

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011205.D
 Acq On : 10 Jul 2019 22:44
 Operator : SY/VA
 Sample : K3733-04
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC051-SD-190709

Quant Time: Jul 11 08:09:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 10 06:41:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	322627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115718	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	131125	55.49	ug/l	0.00
Spiked Amount			Recovery	=	110.98%	
35) Dibromofluoromethane	7.88	113	100090	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
50) Toluene-d8	10.32	98	396596	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	133341	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

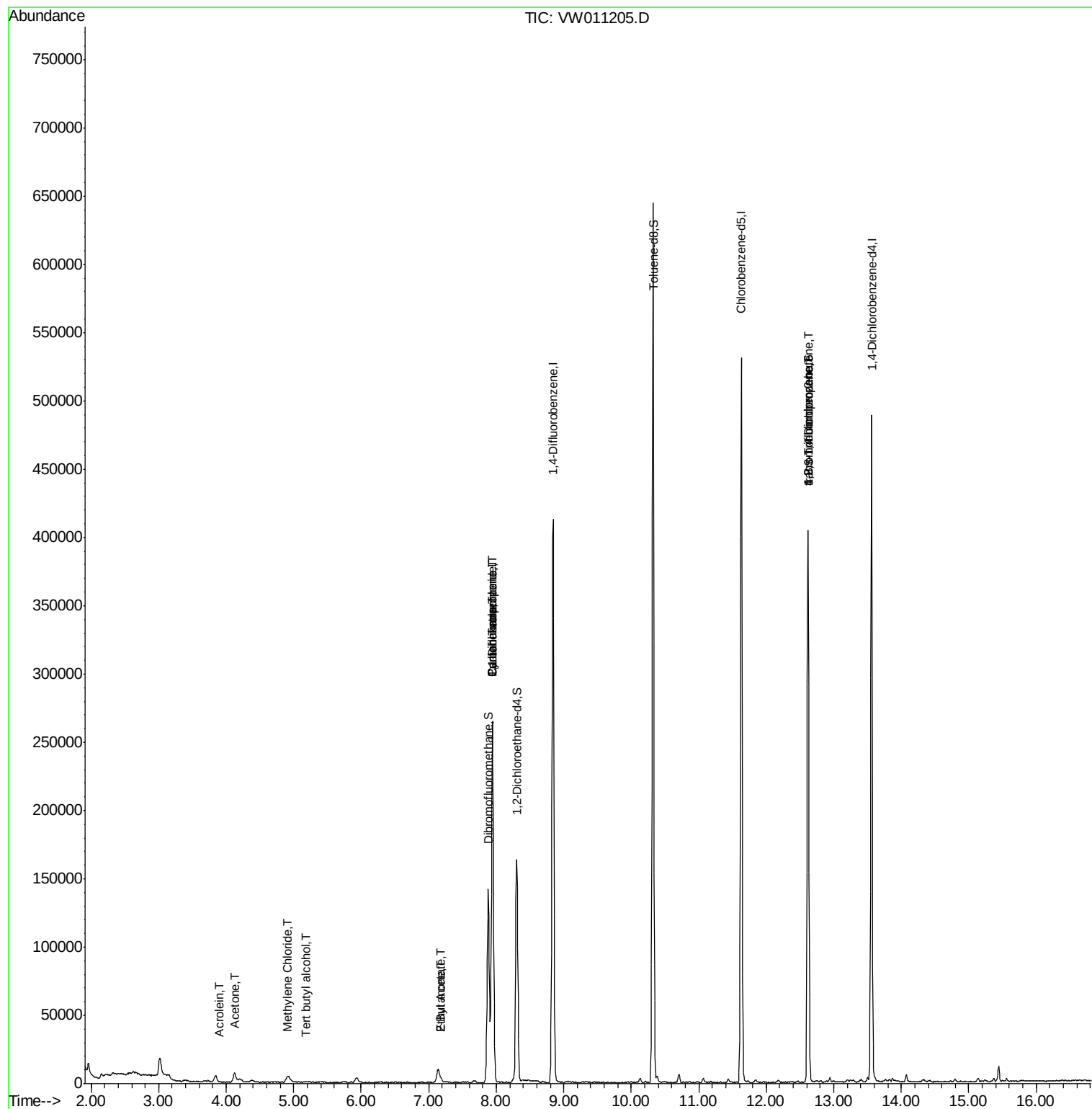
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	395	2.258	ug/l #	83
13) Acrolein	3.90	56	146	1.048	ug/l #	14
16) Acetone	4.12	43	14236	25.037	ug/l	99
20) Methylene Chloride	4.91	84	3570	1.592	ug/l	89
25) 2-Butanone	7.18	43	3229	3.618	ug/l #	87
31) Cyclohexane	7.95	56	5188	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16510	4.805	ug/l #	51
37) Ethyl Acetate	7.18	43	3229	1.564	ug/l #	87
38) Carbon Tetrachloride	7.95	117	19546	6.711	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	73107	54.669	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73107	123.651	ug/l #	6

