

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008036.D
 Acq On : 03 Jan 2019 22:05
 Operator : SY/AP
 Sample : K1017-21RE
 Misc : 5.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Quant Time: Jan 04 00:34:48 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	65394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45538	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	41925	57.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.92%	
35) Dibromofluoromethane	7.88	113	35286	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.32	98	131395	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.62	95	45829	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	

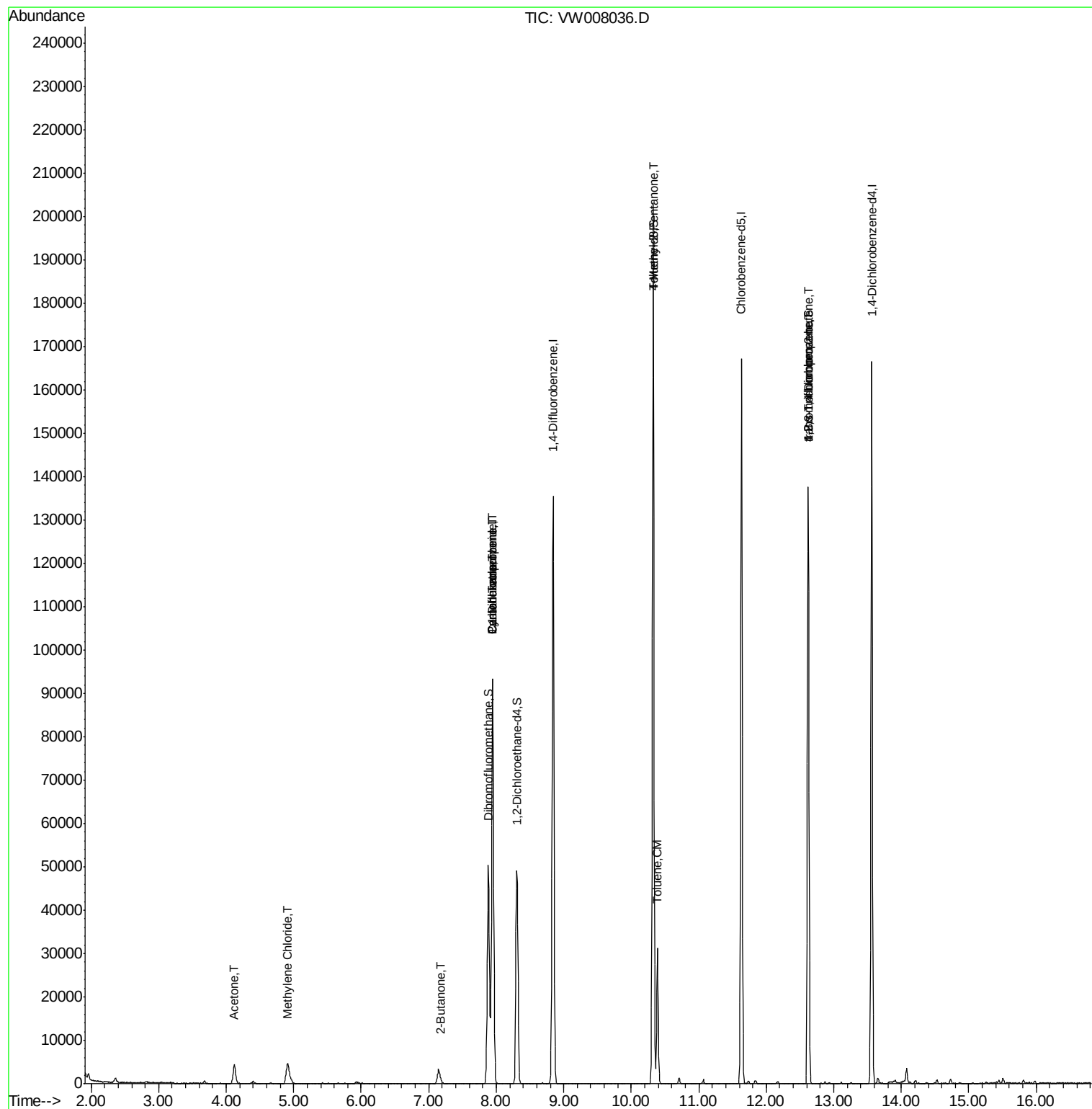
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7746	69.183	ug/l	94
20) Methylene Chloride	4.91	84	4527	4.388	ug/l	93
25) 2-Butanone	7.18	43	698	5.291	ug/l	89
31) Cyclohexane	7.95	56	1416	1.281	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	4953	4.529	ug/l #	52
38) Carbon Tetrachloride	7.95	117	6887	5.254	ug/l #	14
51) 4-Methyl-2-Pentanone	10.32	43	649	2.136	ug/l #	1
52) Toluene	10.39	92	13189	6.924	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	25003	69.016	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25003	163.212	ug/l #	6

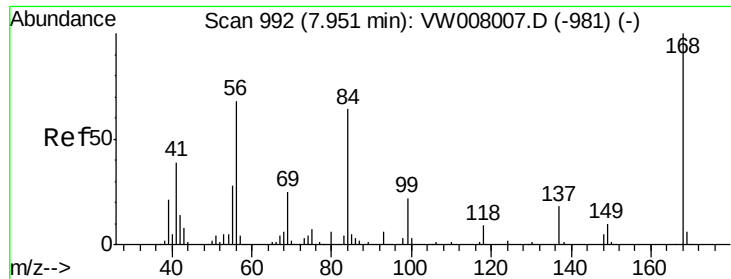
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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TP-6

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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: VW008036.D

Acq: 03 Jan 2019 22:05

Instrument :

MSVOA_W

ClientSampleId :

