

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008028.D
 Acq On : 03 Jan 2019 18:31
 Operator : SY/AP
 Sample : K1002-05
 Misc : 8.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-010219-C

Quant Time: Jan 04 00:33:15 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	62984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	109008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	29507	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	38881	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
35) Dibromofluoromethane	7.88	113	34253	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.32	98	127928	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.62	95	37757	38.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.38%	

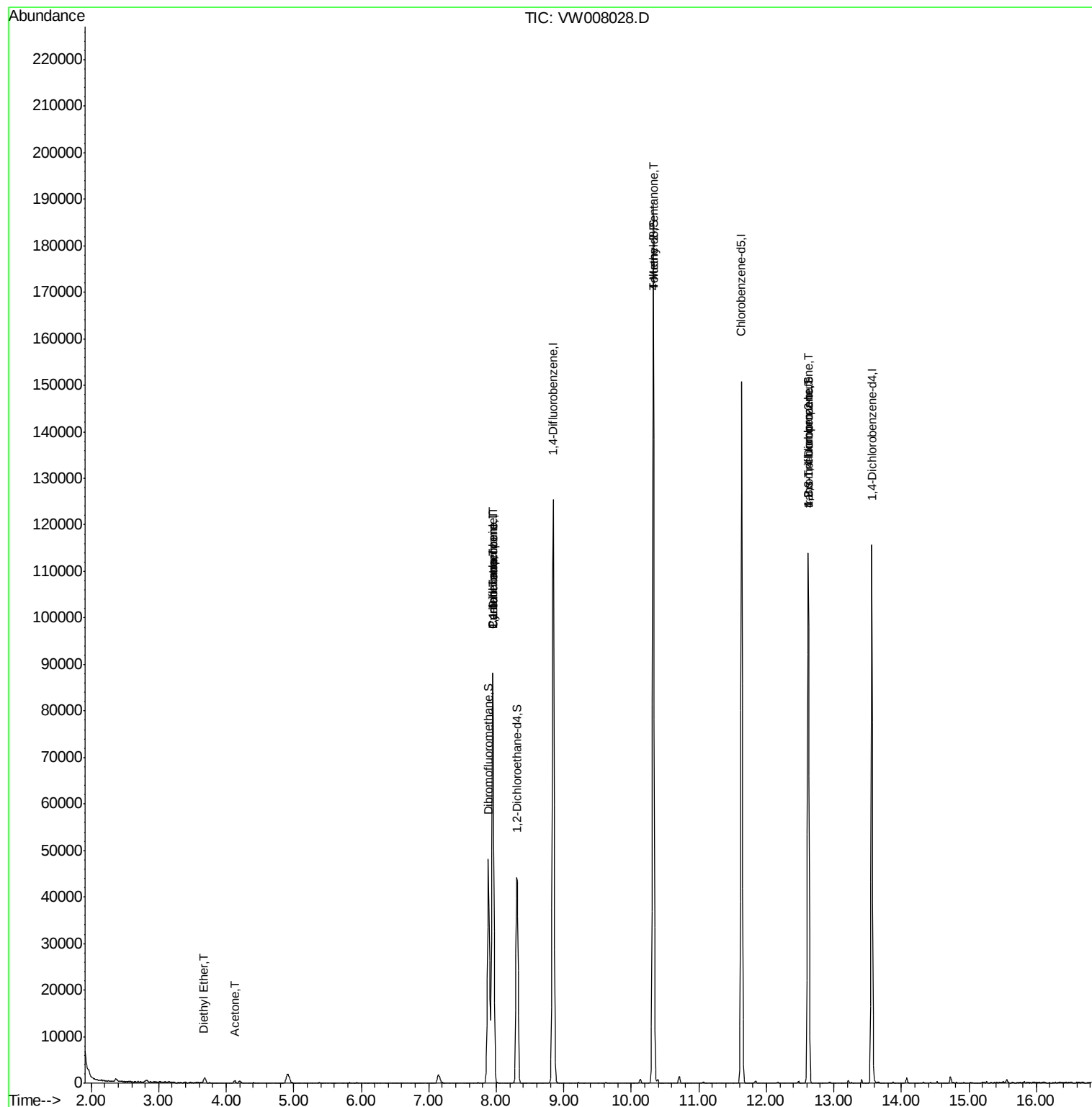
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	669	2.343	ug/l	92
16) Acetone	4.13	43	926	8.587	ug/l #	89
31) Cyclohexane	7.95	56	1375	1.291	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	5018	4.667	ug/l #	49
38) Carbon Tetrachloride	7.95	117	6819	5.291	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	352	1.178	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	20570	87.628	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20570	207.226	ug/l #	6

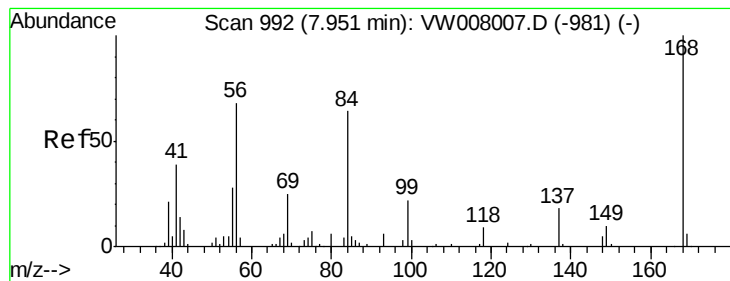
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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ClientSampled :
AU-05-010219-C

Quant Time: Jan 04 00:33:15 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: VW008028.D