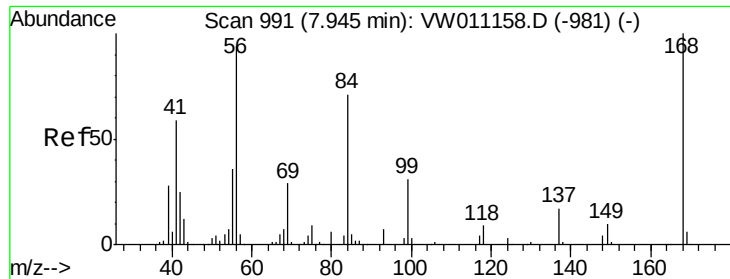
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071119\
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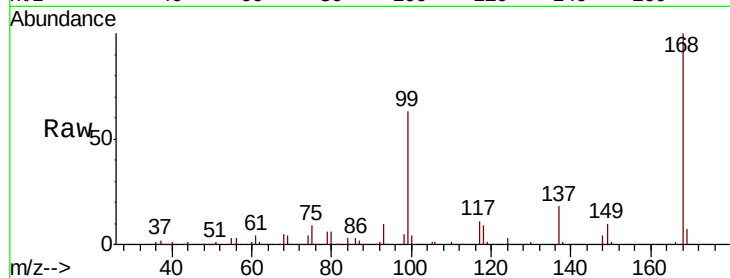




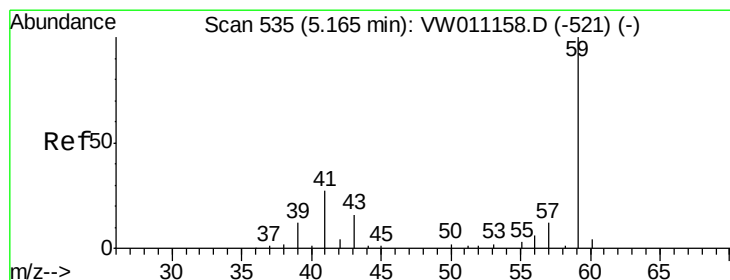
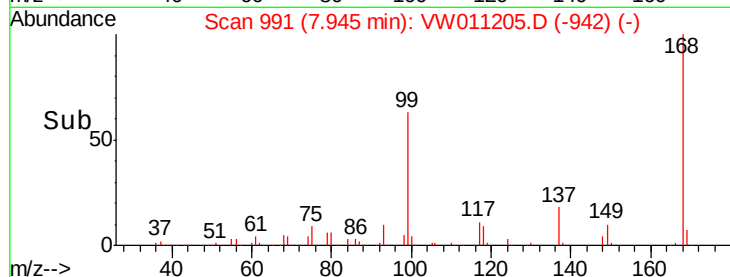
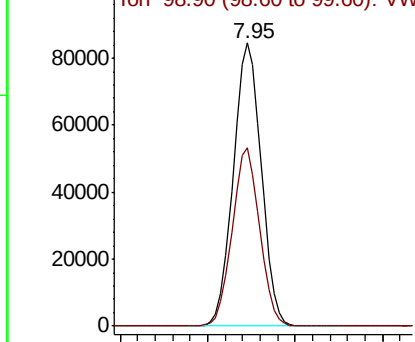
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW011205.D
Acq: 10 Jul 2019 22:44