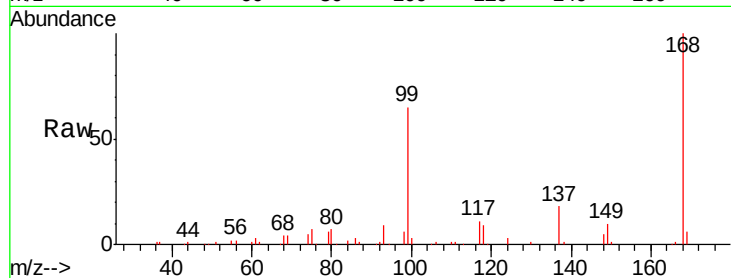
TP-6

Tgt Ion: 168 Resp: 65394

Ion Ratio Lower Upper

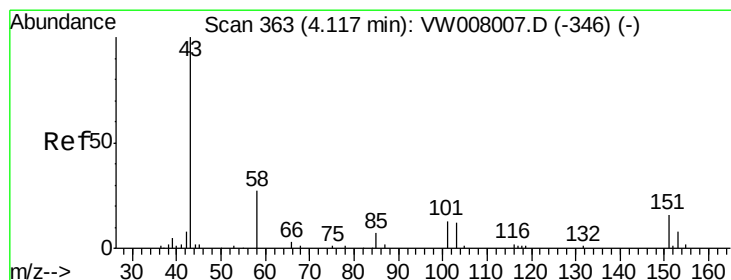
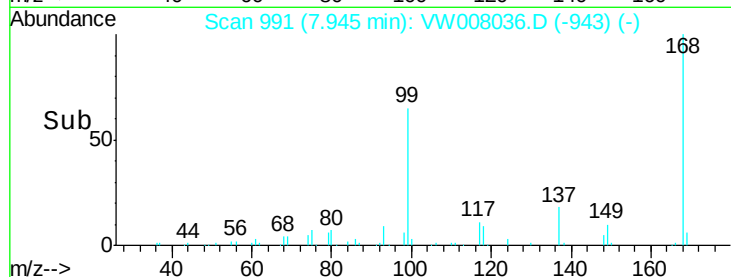
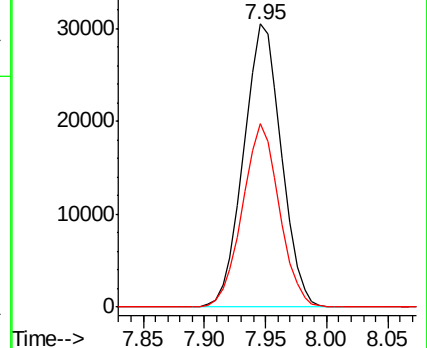
168 100

99 64.7 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: 69.183 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008036.D

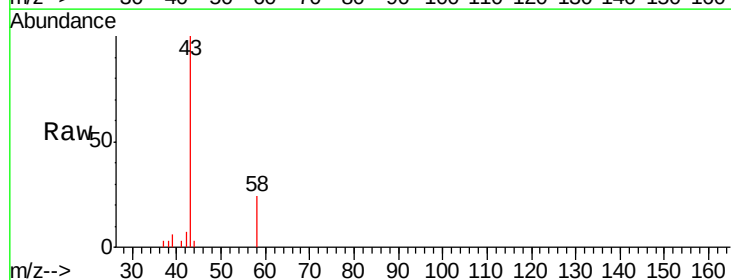
Acq: 03 Jan 2019 22:05

Tgt Ion: 43 Resp: 7746

Ion Ratio Lower Upper

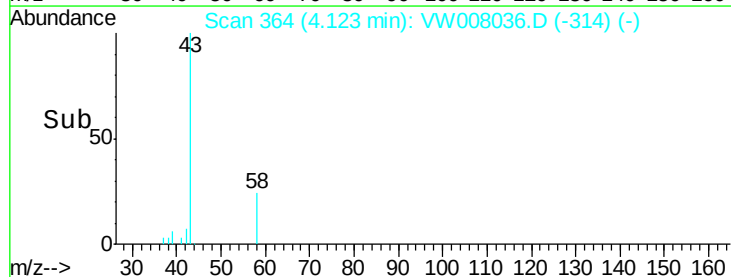
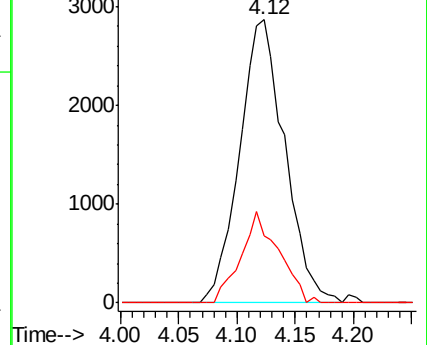
43 100

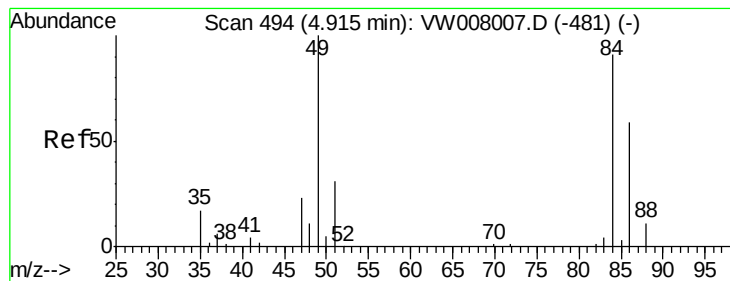
58 23.8 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.388 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008036.D

Acq: 03 Jan 2019 22:05

Instrument :

MSVOA_W

ClientSampled :

TP-6

Tgt Ion: 84 Resp: 4527

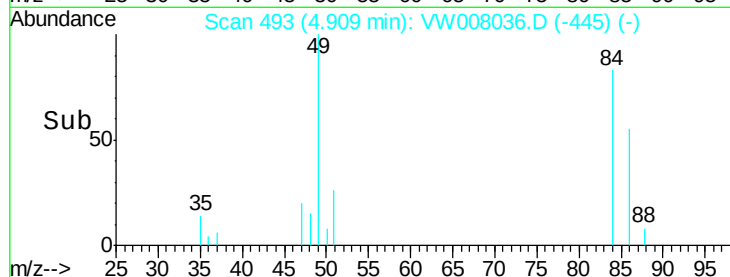
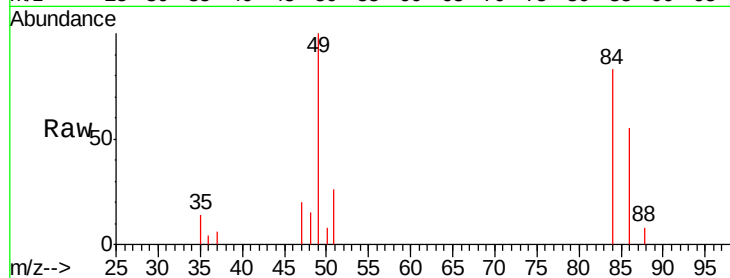
Ion Ratio Lower Upper