Acq: 03 Jan 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

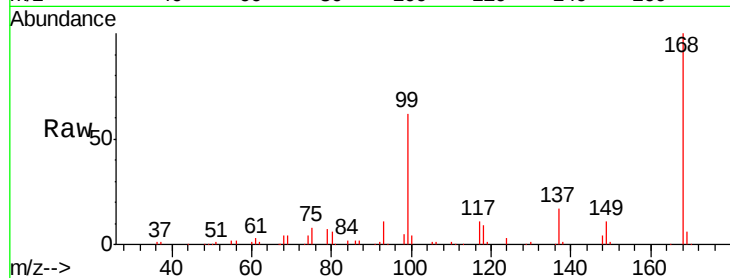
AU-05-010219-C

Tgt Ion:168 Resp: 62984

Ion Ratio Lower Upper

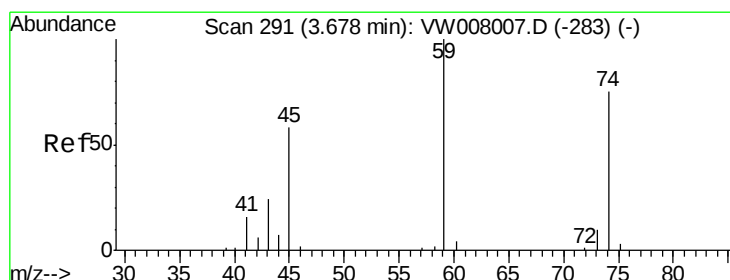
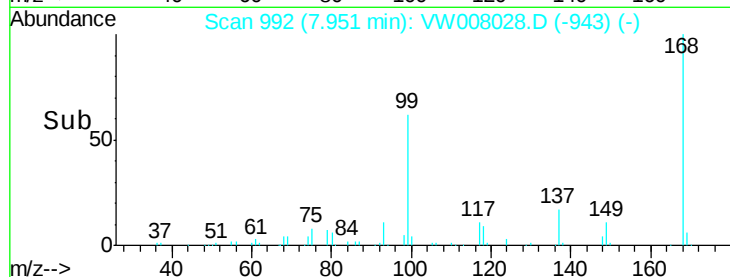
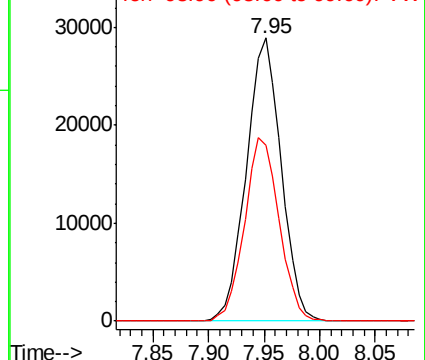
168 100

99 62.1 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.343 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW008028.D

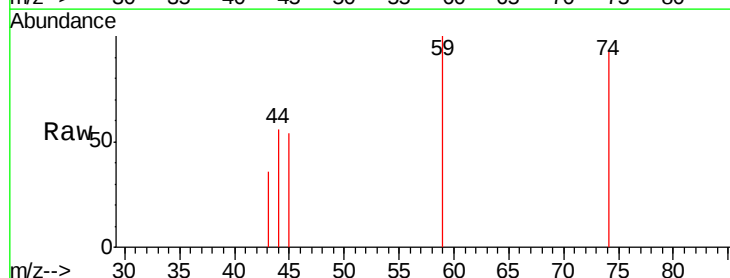
Acq: 03 Jan 2019 18:31

Tgt Ion: 74 Resp: 669

Ion Ratio Lower Upper

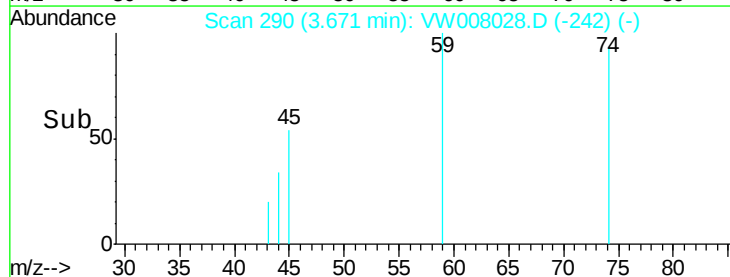
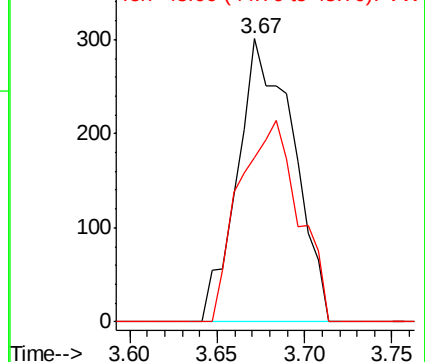
74 100

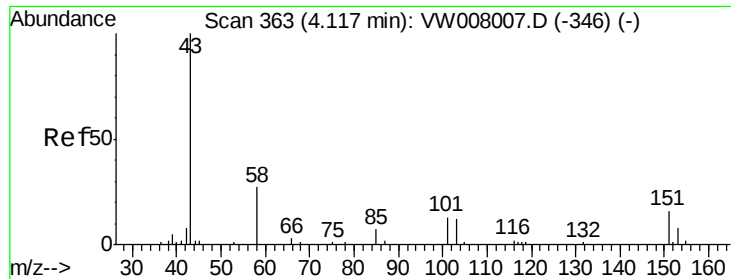
45 75.8 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 8.587 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

