

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008026.D
 Acq On : 03 Jan 2019 17:37
 Operator : SY/AP
 Sample : K1002-01
 Misc : 7.11G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 04 00:32:53 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	66181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44038	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	40696	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
35) Dibromofluoromethane	7.88	113	35377	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.32	98	131315	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	42541	41.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.04%	

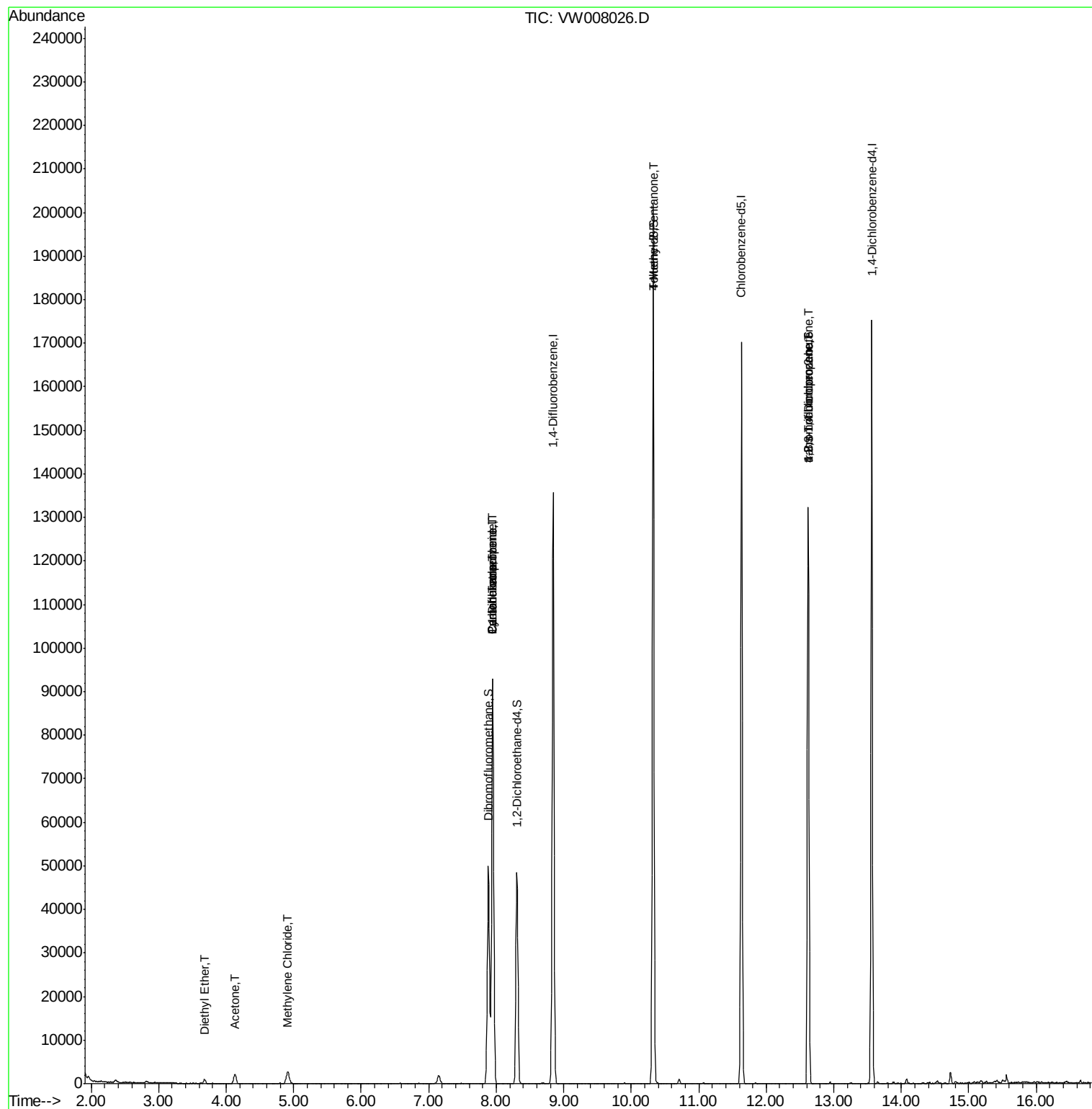
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	557	1.857	ug/l	95
16) Acetone	4.13	43	4169	36.793	ug/l	98
20) Methylene Chloride	4.91	84	2331	1.007	ug/l	88
31) Cyclohexane	7.95	56	1536	1.373	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	5017	4.447	ug/l #	52
38) Carbon Tetrachloride	7.95	117	7030	5.200	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	557	1.777	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	25106	71.661	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25106	169.467	ug/l #	6

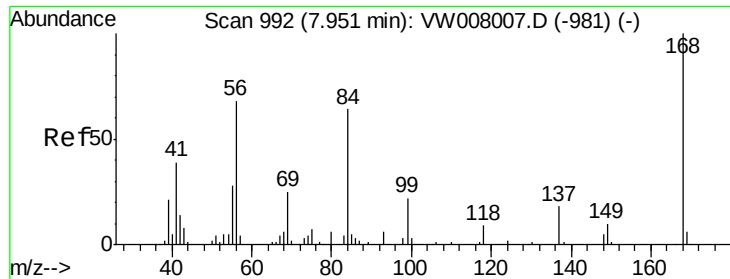
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008026.D

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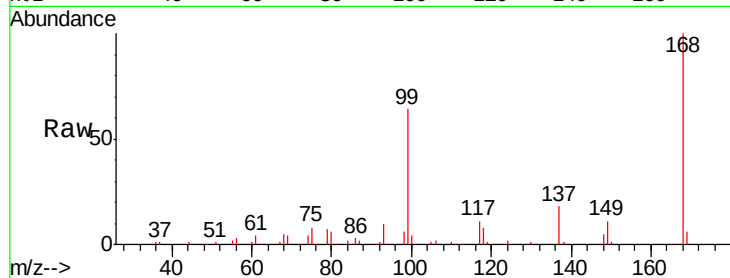
AU-05-010219-A