84 100

49 120.5 87.7 131.5

51 30.8 27.3 40.9

86 66.8 51.4 77.0

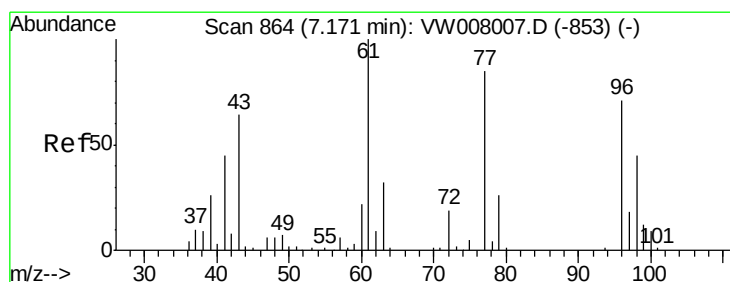
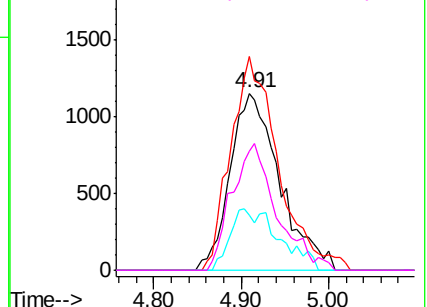


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 5.291 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008036.D

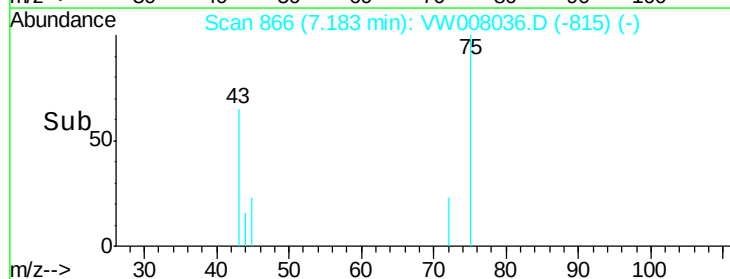
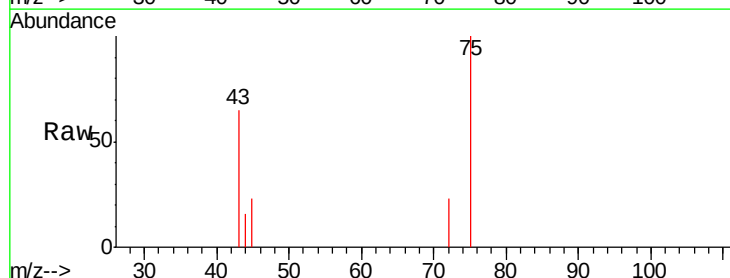
Acq: 03 Jan 2019 22:05

Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

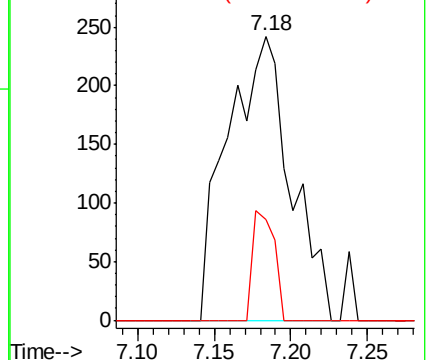
43 100

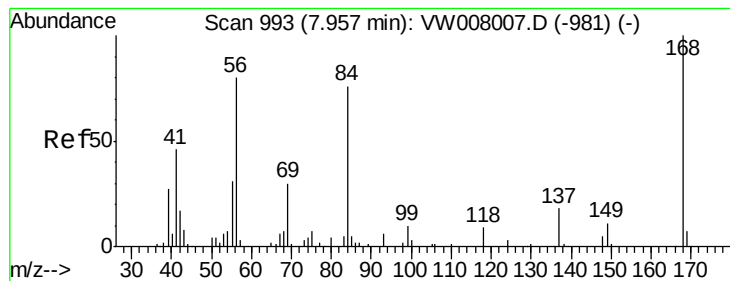
72 35.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008036.D

Acq: 03 Jan 2019 22:05

Instrument :

MSVOA_W

ClientSampled :

TP-6

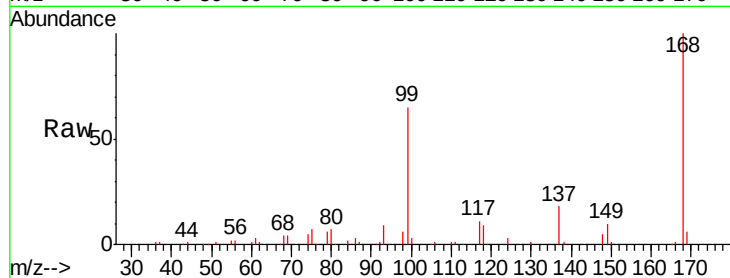
Tgt Ion: 56 Resp: 1416

Ion Ratio Lower Upper

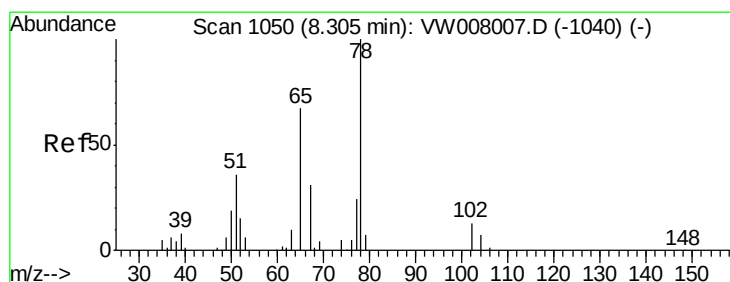
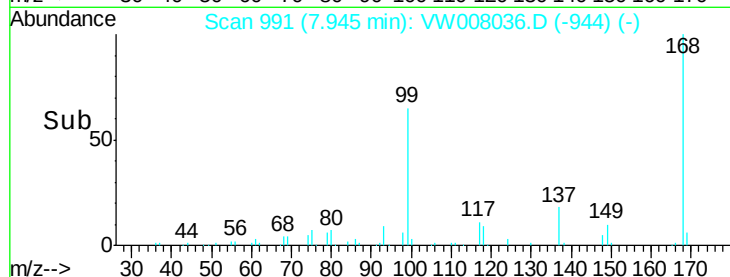
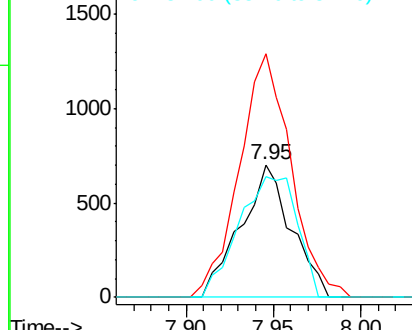
56 100

69 184.2 29.8 44.6#

84 91.4 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: 57.964 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008036.D