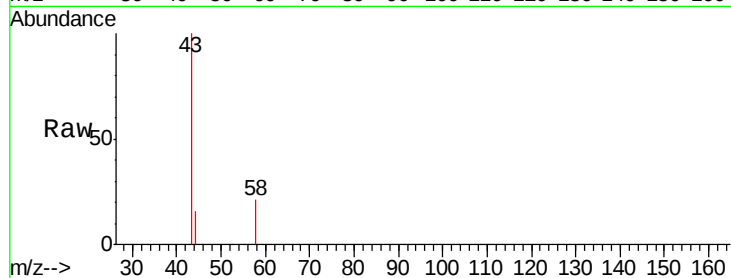
AU-05-010219-C

Tgt Ion: 43 Resp: 926

Ion Ratio Lower Upper

43 100

58 21.5 21.7 32.5#

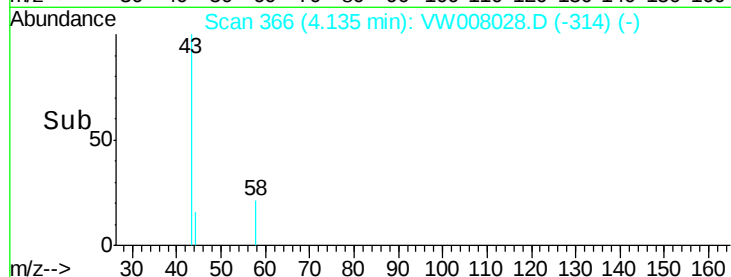


Abundance Ion 43.00 (42.70 to 43.70): VW

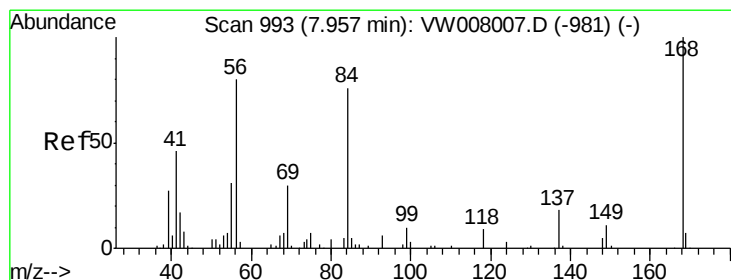
Ion 58.00 (57.70 to 58.70): VW

4.13

4.05 4.10 4.15 4.20



Time-->



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

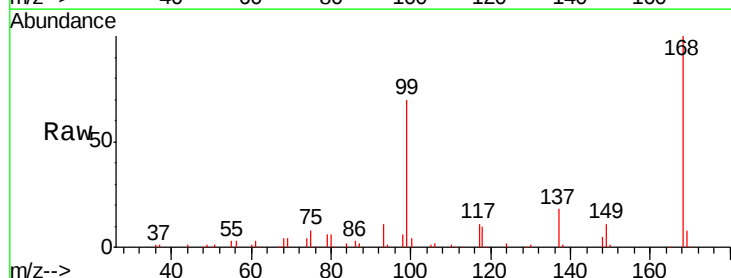
Tgt Ion: 56 Resp: 1375

Ion Ratio Lower Upper

56 100

69 162.6 29.8 44.6#

84 98.5 75.2 112.8



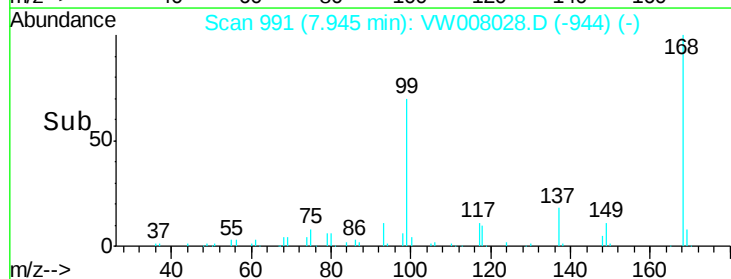
Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

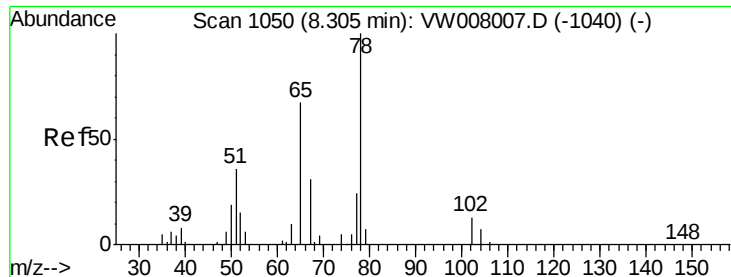
Ion 84.00 (83.70 to 84.70): VW

7.95

7.90 7.95 8.00



Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.812 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

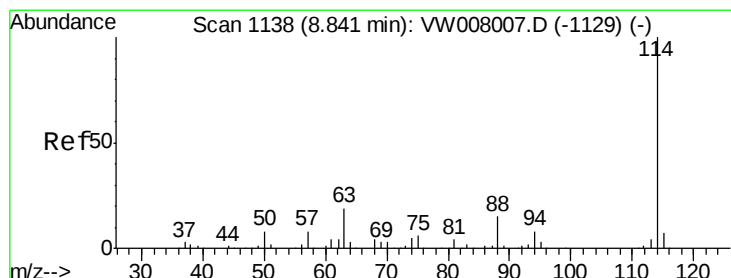
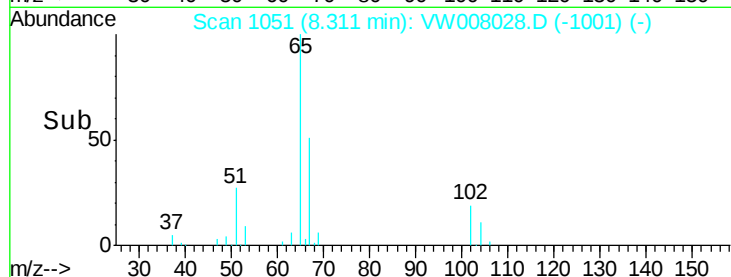
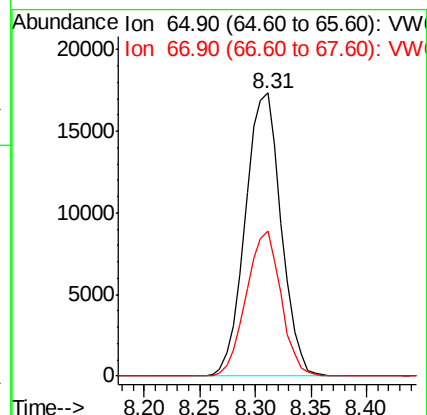
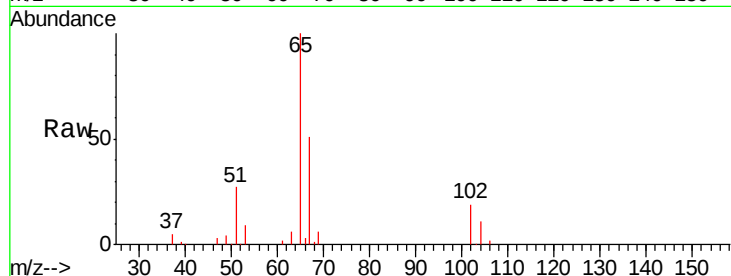
AU-05-010219-C

