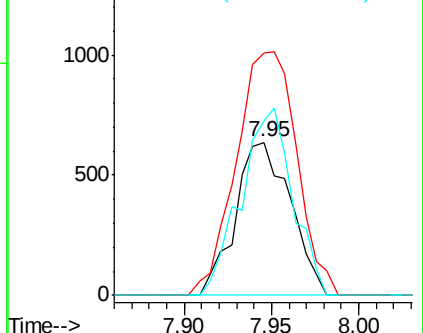
#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

Instrument :
MSVOA_W
ClientSampled :
TP-3

Tgt Ion: 56 Resp: 1394
Ion Ratio Lower Upper
56 100
69 158.1 29.8 44.6#
84 114.1 75.2 112.8#

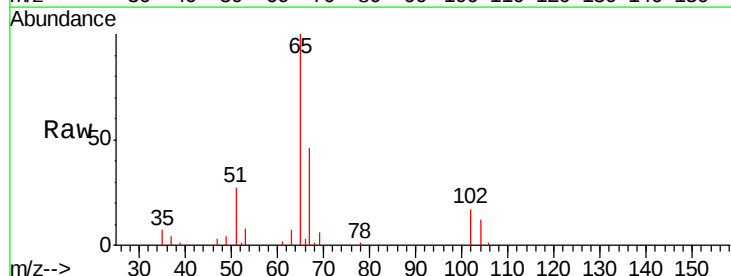


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

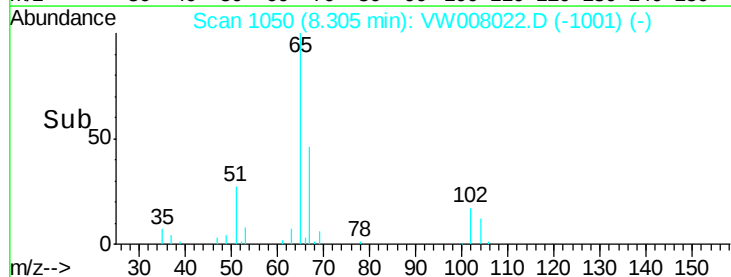
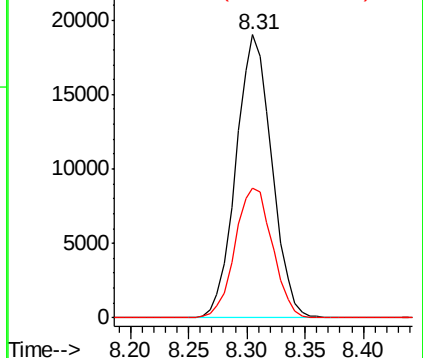


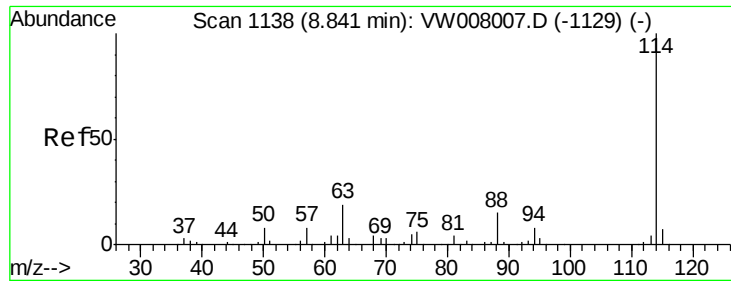
#33
1,2-Dichloroethane-d4
Concen: 56.751 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