Tgt Ion: 168 Resp: 66181

Ion Ratio Lower Upper

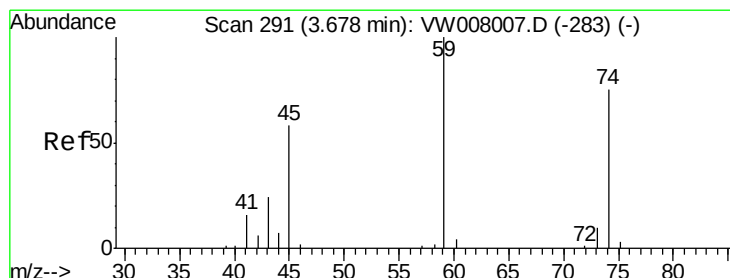
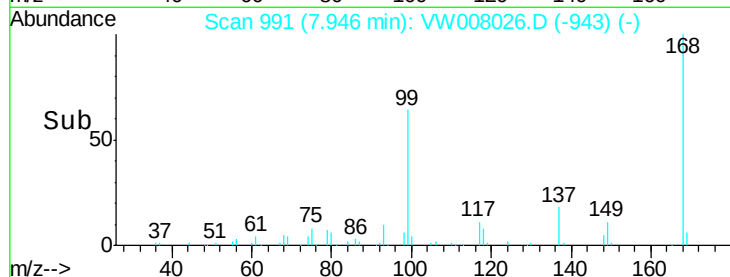
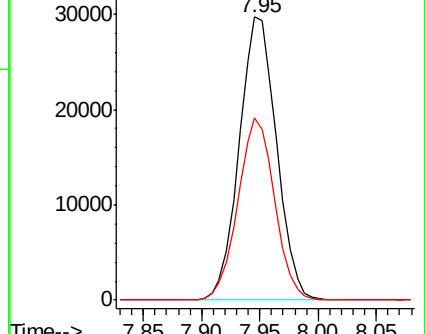
168 100

99 64.3 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: 1.857 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW008026.D

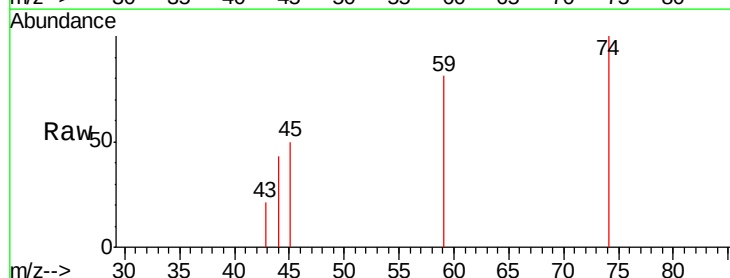
Acq: 03 Jan 2019 17:37

Tgt Ion: 74 Resp: 557

Ion Ratio Lower Upper

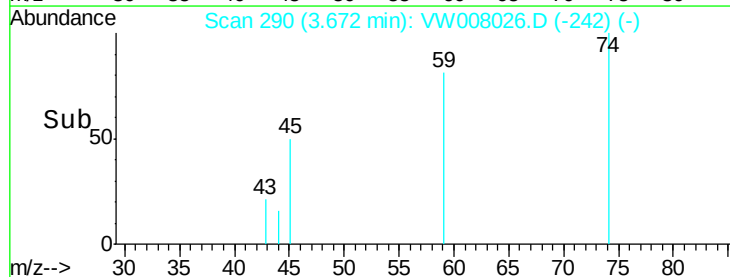
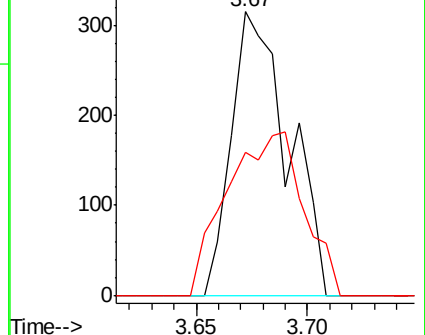
74 100

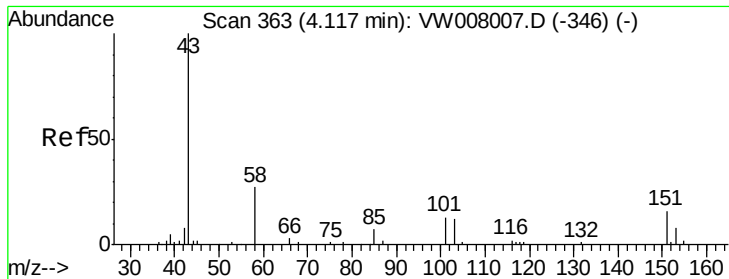
45 78.1 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 36.793 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008026.D

Acq: 03 Jan 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

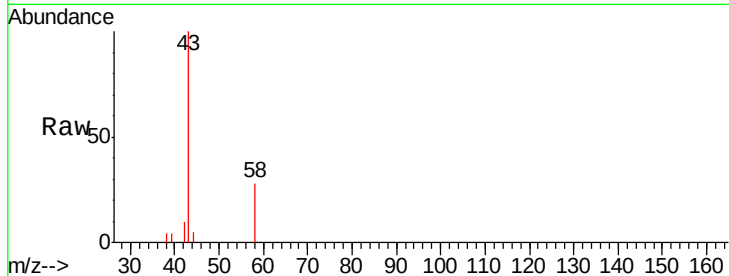
AU-05-010219-A

Tgt Ion: 43 Resp: 4169

Ion Ratio Lower Upper

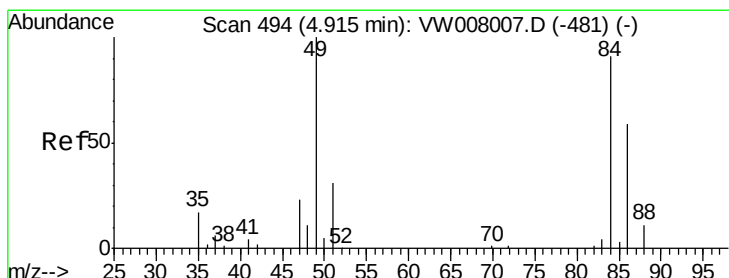
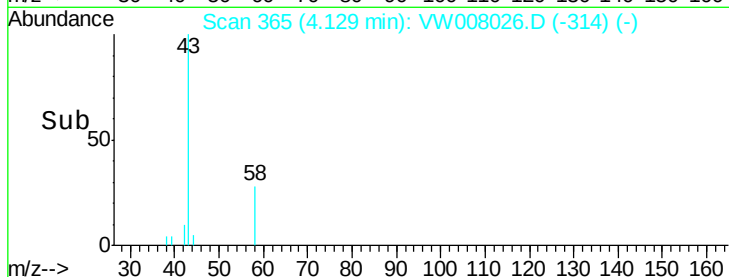
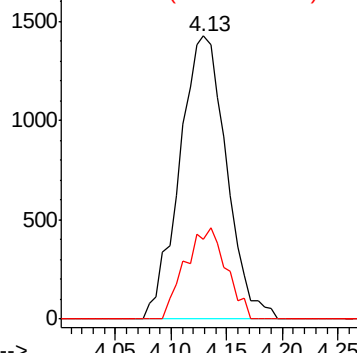
43 100