Tgt Ion: 65 Resp: 38881

Ion Ratio Lower Upper

65 100

67 49.5 0.0 94.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

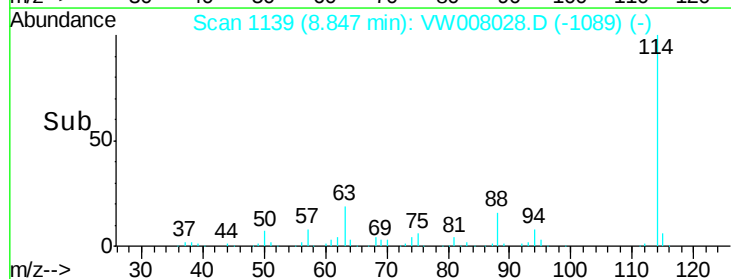
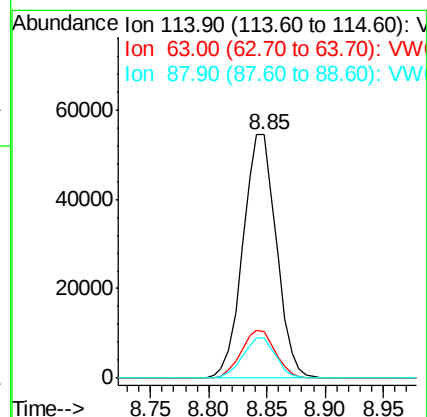
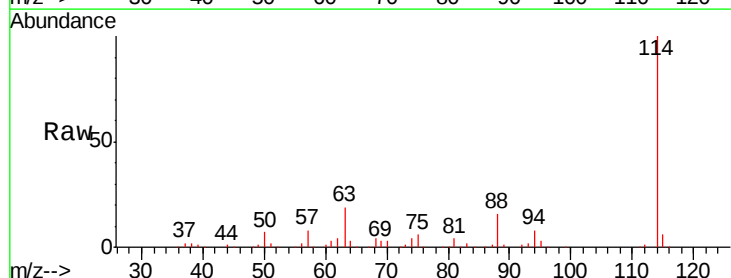
Tgt Ion: 114 Resp: 109008

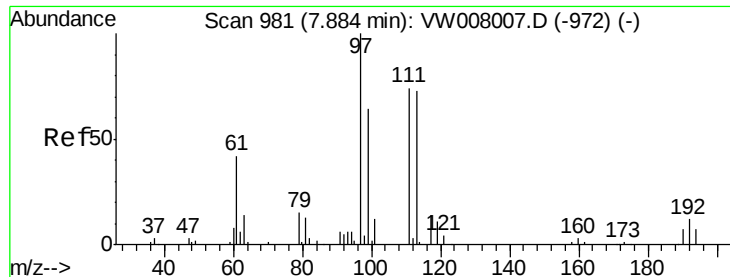
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.8

88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.845 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

AU-05-010219-C

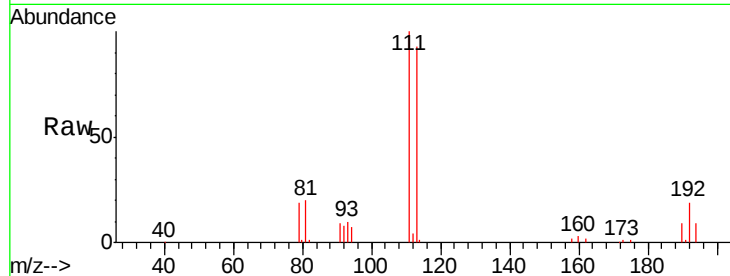
Tgt Ion:113 Resp: 34253

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

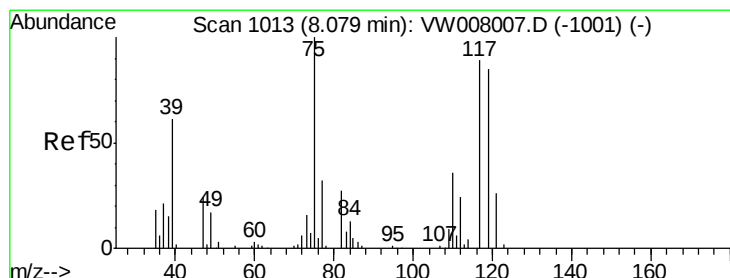
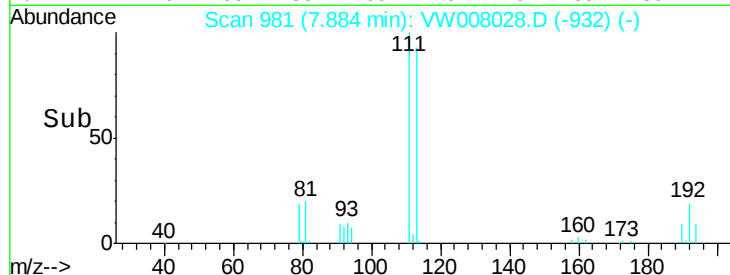
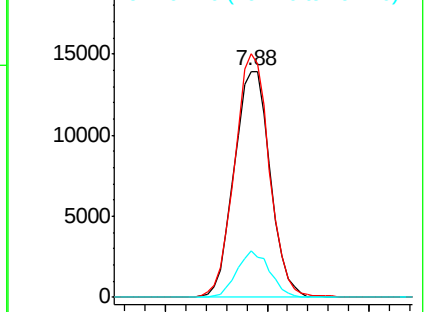
192 18.7 14.8 22.2