Tgt Ion: 65 Resp: 40705
Ion Ratio Lower Upper
65 100
67 48.0 0.0 94.8



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

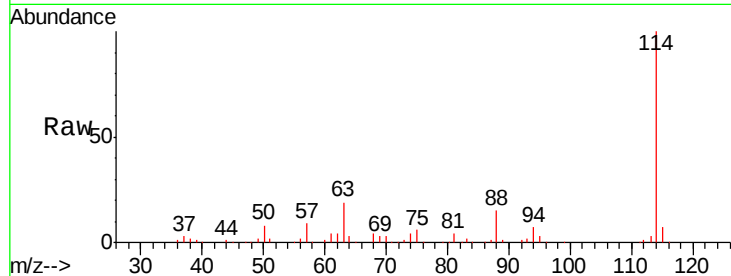




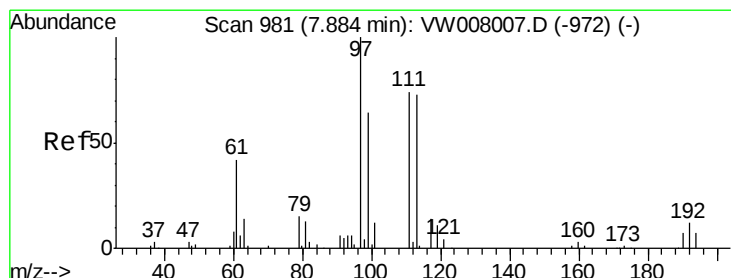
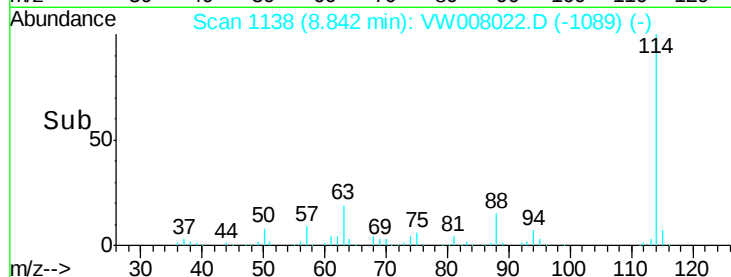
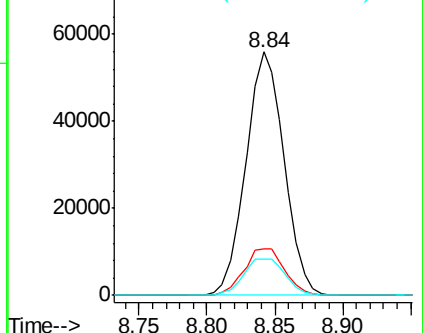
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

Instrument :
MSVOA_W
ClientSampleId :
TP-3

Tgt Ion:114 Resp: 110112
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.8
88 14.8 0.0 31.0

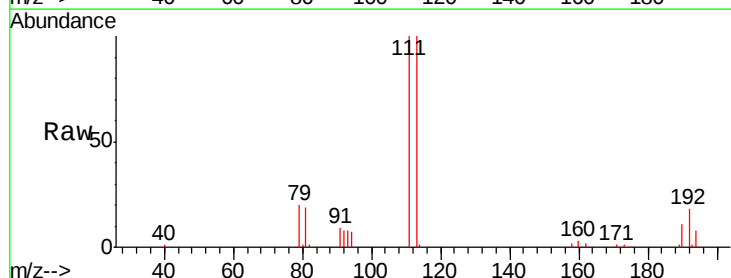


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

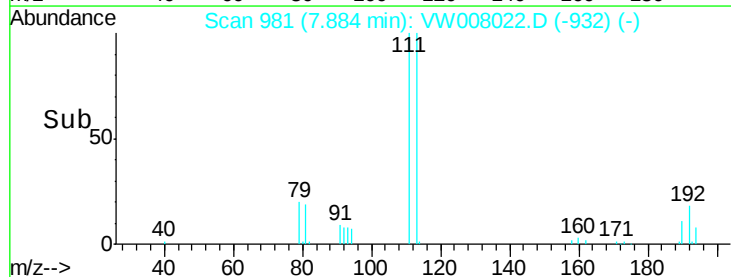
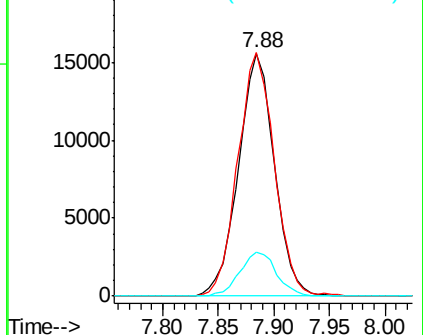


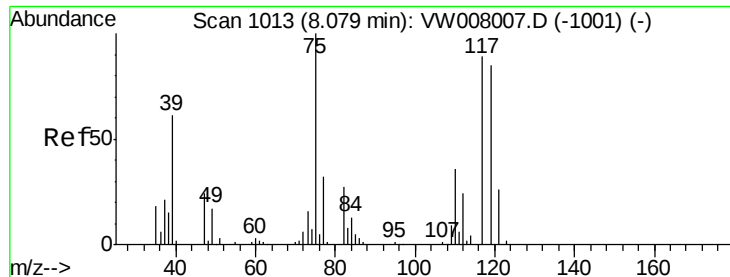
#35
Dibromofluoromethane
Concen: 50.335 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

Tgt Ion:113 Resp: 34940
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 18.4 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