58 28.2 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: 1.007 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008026.D

Acq: 03 Jan 2019 17:37

Tgt Ion: 84 Resp: 2331

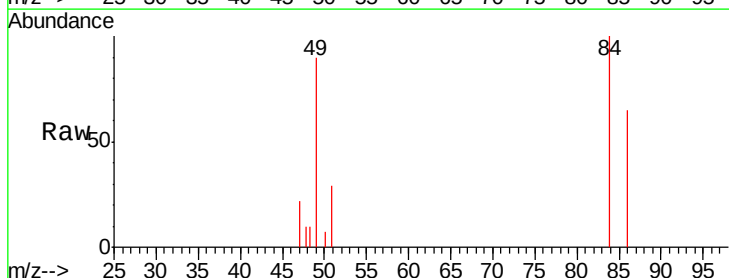
Ion Ratio Lower Upper

84 100

49 89.9 87.7 131.5

51 29.1 27.3 40.9

86 65.2 51.4 77.0

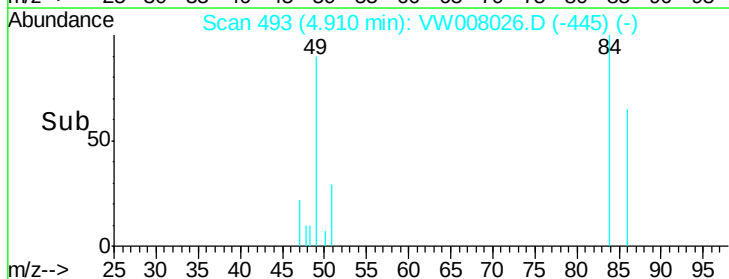
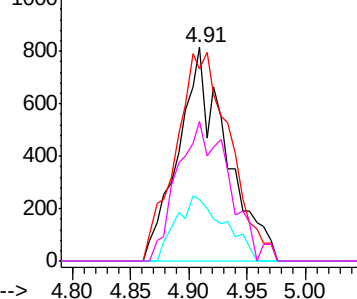


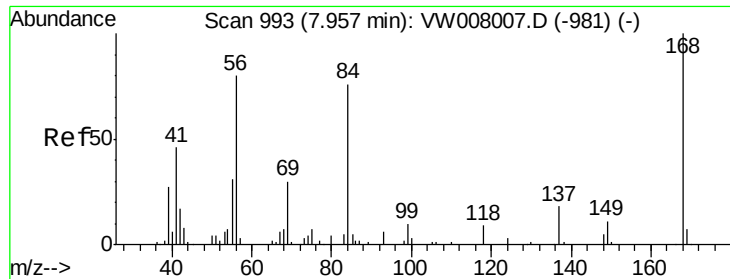
Abundance Ion 83.90 (83.60 to 84.60): VW

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

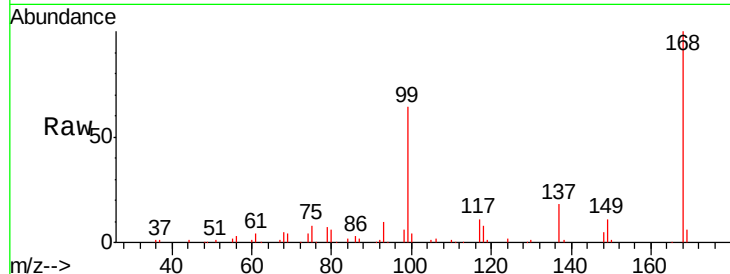




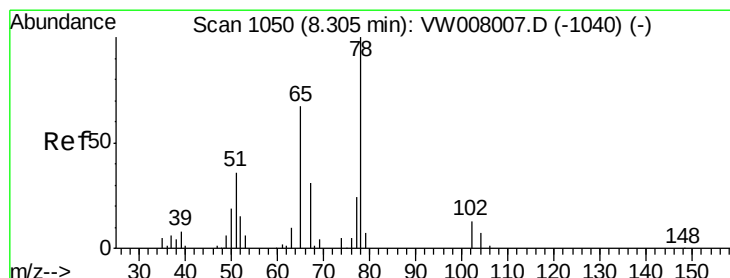
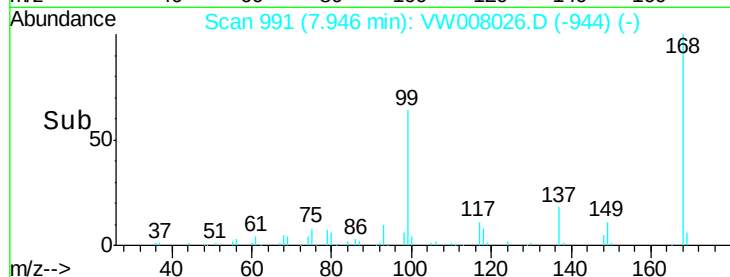
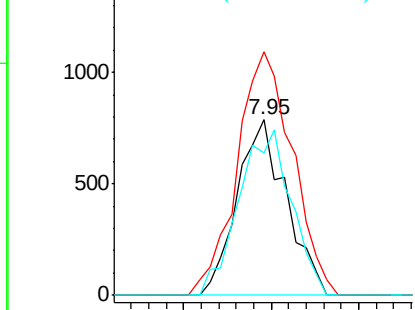
#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

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

Tgt Ion: 56 Resp: 1536
Ion Ratio Lower Upper
56 100
69 138.8 29.8 44.6#
84 81.1 75.2 112.8