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: 4.667 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

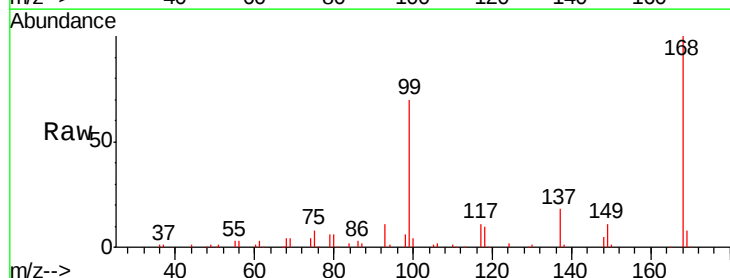
Tgt Ion: 75 Resp: 5018

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.3#

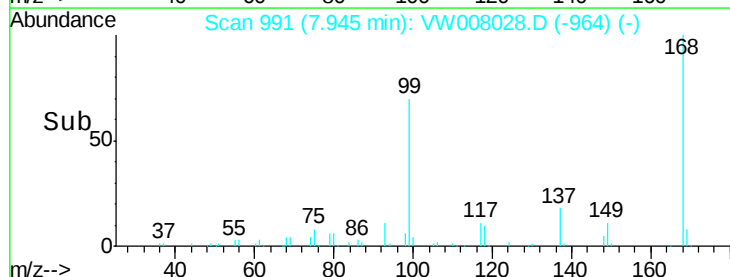
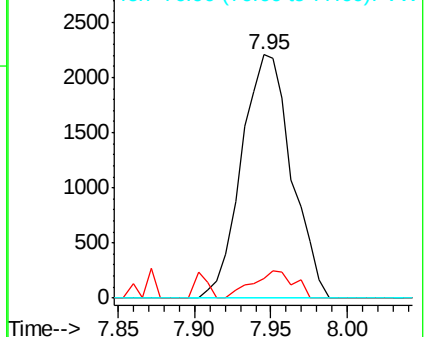
77 0.0 25.3 37.9#

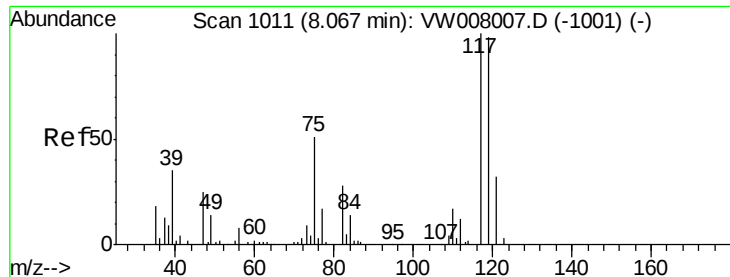


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

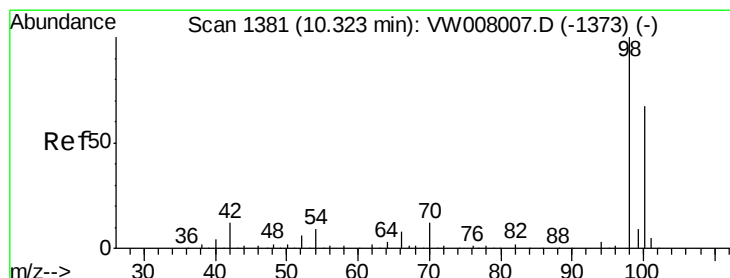
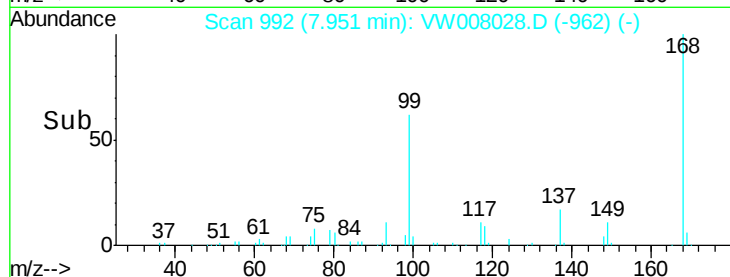
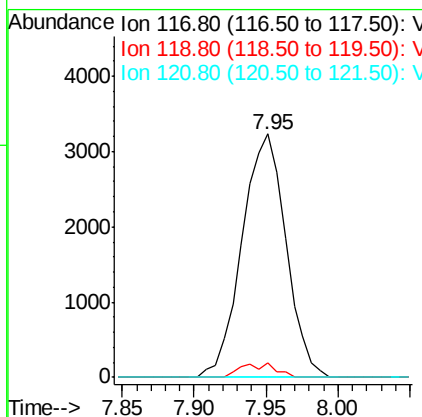
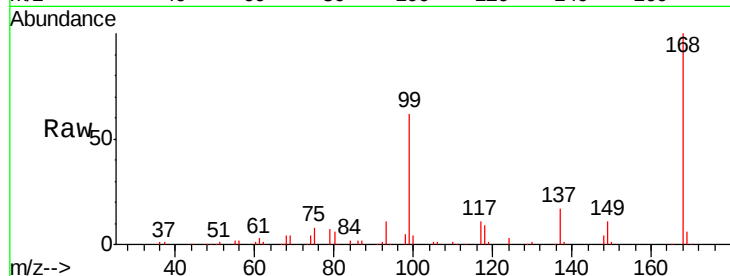