Instrument :
MSVOA_W
ClientSampleId :
KY030LC051-SD-190709

Tot Ion:168 Resp: 188070
Ion Ratio Lower Upper
168 100
99 63.0 50.1 75.1

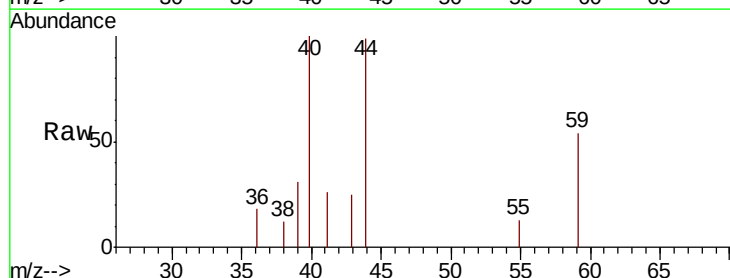


Abundance Ion 167.90 (167.60 to 168.60): VW
Ion 98.90 (98.60 to 99.60): VW

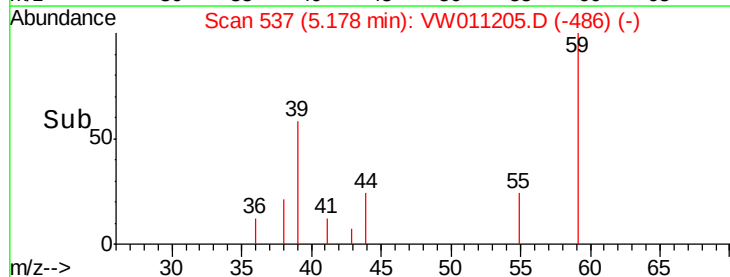
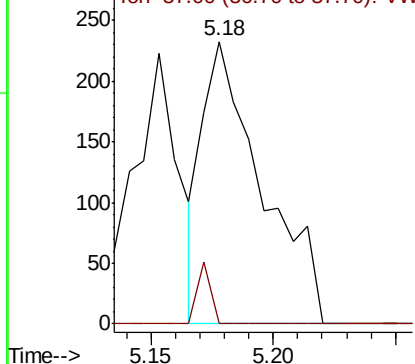


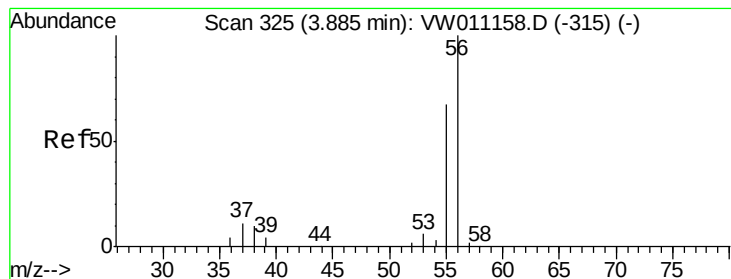
#11
Tert butyl alcohol
Concen: 2.258 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW011205.D
Acq: 10 Jul 2019 22:44

Tgt Ion: 59 Resp: 395
Ion Ratio Lower Upper
59 100
57 4.8 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.048 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.02 min

Lab File: VW011205.D

Acq: 10 Jul 2019 22:44

Instrument :

MSVOA_W

ClientSampleId :