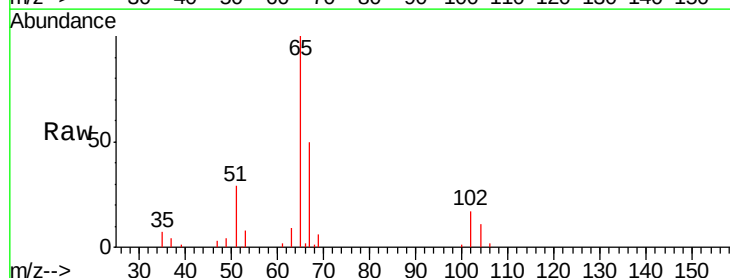


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

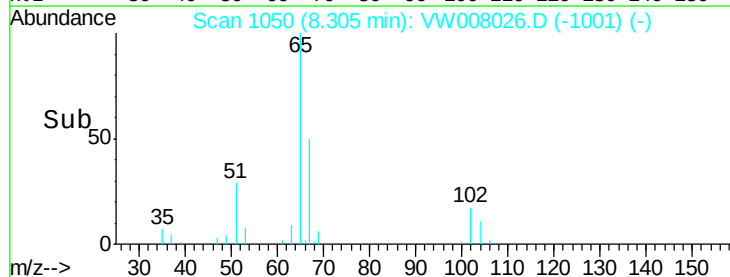
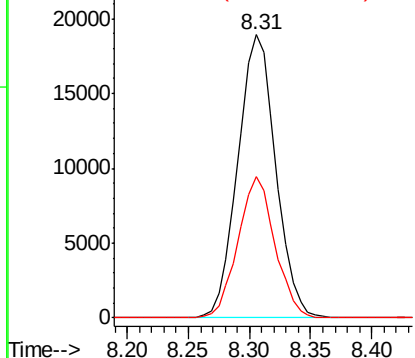


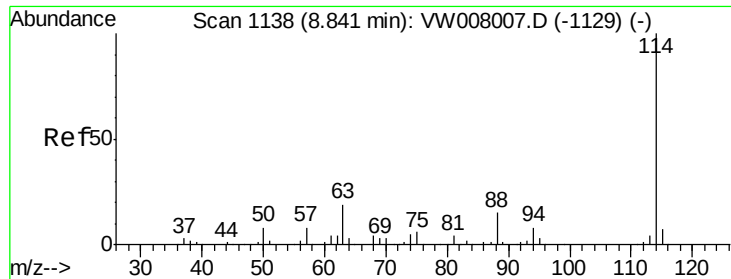
#33
1,2-Dichloroethane-d4
Concen: 55.596 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

Tgt Ion: 65 Resp: 40696
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

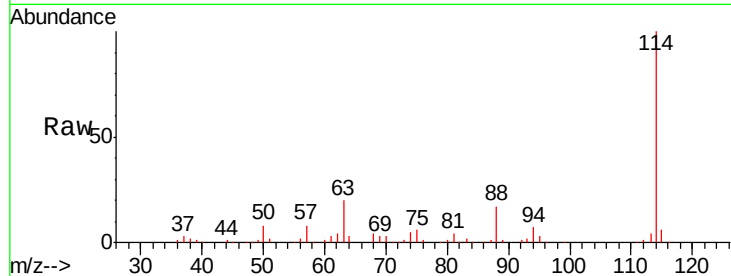




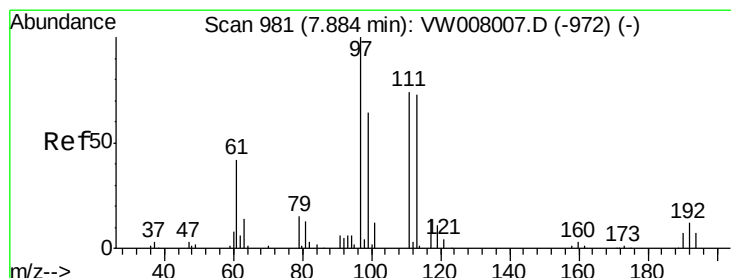
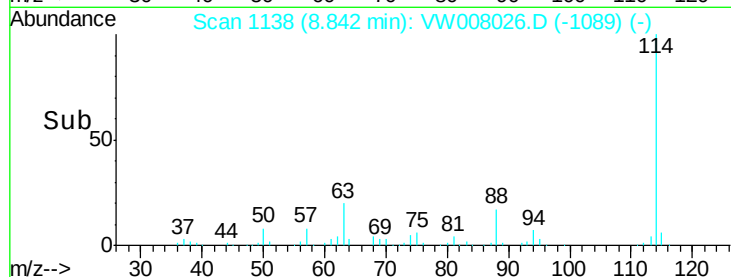
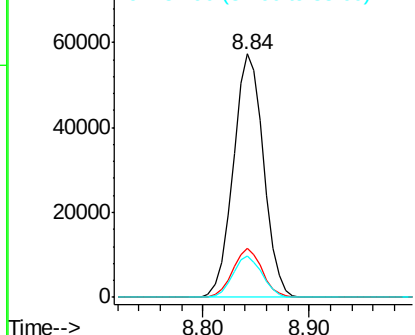
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

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

Tgt Ion:114 Resp: 114354
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.8
88 17.1 0.0 31.0

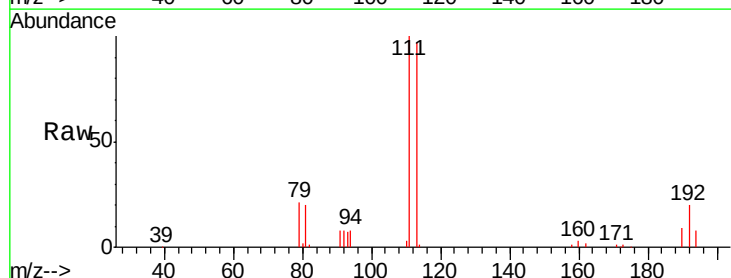


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

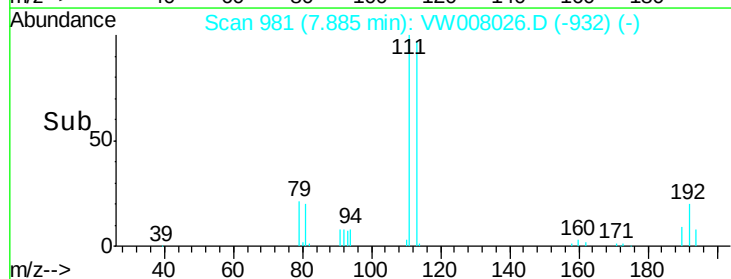
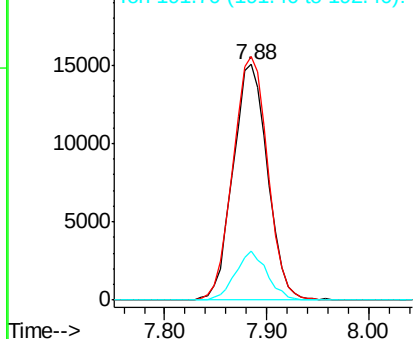