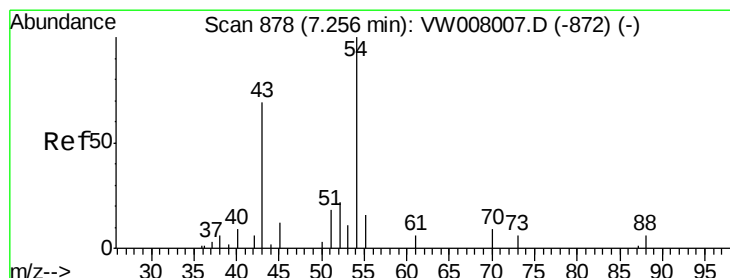
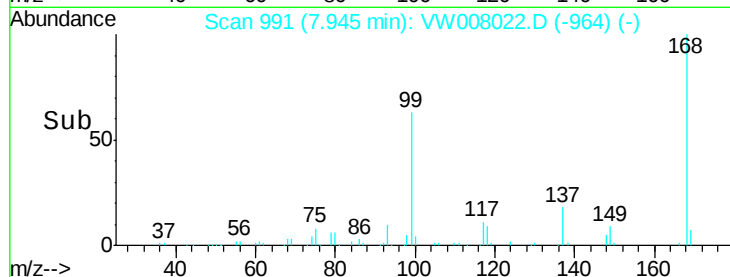
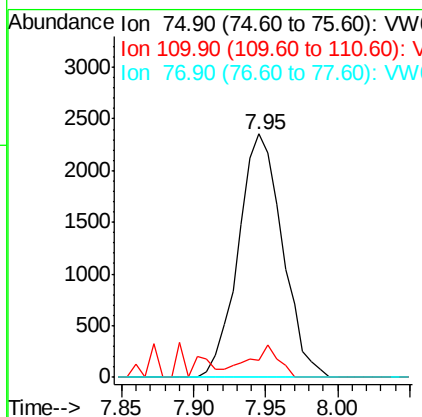
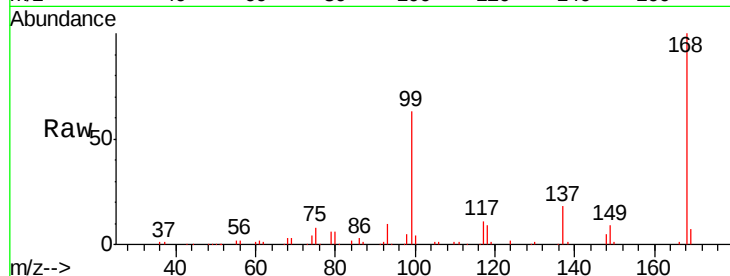




#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008022.D
 Acq: 03 Jan 2019 15:50

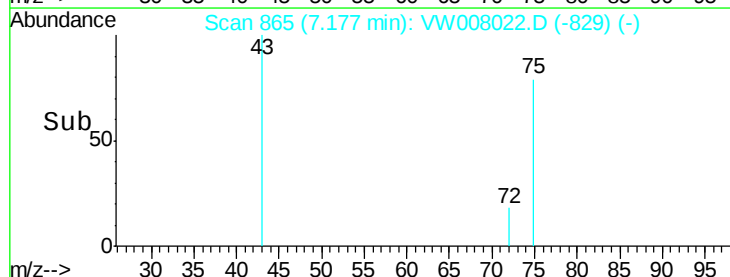
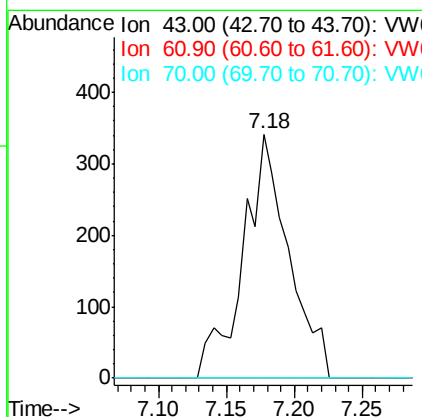
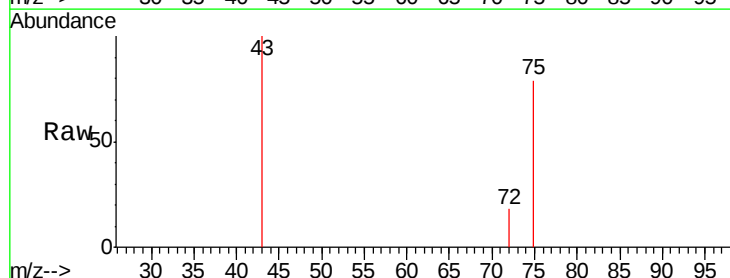
Instrument :
 MSVOA_W
 ClientSampled :
 TP-3