#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008028.D
Acq: 03 Jan 2019 18:31

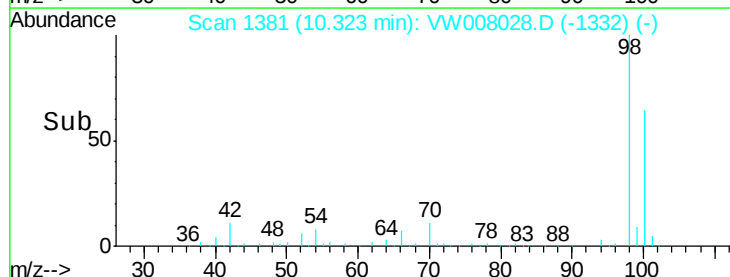
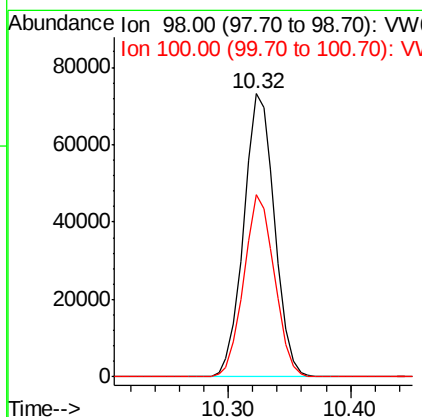
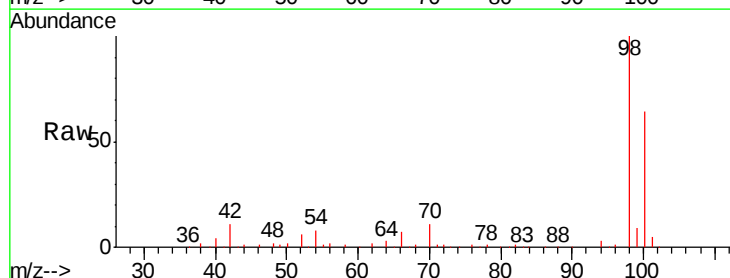
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AU-05-010219-C

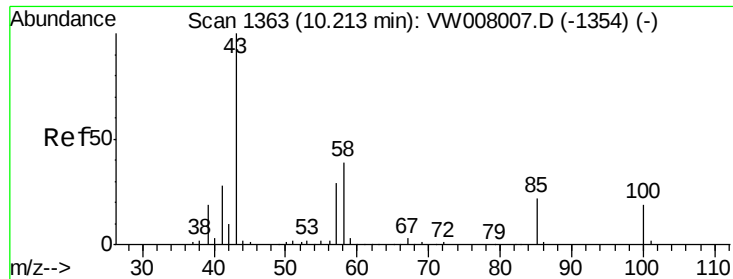
Tgt Ion: 117 Resp: 6819
Ion Ratio Lower Upper
117 100
119 5.7 78.7 118.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 49.626 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008028.D
Acq: 03 Jan 2019 18:31

Tgt Ion: 98 Resp: 127928
Ion Ratio Lower Upper
98 100
100 63.8 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.178 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

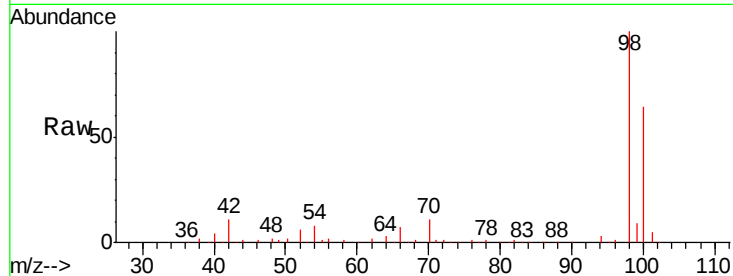
AU-05-010219-C

Tgt Ion: 43 Resp: 352

Ion Ratio Lower Upper

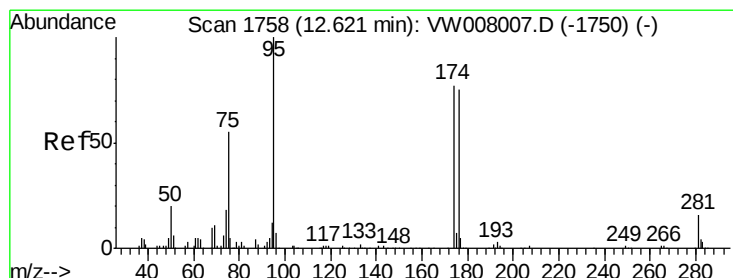
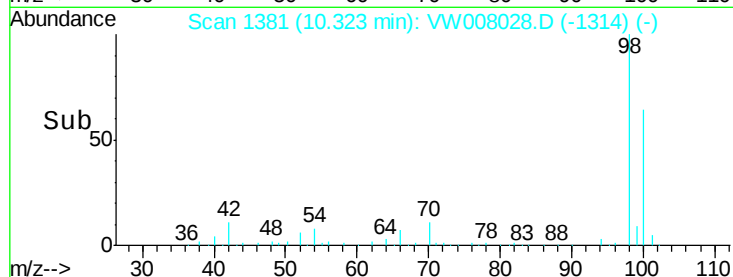
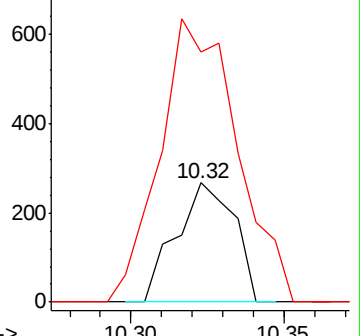
43 100