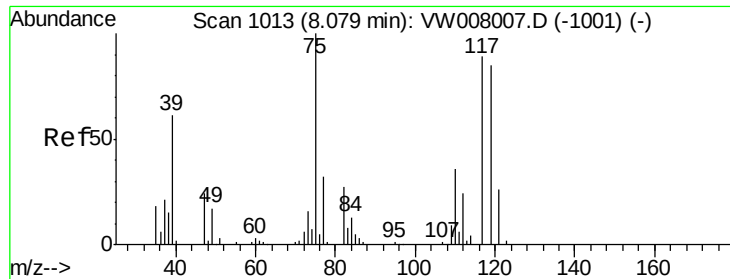
#35
Dibromofluoromethane
Concen: 49.074 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

Tgt Ion:113 Resp: 35377
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 19.1 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

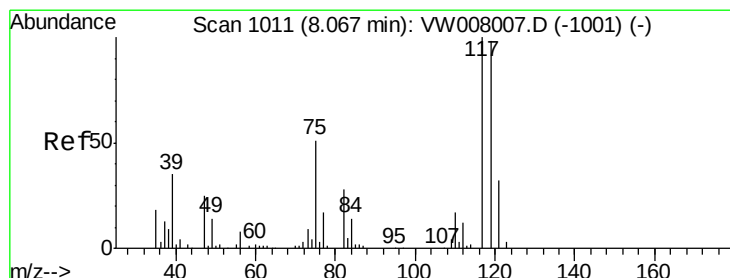
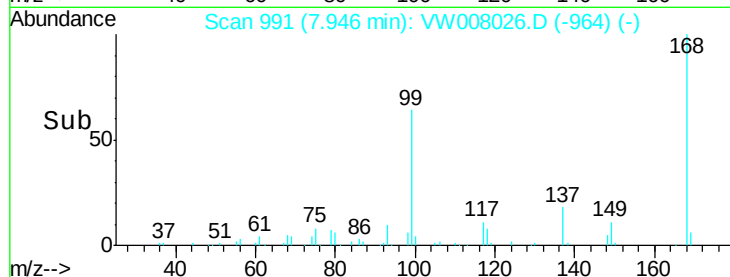
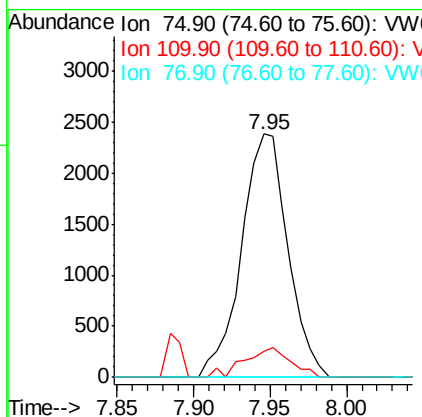
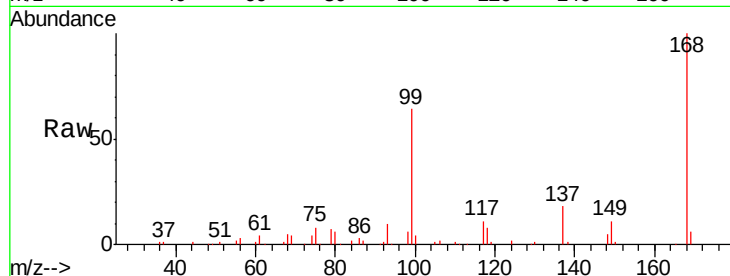




#36
 1,1-Dichloropropene
 Concen: 4.447 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008026.D
 Acq: 03 Jan 2019 17:37

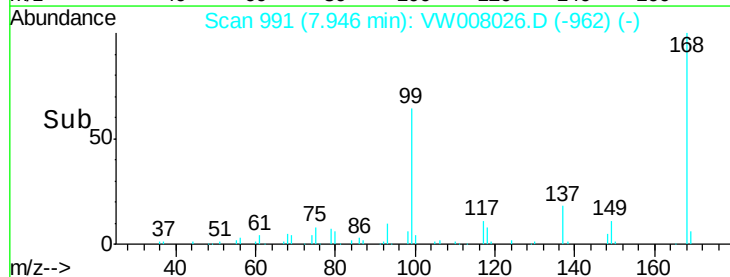
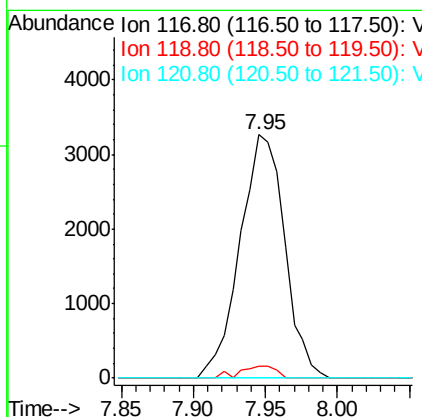
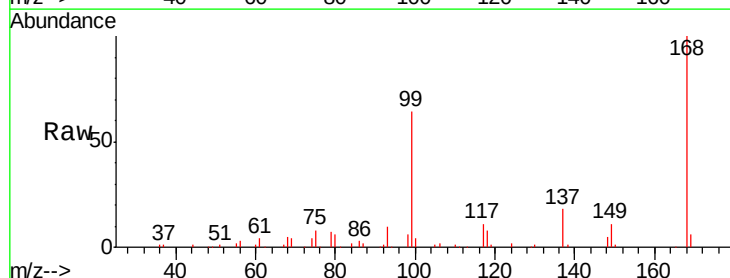
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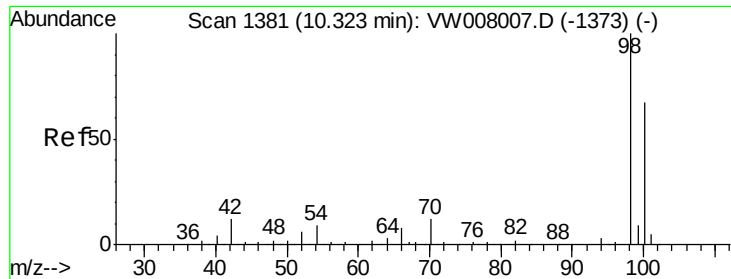
Tgt Ion: 75 Resp: 5017
 Ion Ratio Lower Upper
 75 100
 110 12.2 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.200 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008026.D
 Acq: 03 Jan 2019 17:37