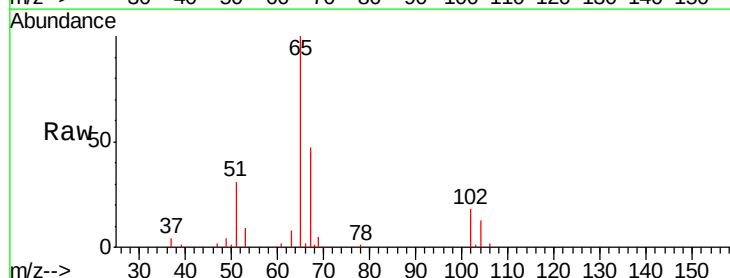
Acq: 03 Jan 2019 22:05

Tgt Ion: 65 Resp: 41925

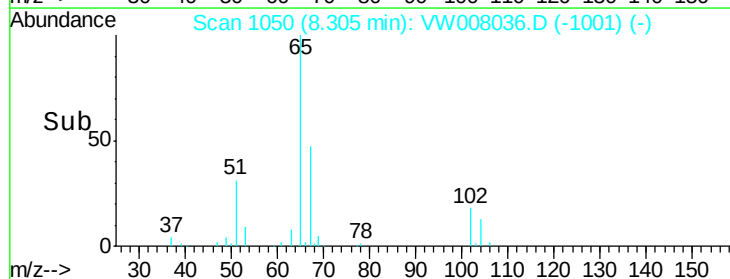
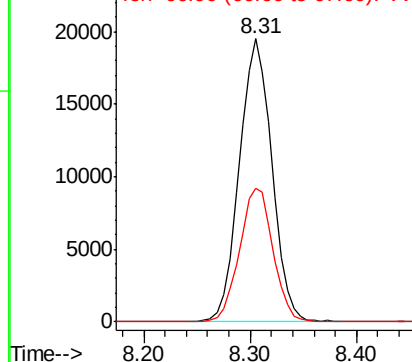
Ion Ratio Lower Upper

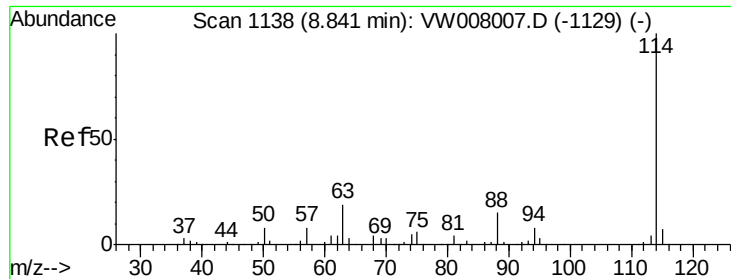
65 100

67 48.4 0.0 94.8



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

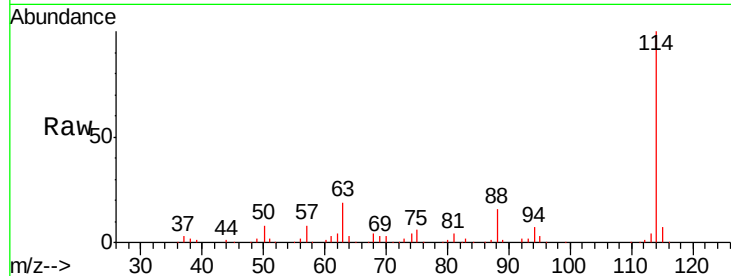




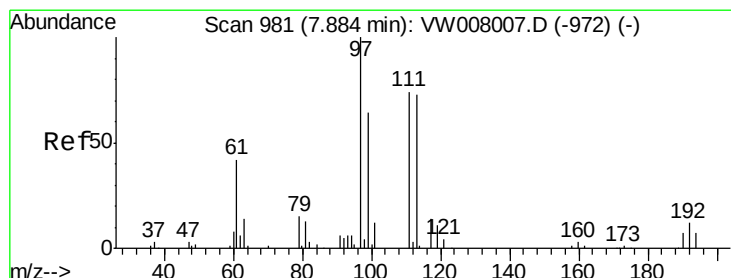
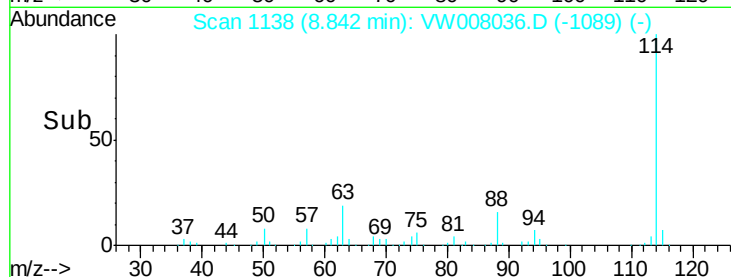
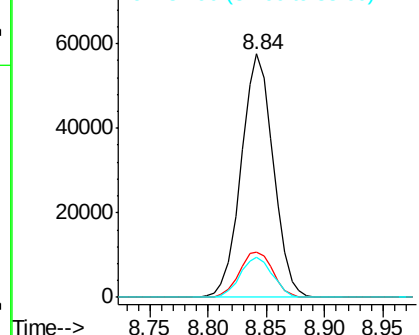
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008036.D
 Acq: 03 Jan 2019 22:05

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Tgt Ion:114 Resp: 110872
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 16.4 0.0 31.0

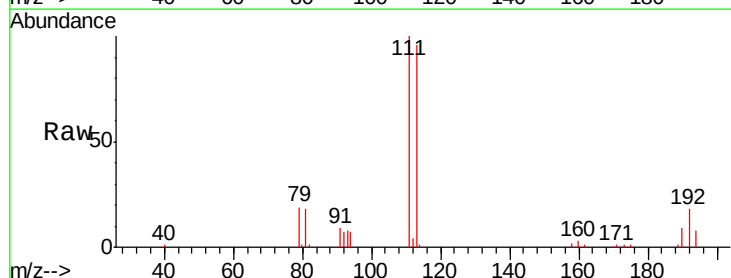


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

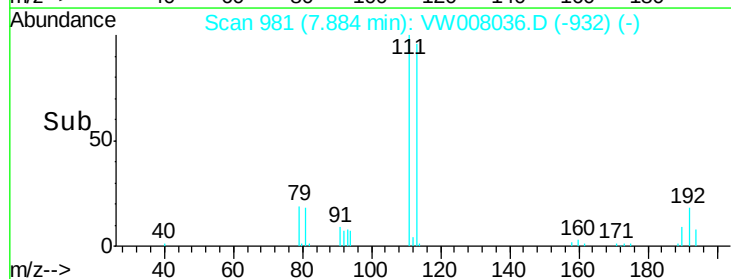
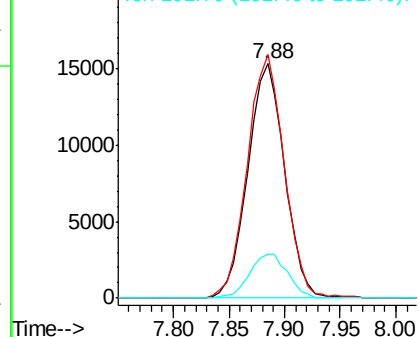