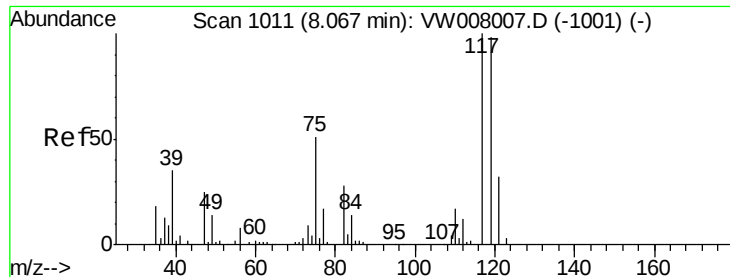
Tgt Ion: 75 Resp: 4997
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 2.461 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008022.D
 Acq: 03 Jan 2019 15:50

Tgt Ion: 43 Resp: 803
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

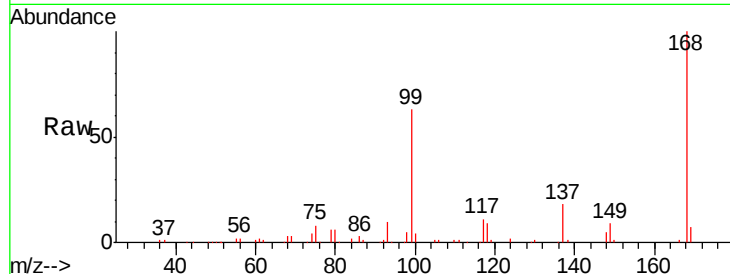




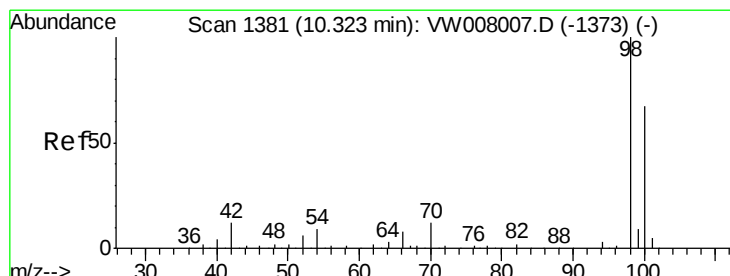
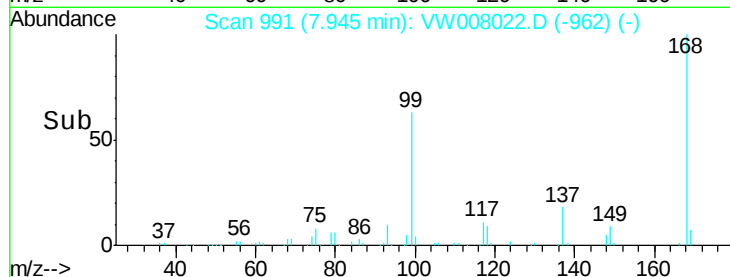
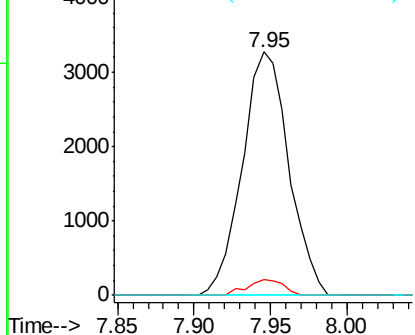
#38
Carbon Tetrachloride
Concen: 5.324 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

Instrument :
MSVOA_W
ClientSampleId :
TP-3

Tgt Ion: 117 Resp: 6930
Ion Ratio Lower Upper
117 100
119 6.4 78.7 118.1#
121 0.0 25.8 38.8#

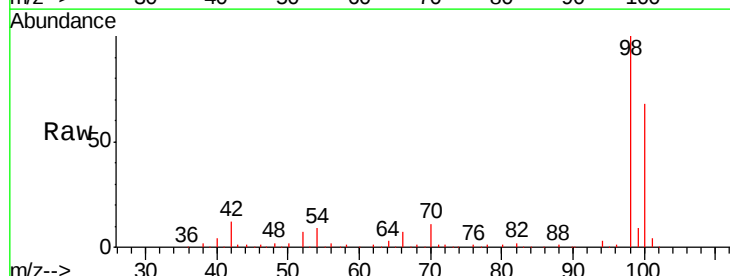


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

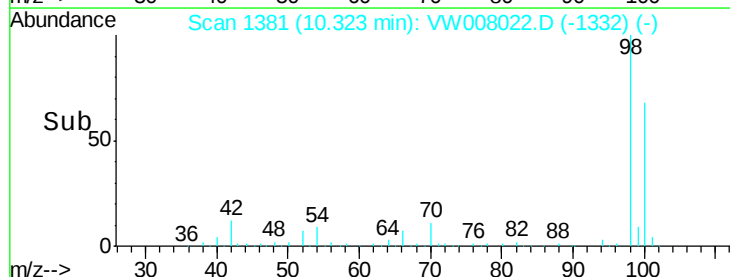
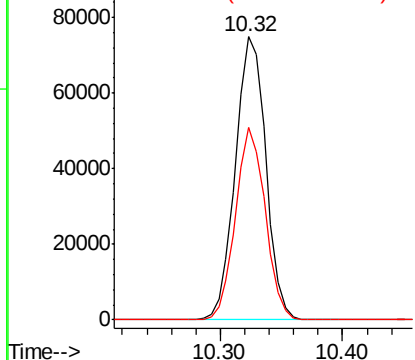