Tgt Ion: 117 Resp: 7030
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.7 118.1#
 121 0.0 25.8 38.8#

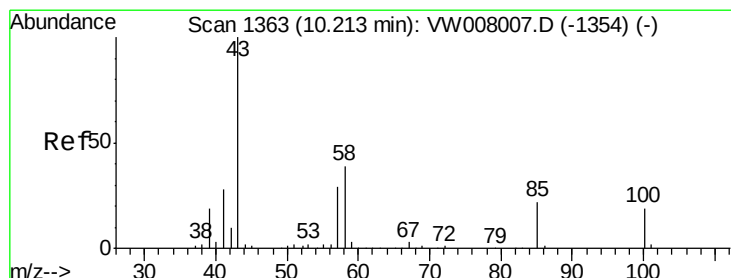
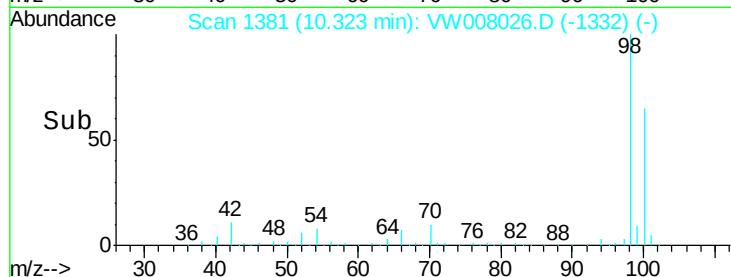
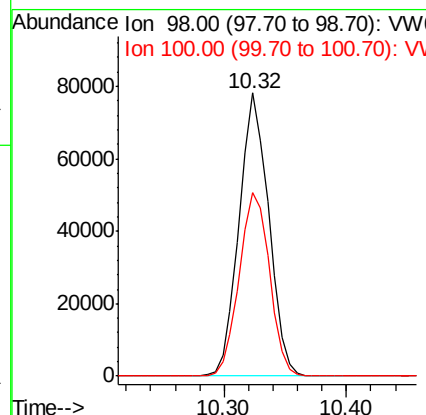
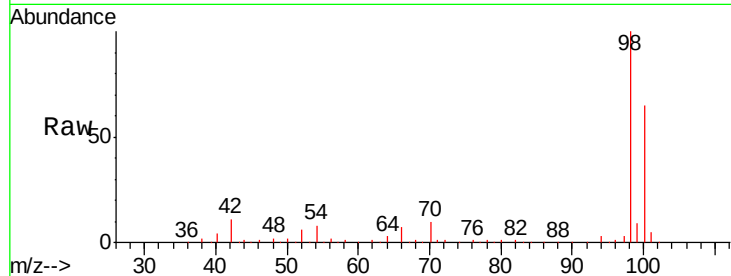




#50
Toluene-d8
Concen: 48.559 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

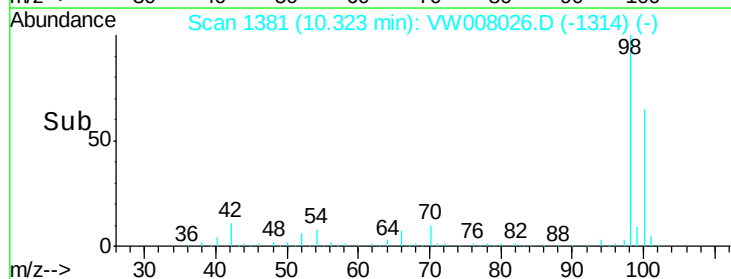
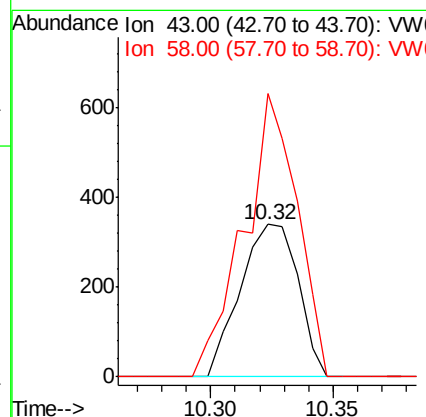
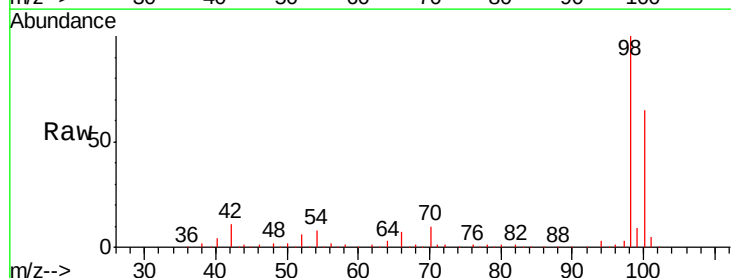
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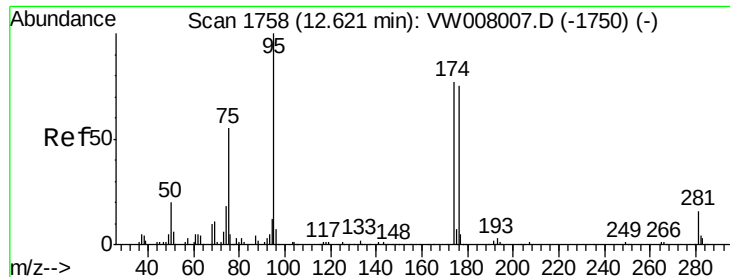
Tgt Ion: 98 Resp: 131315
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 1.777 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