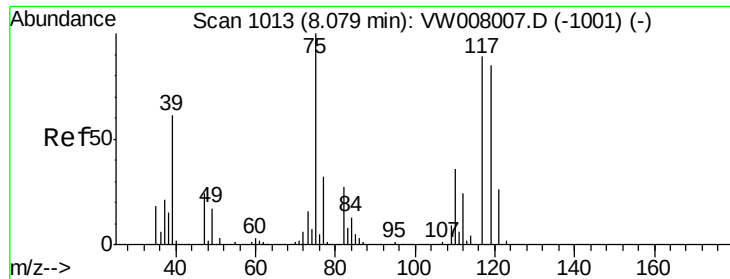
#35
 Dibromofluoromethane
 Concen: 50.485 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008036.D
 Acq: 03 Jan 2019 22:05

Tgt Ion:113 Resp: 35286
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.4 122.0
 192 19.4 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

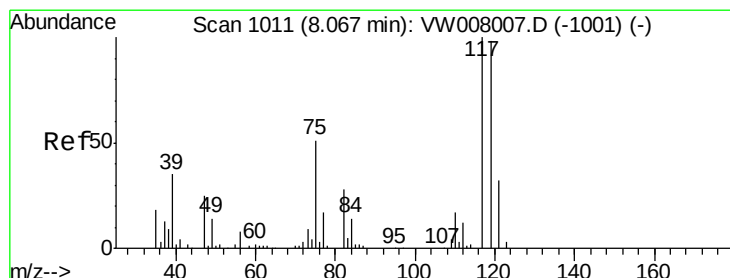
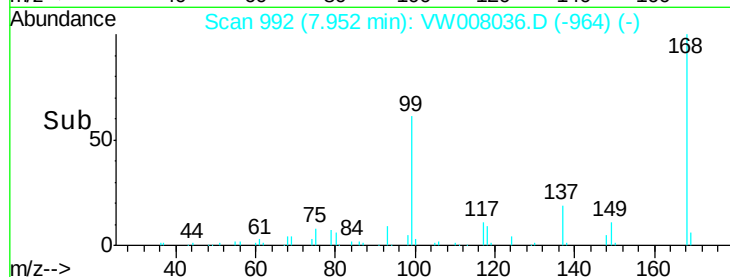
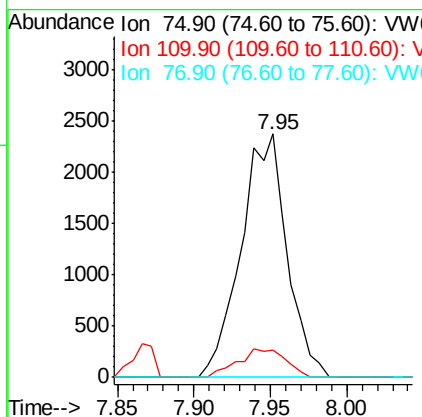
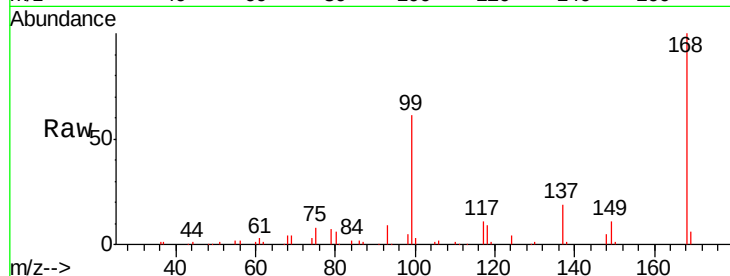




#36
 1,1-Dichloropropene
 Concen: 4.529 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008036.D
 Acq: 03 Jan 2019 22:05

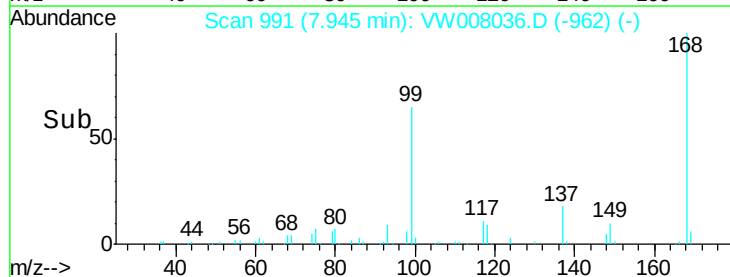
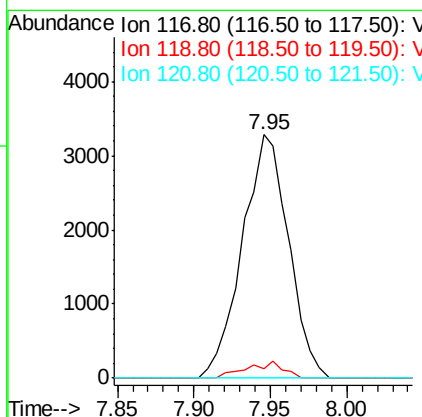
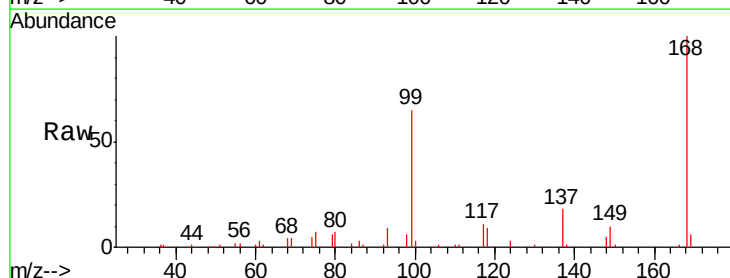
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

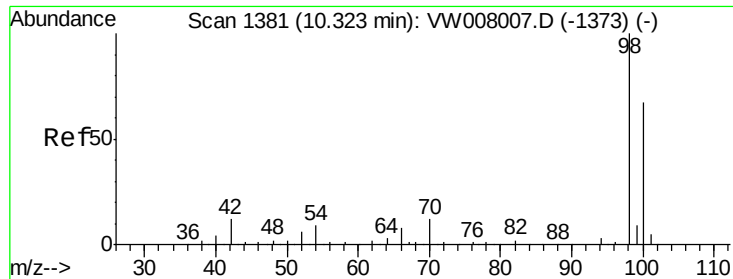
Tgt Ion: 75 Resp: 4953
 Ion Ratio Lower Upper
 75 100
 110 12.1 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.254 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008036.D
 Acq: 03 Jan 2019 22:05