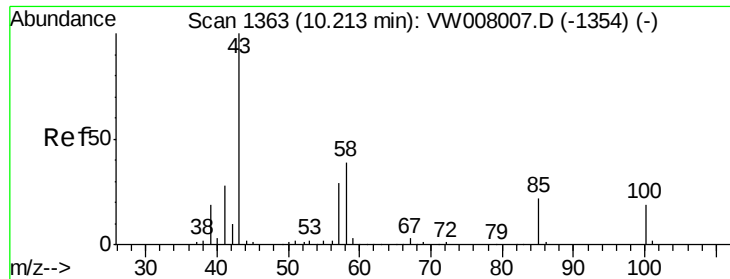
#50
Toluene-d8
Concen: 49.567 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008022.D
Acq: 03 Jan 2019 15:50

Tgt Ion: 98 Resp: 129068
Ion Ratio Lower Upper
98 100
100 66.3 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: 1.896 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008022.D

Acq: 03 Jan 2019 15:50

Instrument :

MSVOA_W

ClientSampled :

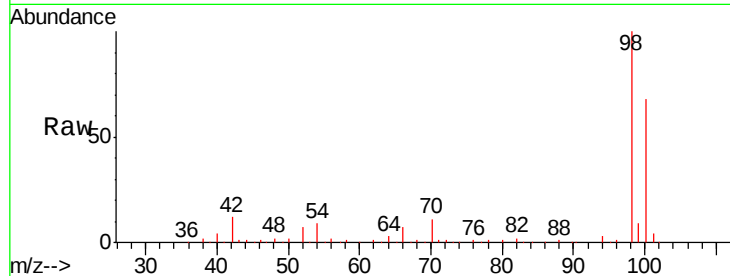
TP-3

Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

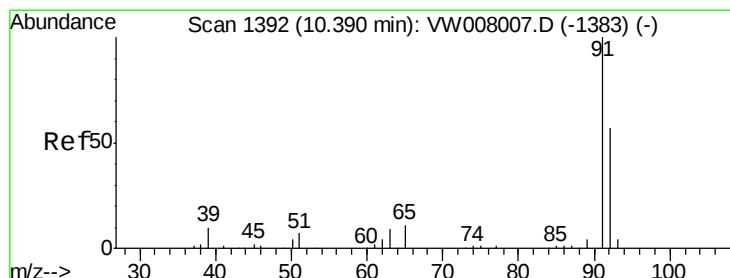
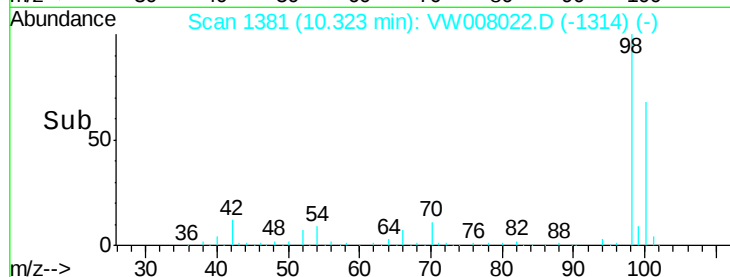
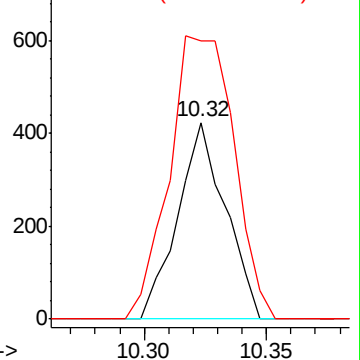
43 100

58 195.8 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: 5.893 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008022.D