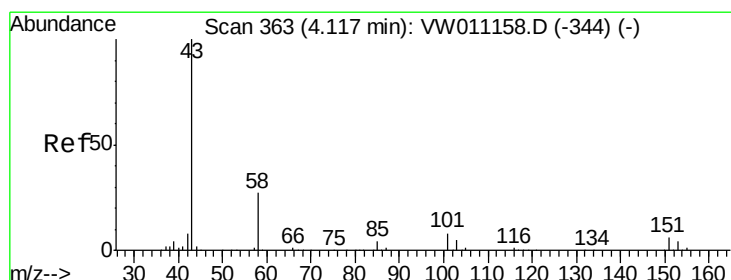
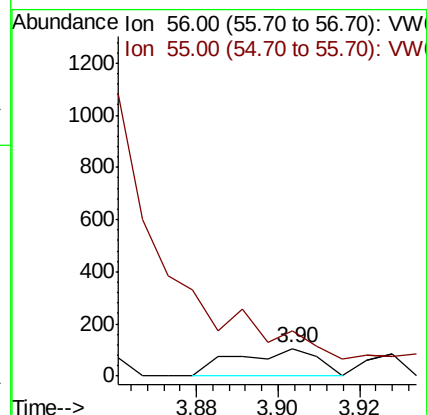
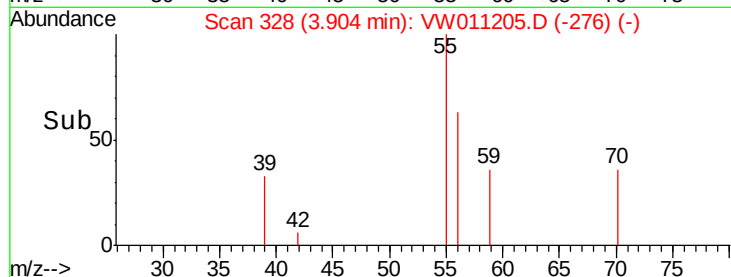
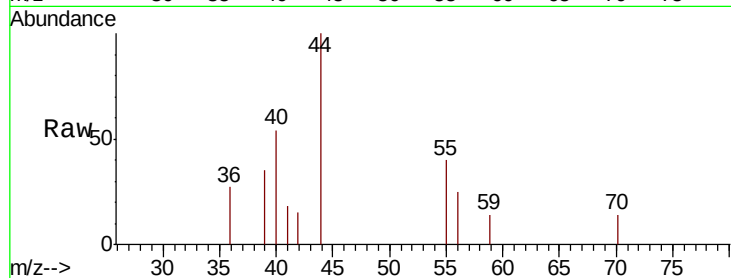
KY030LC051-SD-190709

Tot Ion: 56 Resp: 146

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



#16

Acetone

Concen: 25.037 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011205.D

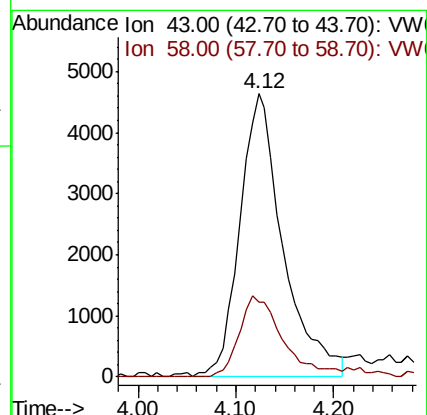
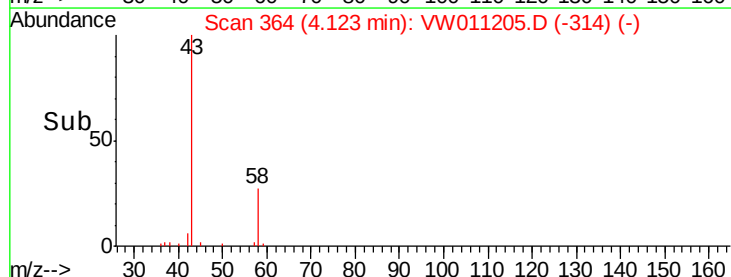
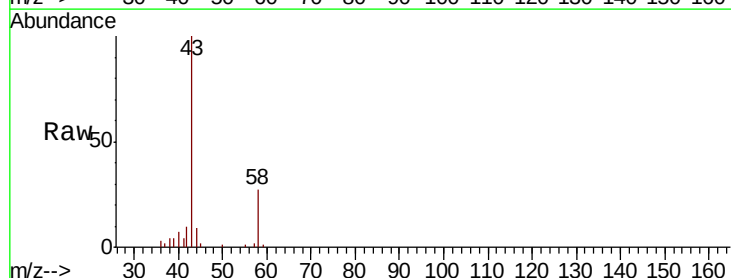
Acq: 10 Jul 2019 22:44