Tgt Ion: 117 Resp: 6887
 Ion Ratio Lower Upper
 117 100
 119 3.9 78.7 118.1#
 121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 50.114 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008036.D

Acq: 03 Jan 2019 22:05

Instrument :

MSVOA_W

ClientSampleId :

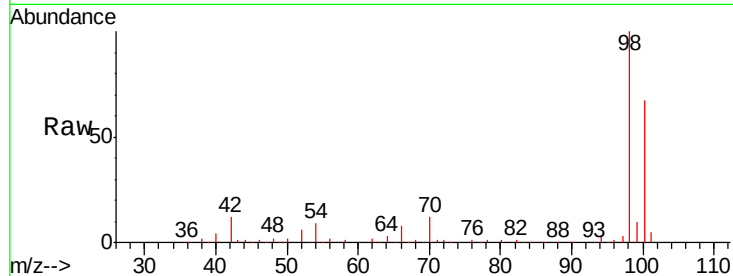
TP-6

Tgt Ion: 98 Resp: 131395

Ion Ratio Lower Upper

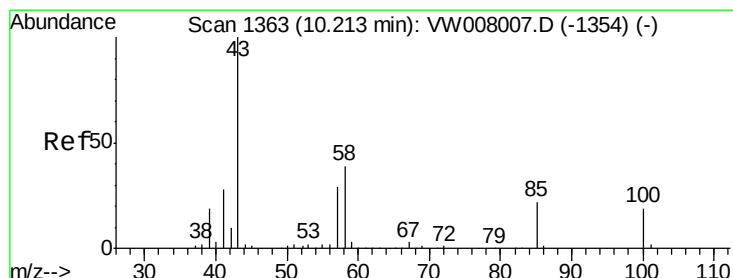
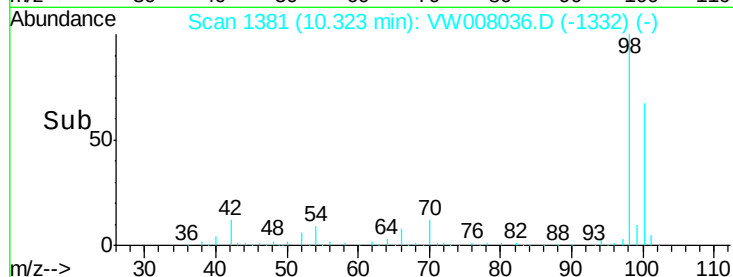
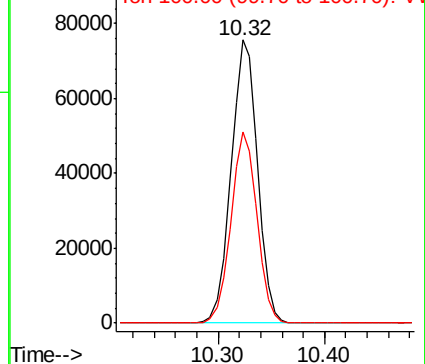
98 100

100 66.7 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: 2.136 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008036.D

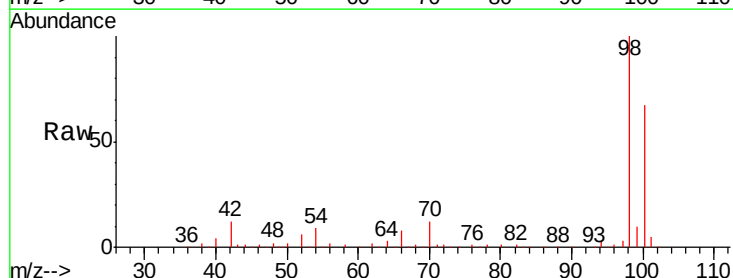
Acq: 03 Jan 2019 22:05

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

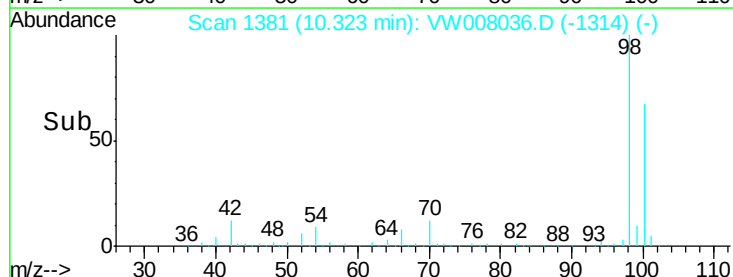
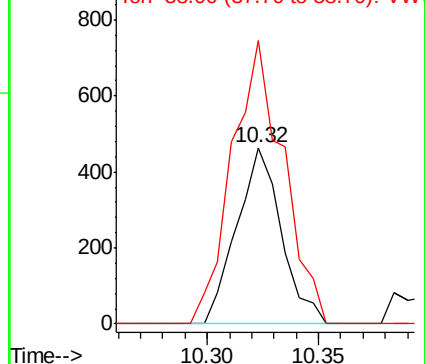
43 100

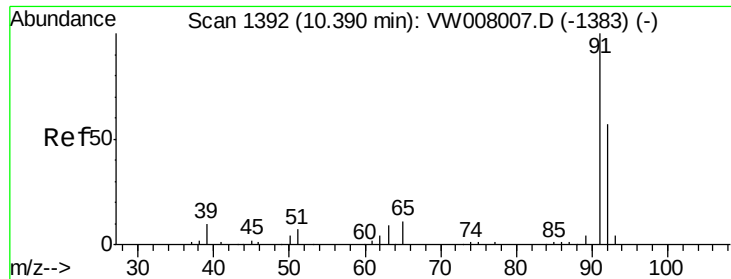
58 184.4 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 6.924 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008036.D

Acq: 03 Jan 2019 22:05

Instrument :

MSVOA_W

ClientSampleId :