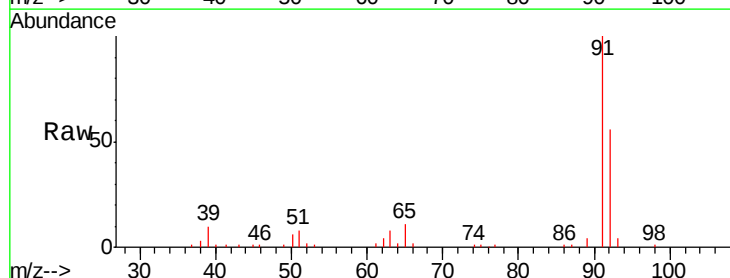
Acq: 03 Jan 2019 15:50

Tgt Ion: 92 Resp: 11148

Ion Ratio Lower Upper

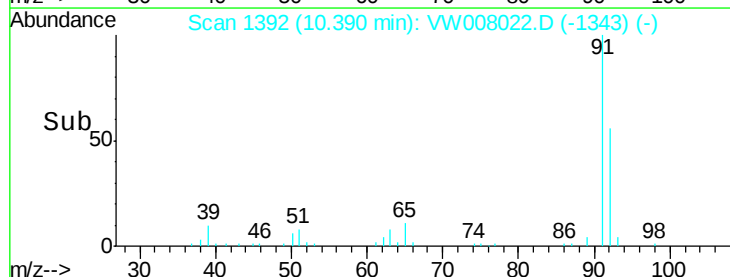
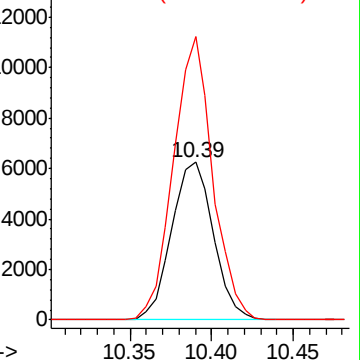
92 100

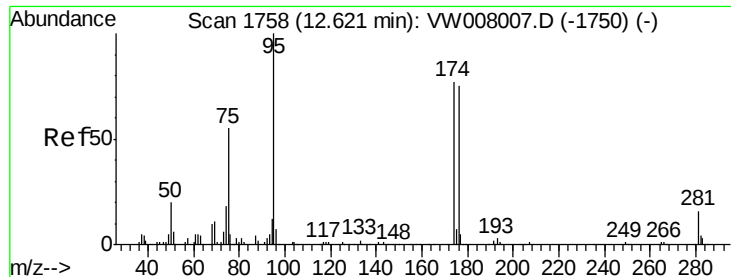
91 168.6 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 42.964 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008022.D

Acq: 03 Jan 2019 15:50

Instrument :

MSVOA_W

ClientSampleId :

TP-3

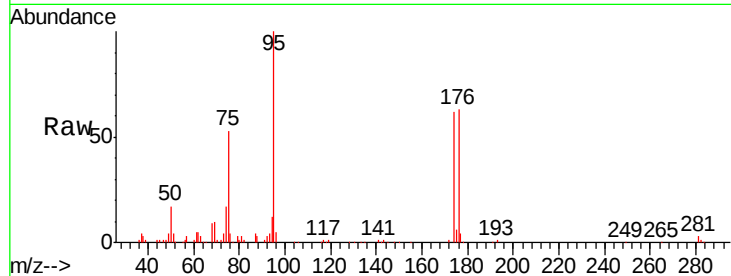
Tgt Ion: 95 Resp: 42905

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.6

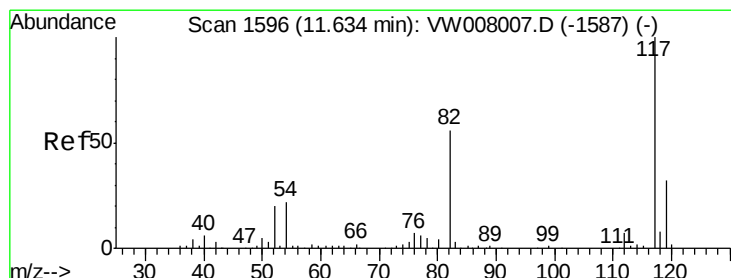
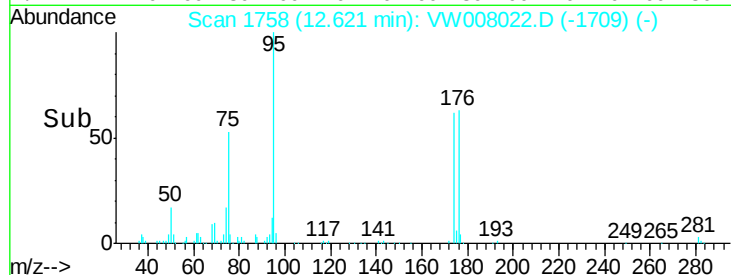
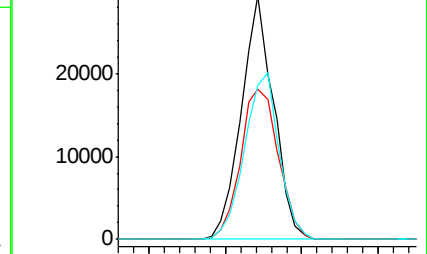
176 73.3 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008022.D