58 315.9 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: 38.192 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

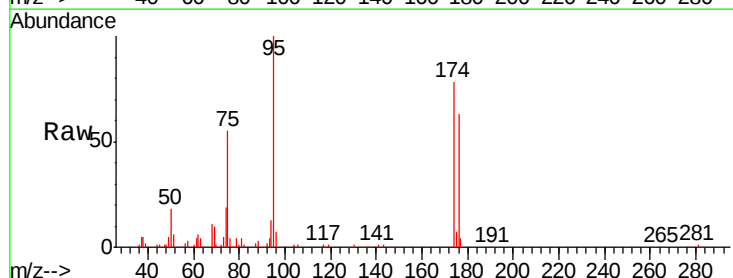
Tgt Ion: 95 Resp: 37757

Ion Ratio Lower Upper

95 100

174 79.2 0.0 149.6

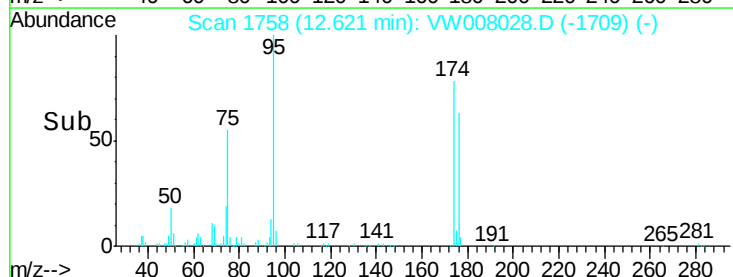
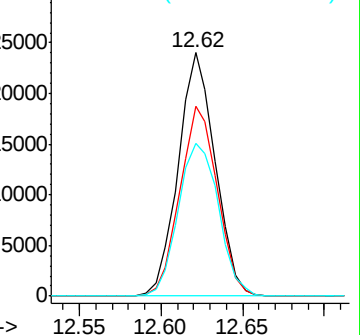
176 68.7 0.0 145.4

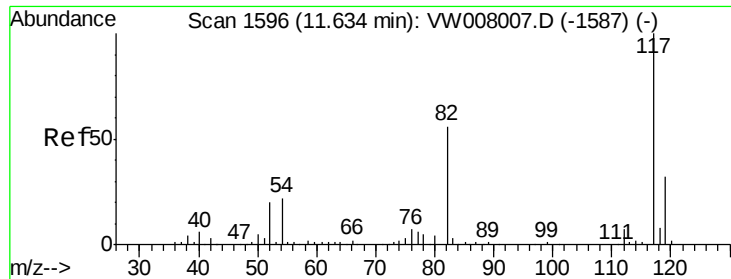


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

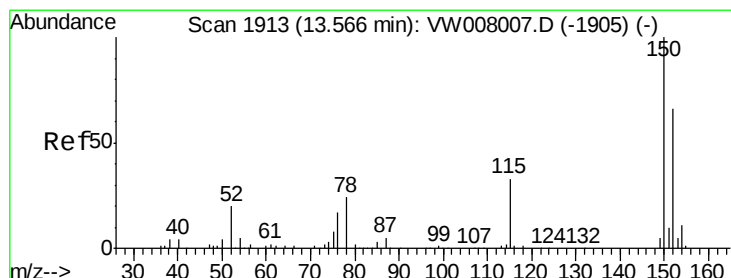
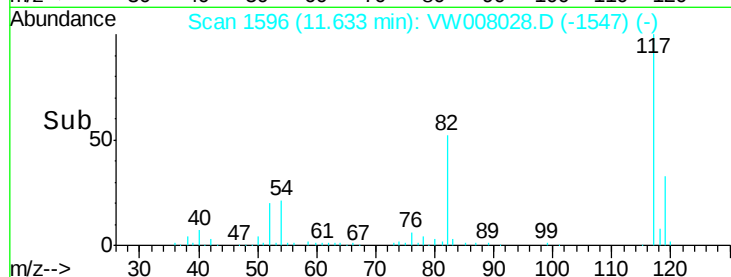
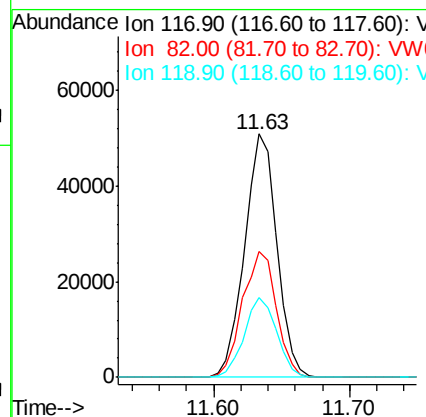
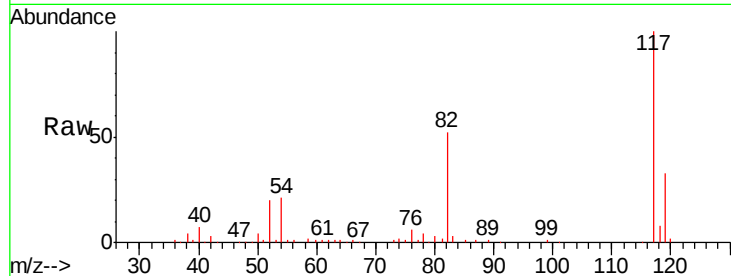




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008028.D
Acq: 03 Jan 2019 18:31