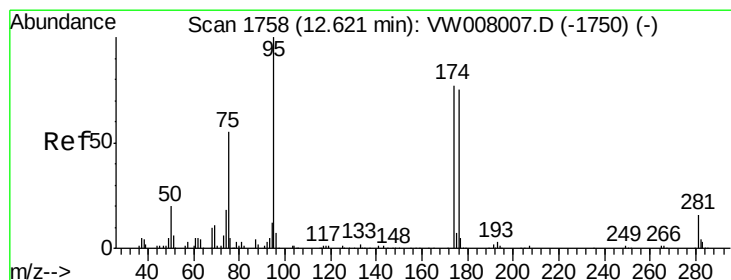
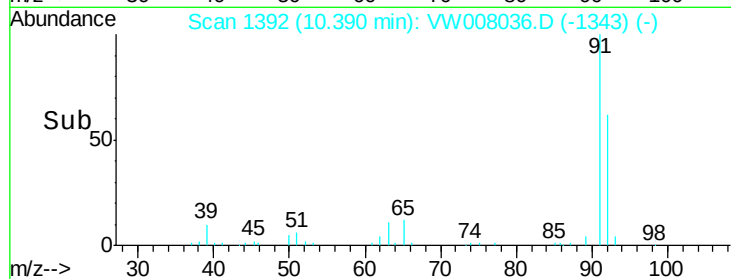
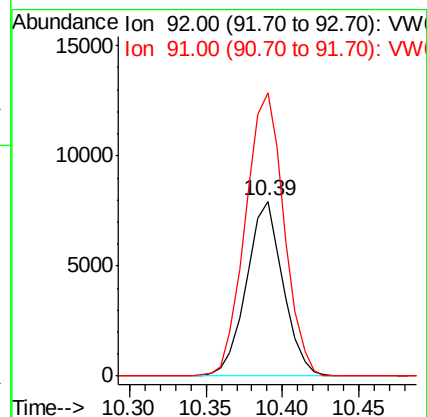
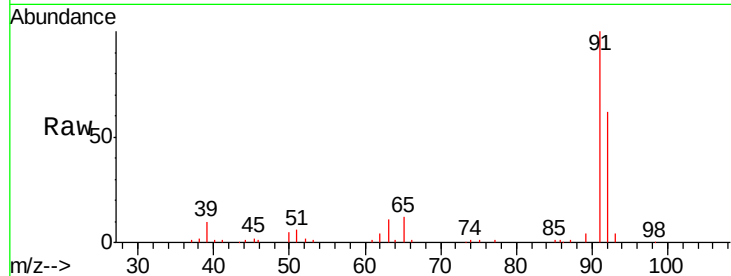
TP-6

Tgt Ion: 92 Resp: 13189

Ion Ratio Lower Upper

92 100

91 170.9 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 45.578 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008036.D

Acq: 03 Jan 2019 22:05

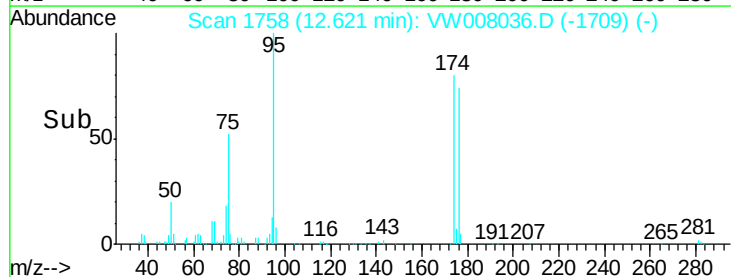
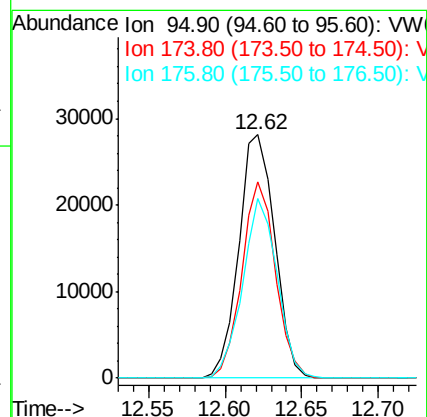
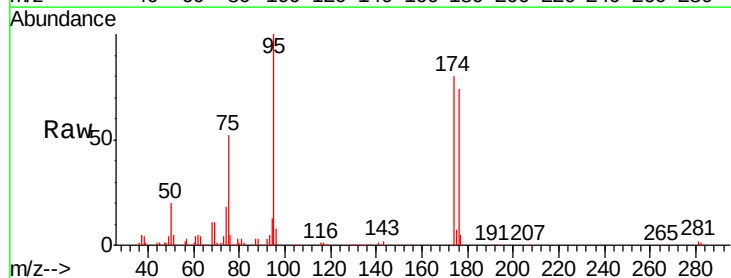
Tgt Ion: 95 Resp: 45829

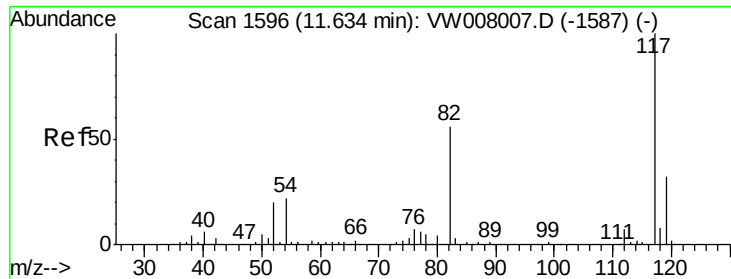
Ion Ratio Lower Upper

95 100

174 75.4 0.0 149.6

176 70.8 0.0 145.4

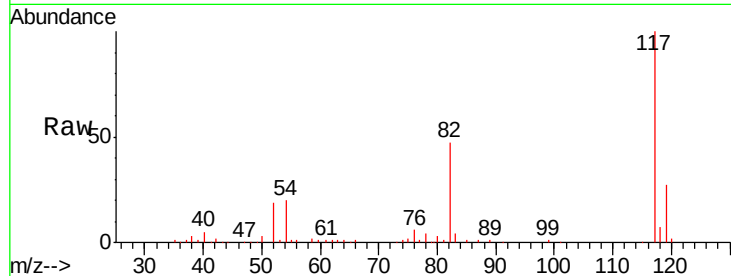




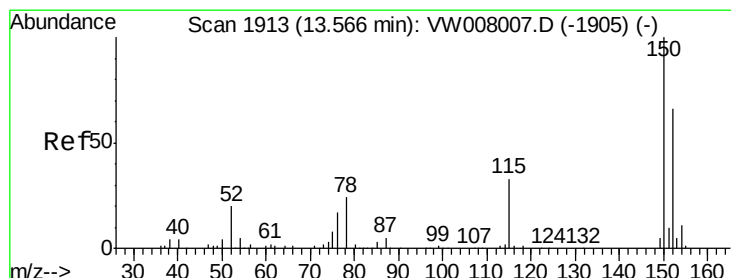
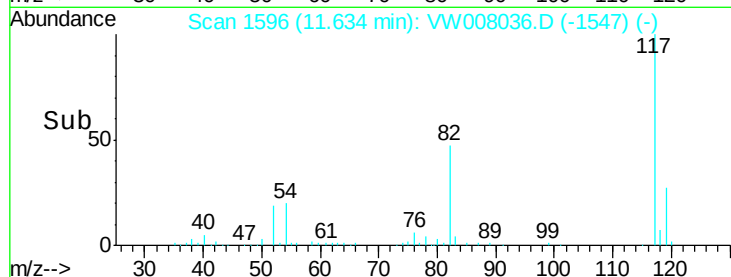
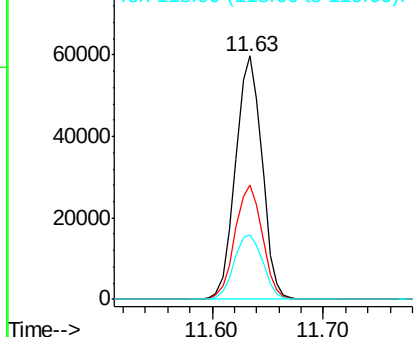
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008036.D
Acq: 03 Jan 2019 22:05