Acq: 03 Jan 2019 15:50

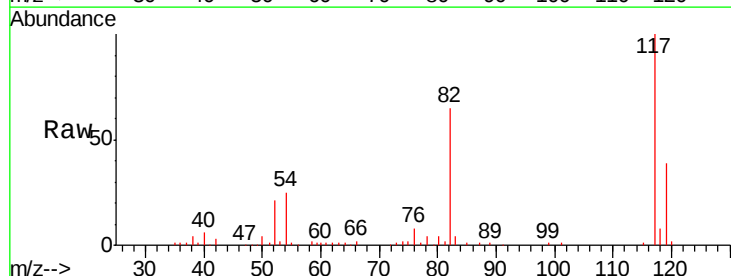
Tgt Ion: 117 Resp: 84297

Ion Ratio Lower Upper

117 100

82 64.8 44.8 67.2

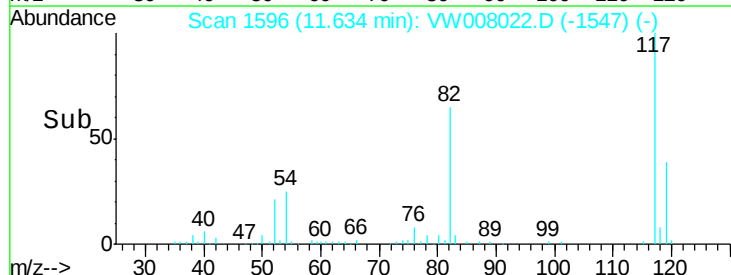
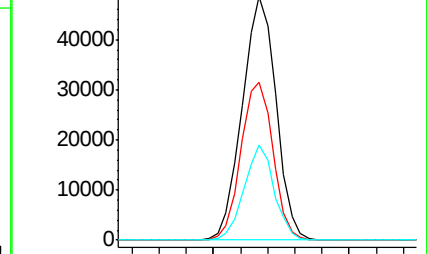
119 39.3 25.6 38.4#

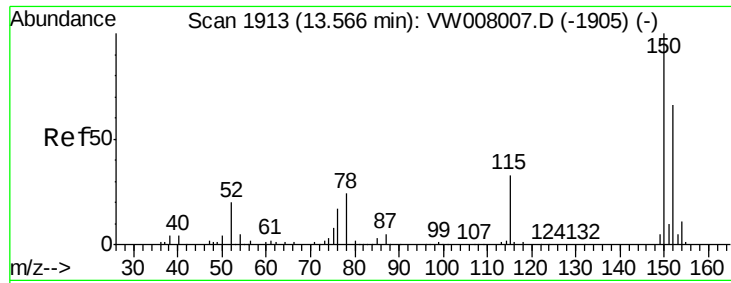


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008022.D

Acq: 03 Jan 2019 15:50

Instrument :

MSVOA_W

ClientSampled :

TP-3

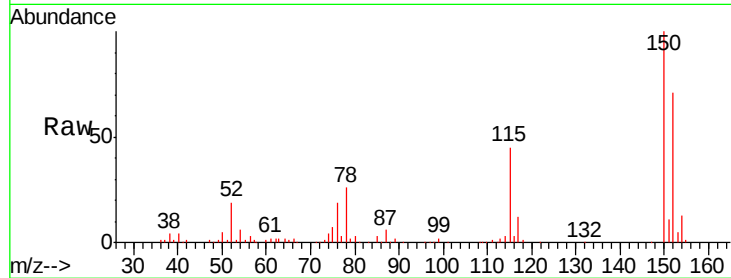
Tgt Ion:152 Resp: 41298

Ion Ratio Lower Upper

152 100

115 63.1 32.1 96.5

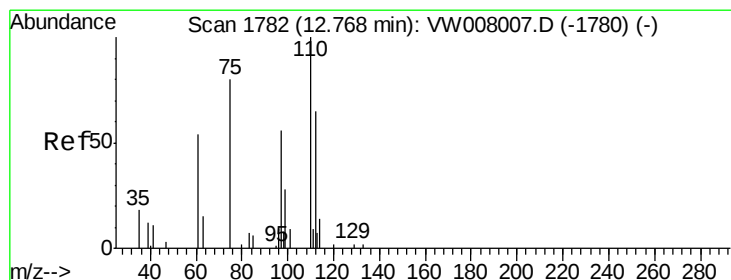
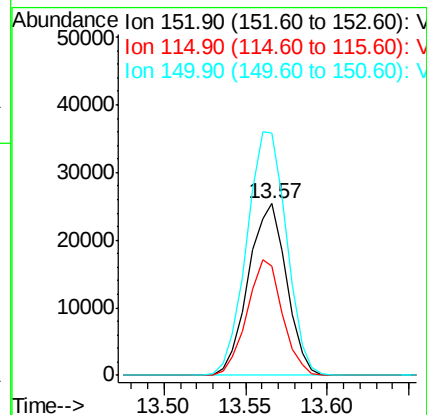
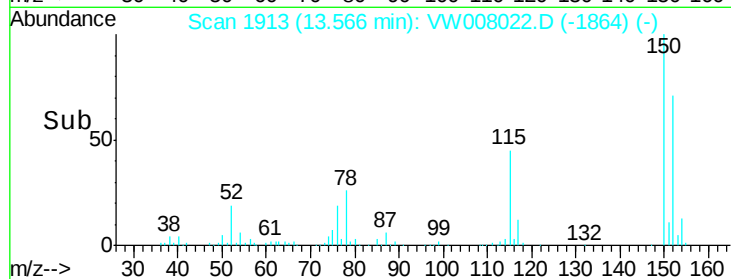
150 148.5 0.0 345.0