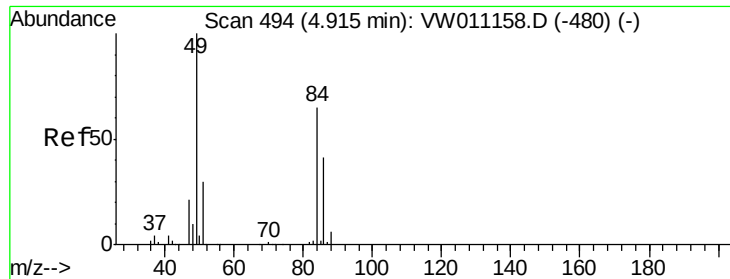
Tgt Ion: 43 Resp: 14236

Ion Ratio Lower Upper

43 100

58 26.6 21.8 32.6

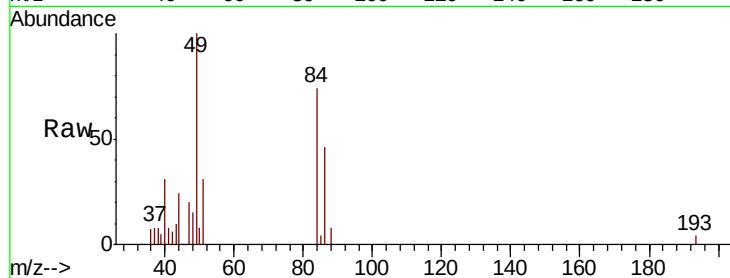




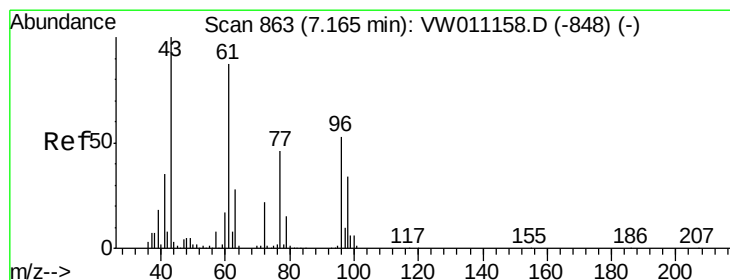
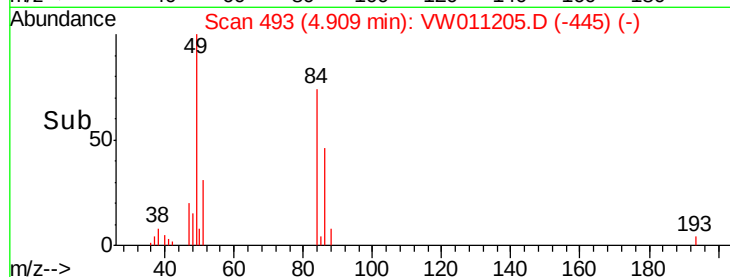
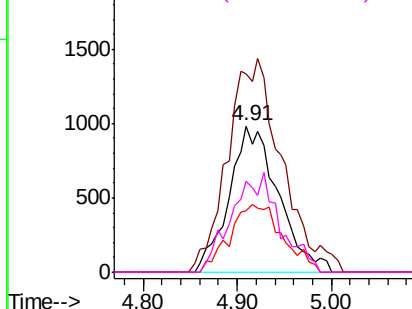
#20
Methylene Chloride
Concen: 1.592 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011205.D
Acq: 10 Jul 2019 22:44