Instrument :
MSVOA_W
ClientSampled :
TP-6

Tgt Ion:117 Resp: 98038
Ion Ratio Lower Upper
117 100
82 47.0 44.8 67.2
119 26.6 25.6 38.4

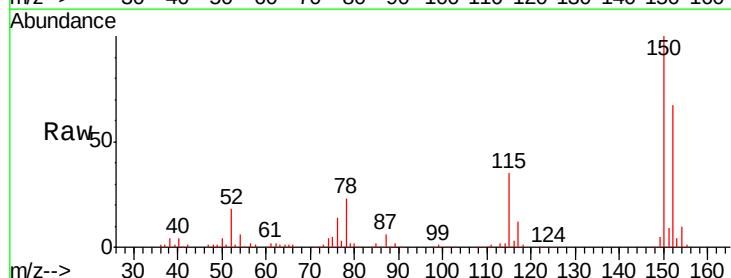


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

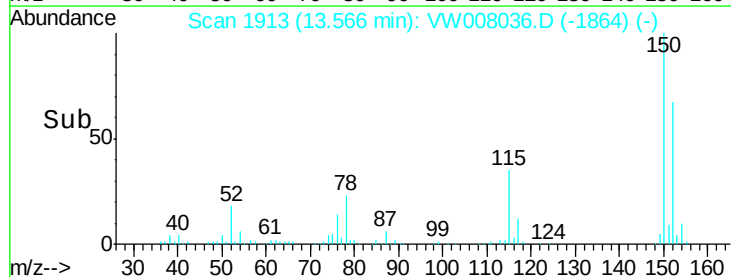
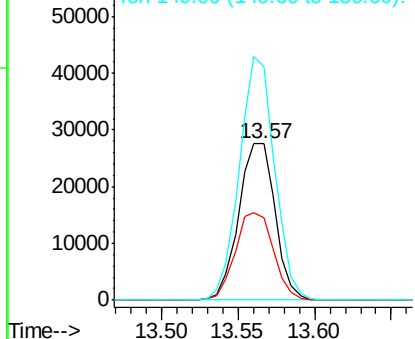


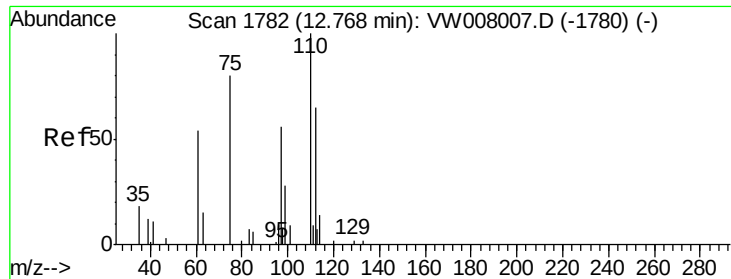
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW008036.D
Acq: 03 Jan 2019 22:05

Tgt Ion:152 Resp: 45538
Ion Ratio Lower Upper
152 100
115 58.5 32.1 96.5
150 150.7 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: 69.016 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008036.D

Acq: 03 Jan 2019 22:05

Instrument :

MSVOA_W

ClientSampled :

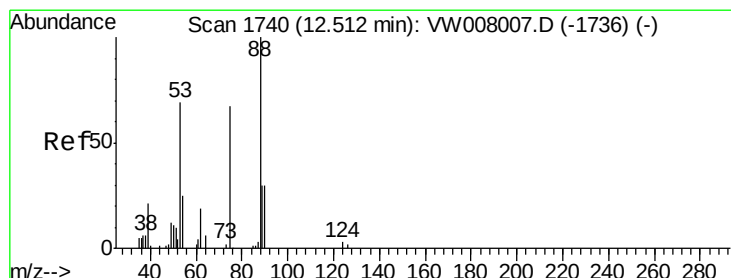
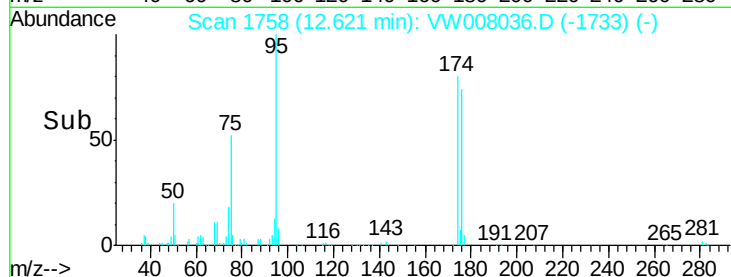
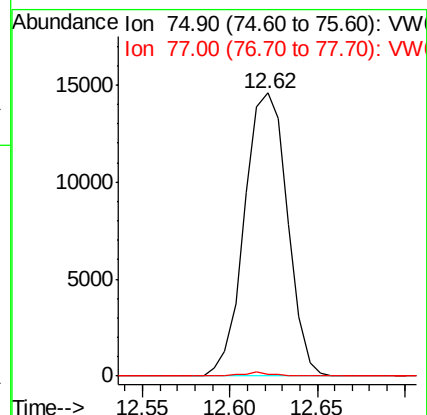
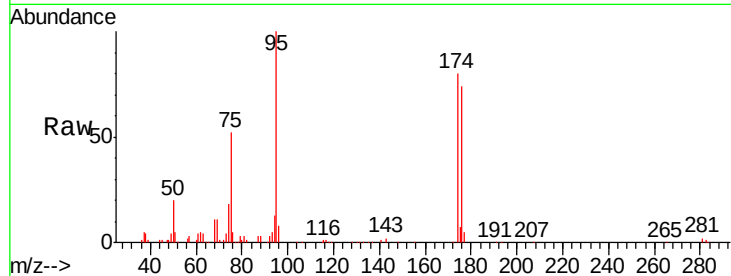
TP-6

Tgt Ion: 75 Resp: 25003

Ion Ratio Lower Upper

75 100

77 0.8 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 163.212 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008036.D

Acq: 03 Jan 2019 22:05

Tgt Ion: 75 Resp: 25003

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#