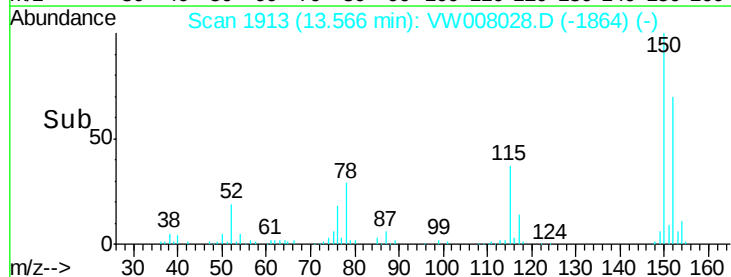
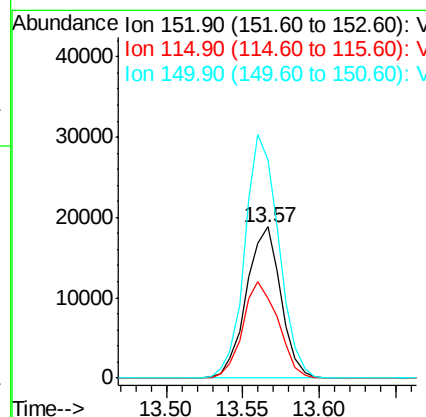
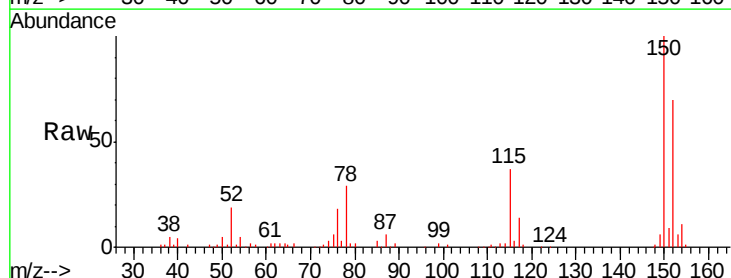
Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-C

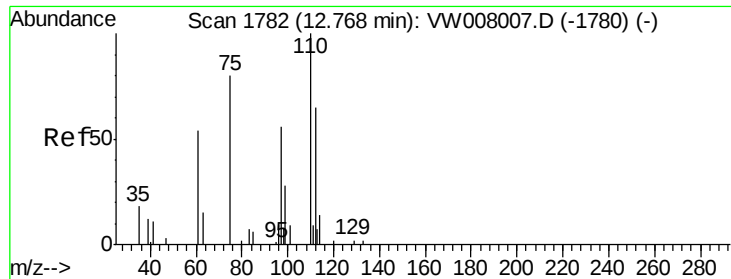
Tgt Ion:117 Resp: 84435
Ion Ratio Lower Upper
117 100
82 51.7 44.8 67.2
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW008028.D
Acq: 03 Jan 2019 18:31

Tgt Ion:152 Resp: 29507
Ion Ratio Lower Upper
152 100
115 65.1 32.1 96.5
150 157.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 87.628 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

Instrument :

MSVOA_W

ClientSampleId :

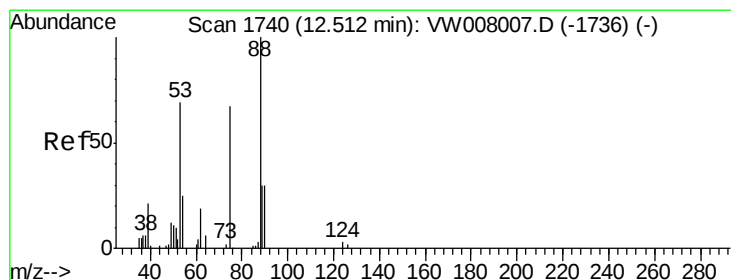
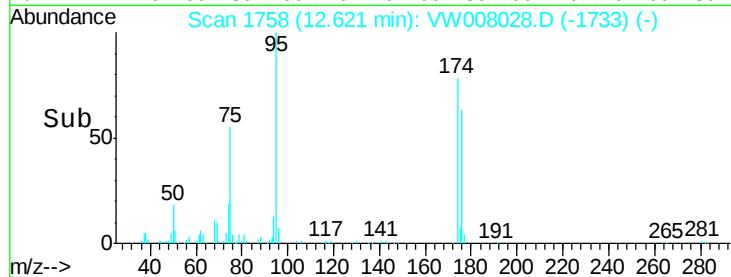
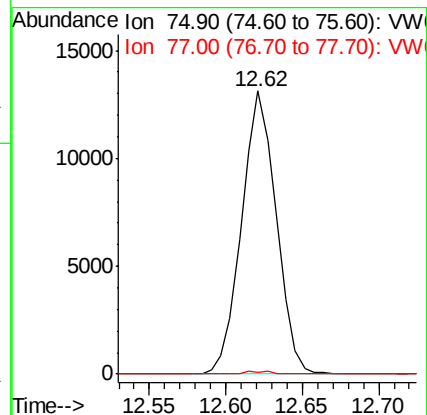
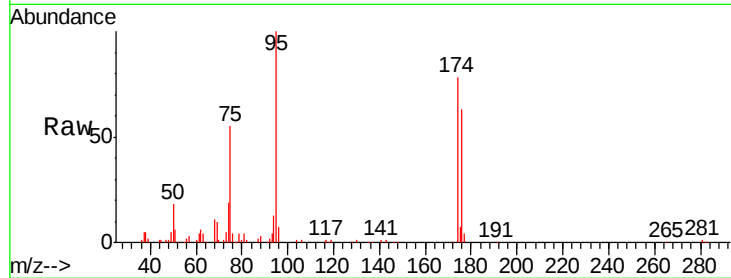
AU-05-010219-C

Tgt Ion: 75 Resp: 20570

Ion Ratio Lower Upper

75 100

77 0.7 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 207.226 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008028.D

Acq: 03 Jan 2019 18:31

Tgt Ion: 75 Resp: 20570

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#