Instrument :
MSVOA_W
ClientSampleId :
KY030LC051-SD-190709

Tot Ion: 84 Resp: 3570
Ion Ratio Lower Upper
84 100
49 135.3 123.8 185.6
51 41.8 37.4 56.2
86 61.8 51.1 76.7

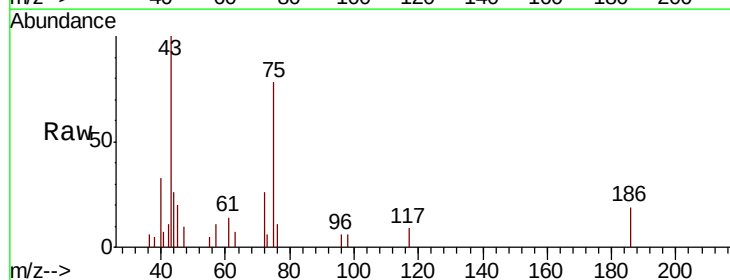


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

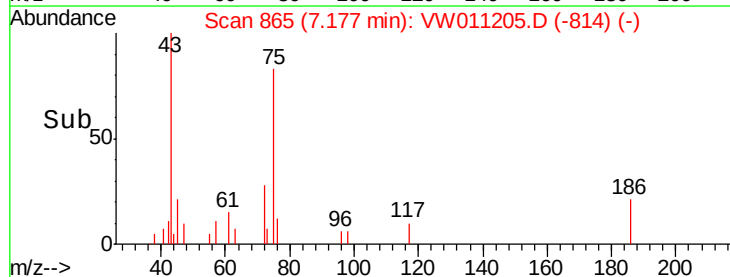
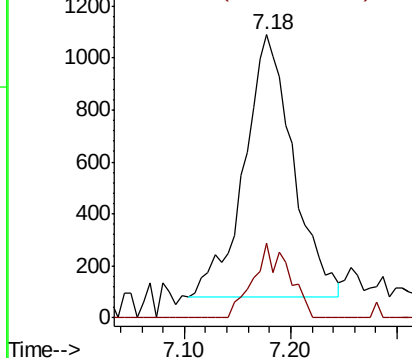


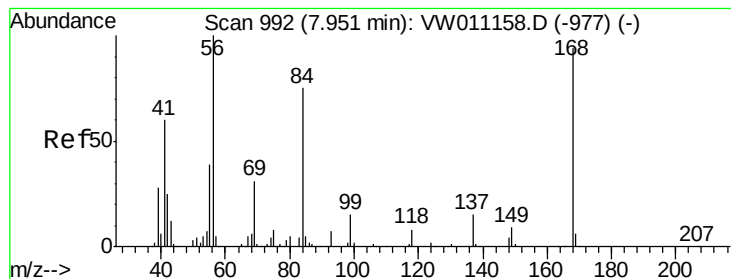
#25
2-Butanone
Concen: 3.618 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011205.D
Acq: 10 Jul 2019 22:44

Tgt Ion: 43 Resp: 3229
Ion Ratio Lower Upper
43 100
72 28.2 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.133 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011205.D

Acq: 10 Jul 2019 22:44

Instrument :

MSVOA_W

ClientSampleId :