Tgt Ion: 43 Resp: 557
Ion Ratio Lower Upper
43 100
58 171.1 32.0 48.0#

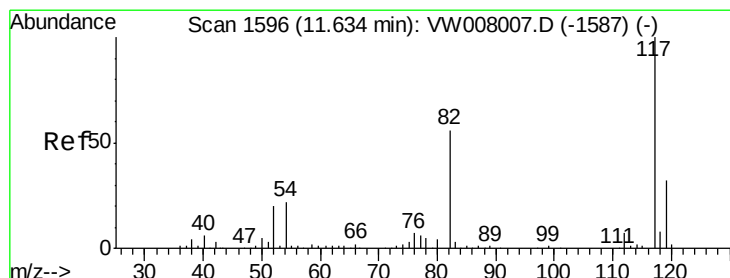
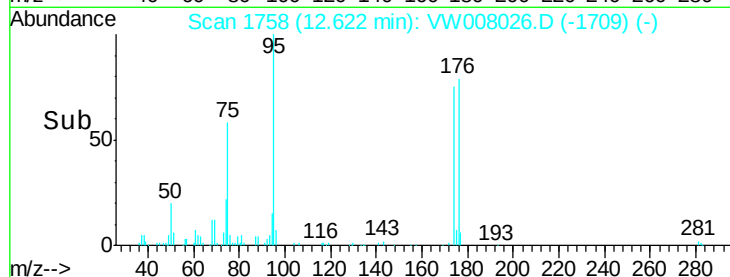
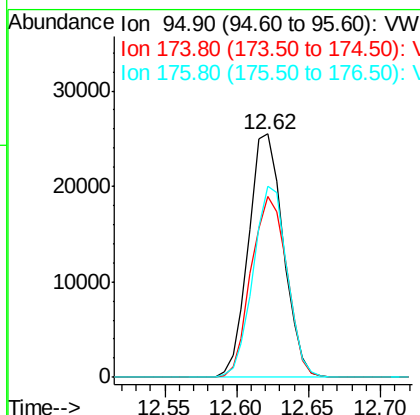
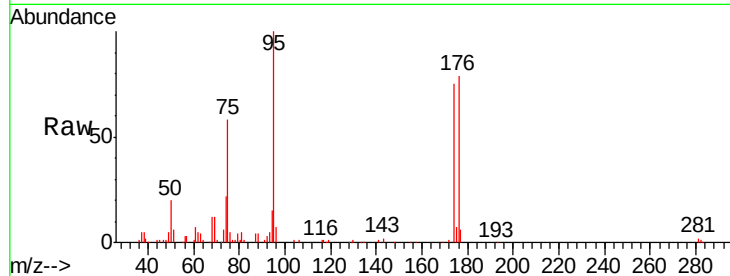




#62
4-Bromofluorobenzene
Concen: 41.019 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

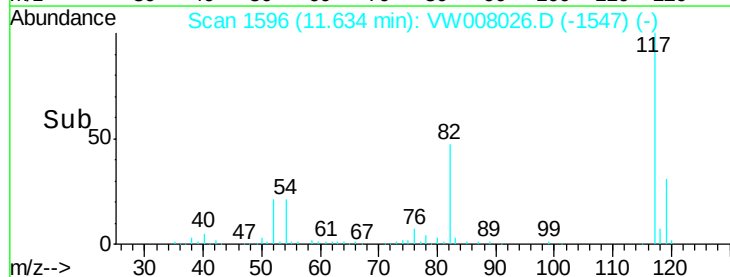
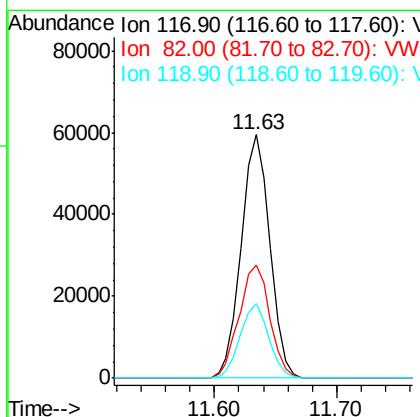
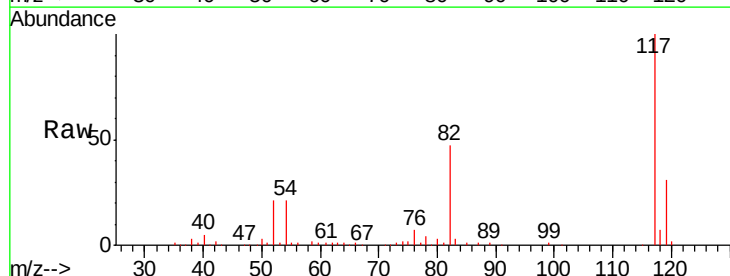
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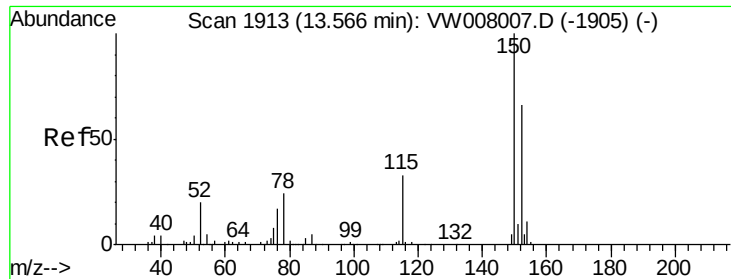
Tgt Ion: 95 Resp: 42541
Ion Ratio Lower Upper
95 100
174 76.3 0.0 149.6
176 76.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

Tgt Ion: 117 Resp: 96548
Ion Ratio Lower Upper
117 100
82 46.6 44.8 67.2
119 30.8 25.6 38.4