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: 70.489 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008022.D

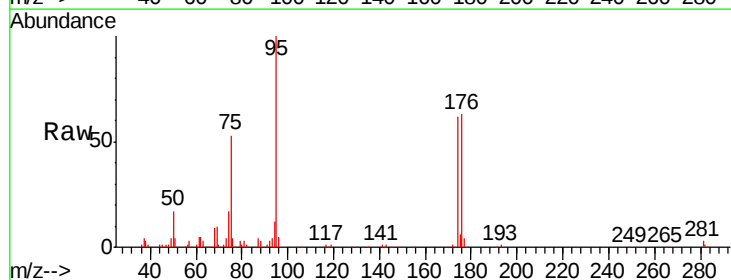
Acq: 03 Jan 2019 15:50

Tgt Ion: 75 Resp: 23159

Ion Ratio Lower Upper

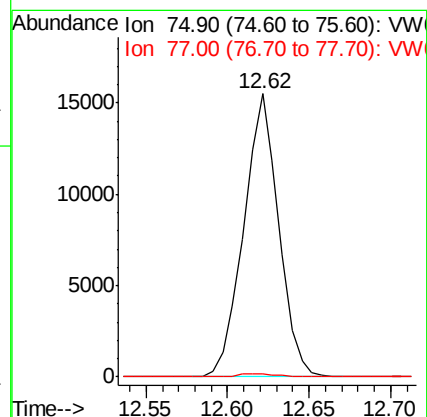
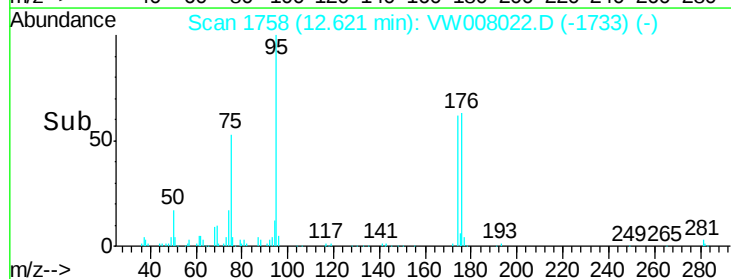
75 100

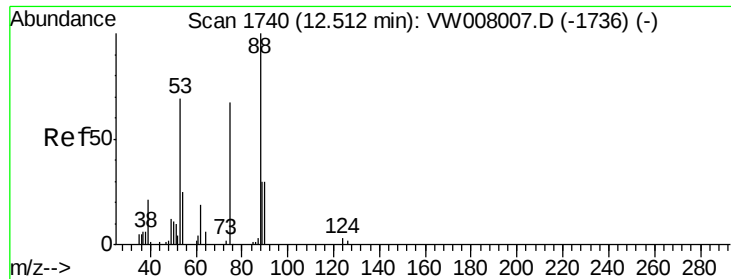
77 1.1 186.2 558.6#



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: 166.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008022.D

Acq: 03 Jan 2019 15:50

Instrument :

MSVOA_W

ClientSampleId :

TP-3

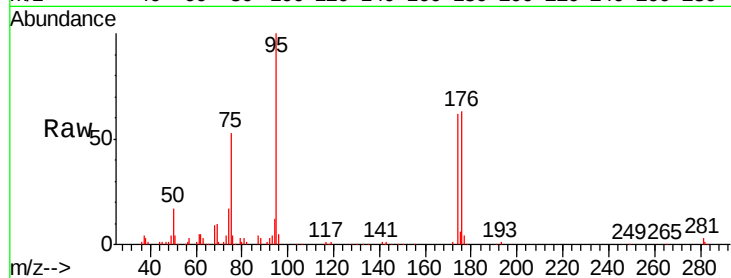
Tgt Ion: 75 Resp: 23159

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