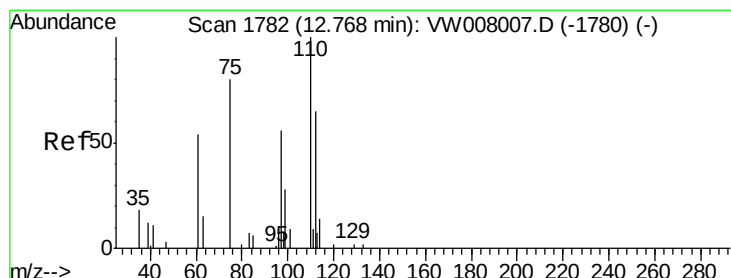
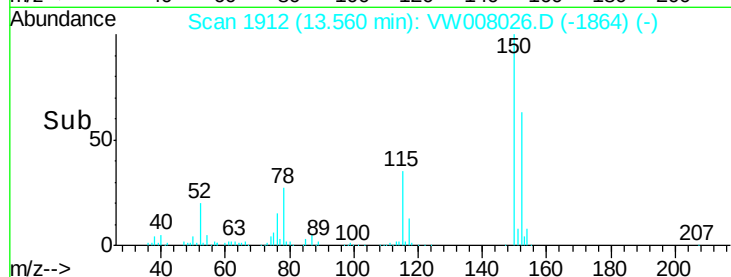
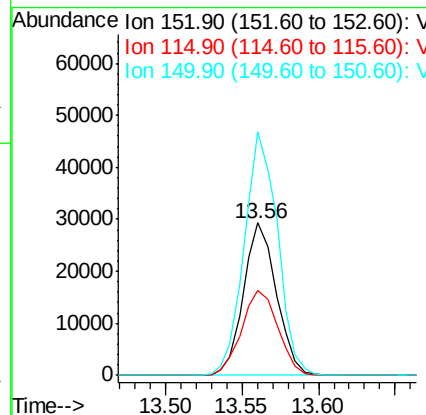
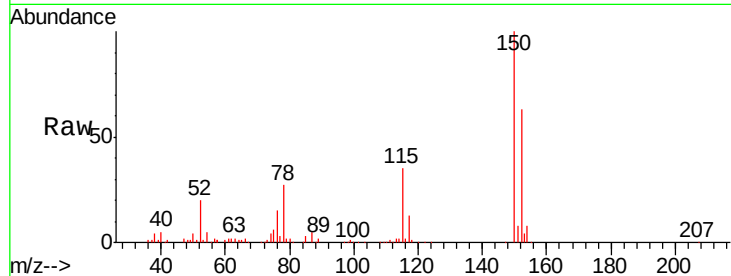


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

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

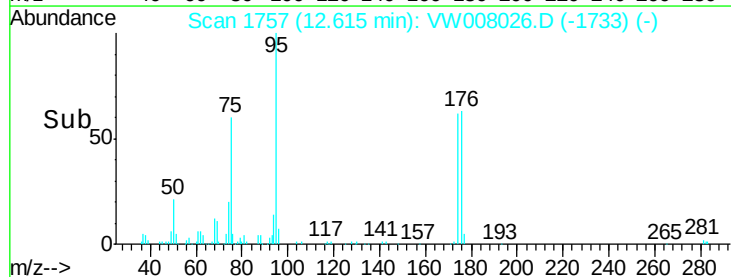
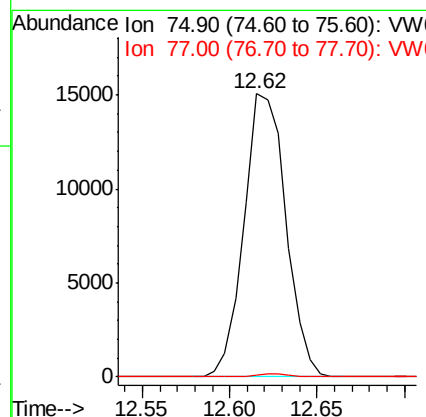
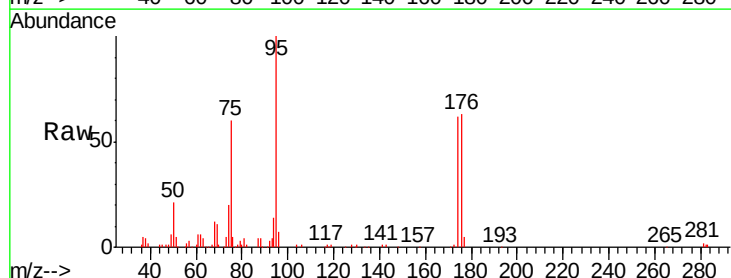
Tgt Ion:152 Resp: 44038
Ion Ratio Lower Upper
152 100
115 61.2 32.1 96.5
150 160.7 0.0 345.0

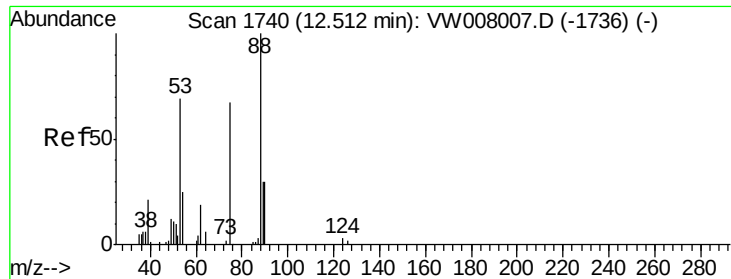


#76

1,2,3-Trichloropropane
Concen: 71.661 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW008026.D
Acq: 03 Jan 2019 17:37

Tgt Ion: 75 Resp: 25106
Ion Ratio Lower Upper
75 100
77 0.8 186.2 558.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 169.467 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008026.D

Acq: 03 Jan 2019 17:37

Instrument :

MSVOA_W

ClientSampleId :

AU-05-010219-A

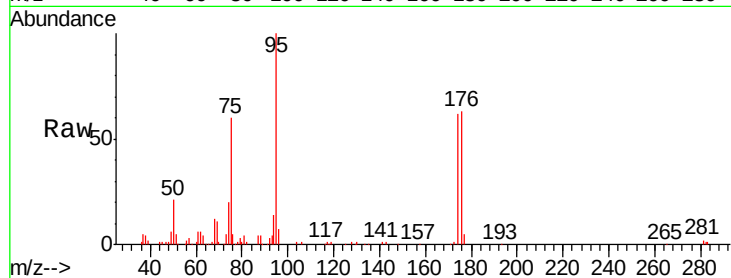
Tgt Ion: 75 Resp: 25106

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.1 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