KY030LC051-SD-190709

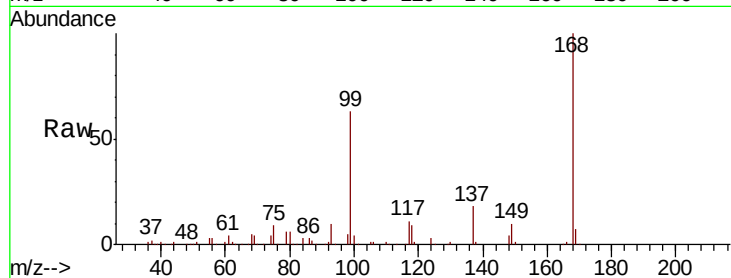
Tot Ion: 56 Resp: 5188

Ion Ratio Lower Upper

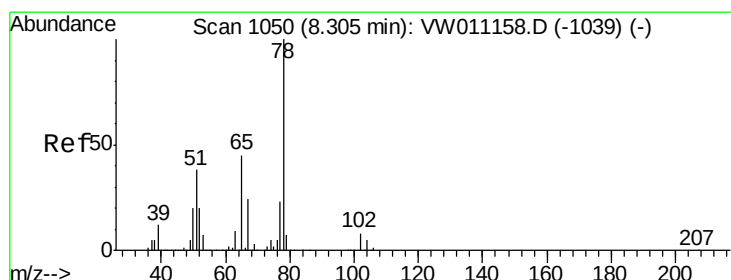
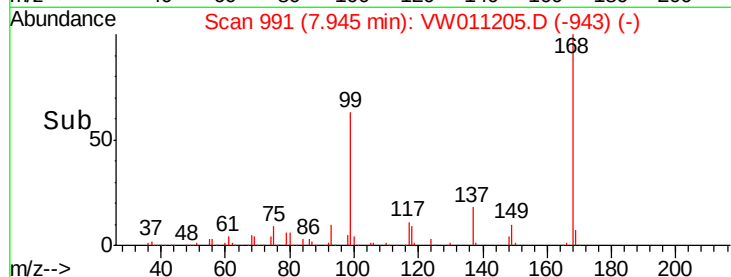
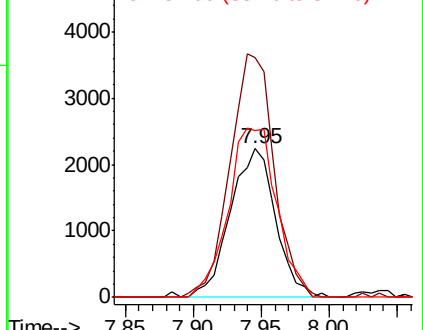
56 100

69 161.0 24.6 36.8#

84 112.6 60.1 90.1#



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: 55.487 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011205.D

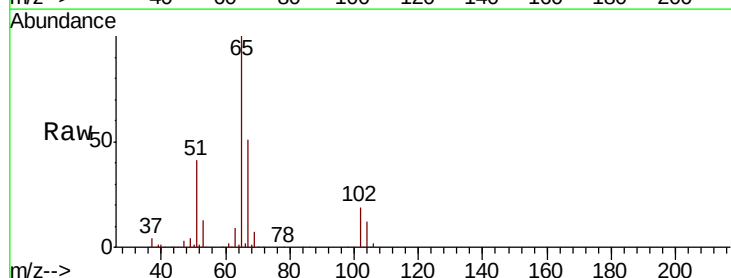
Acq: 10 Jul 2019 22:44

Tgt Ion: 65 Resp: 131125

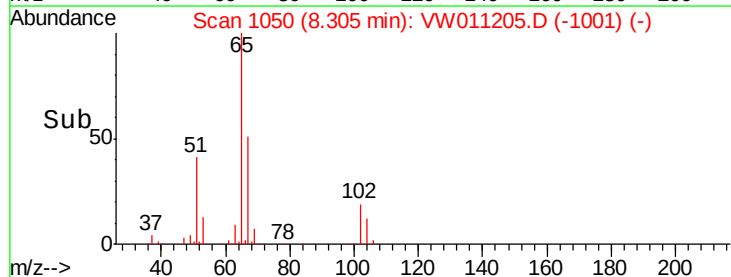
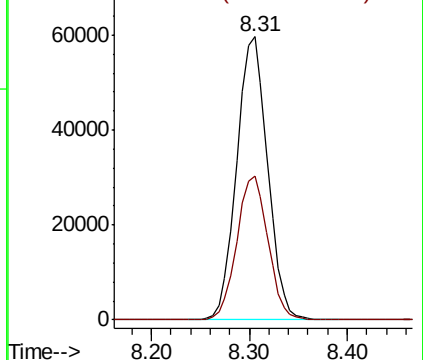
Ion Ratio Lower Upper

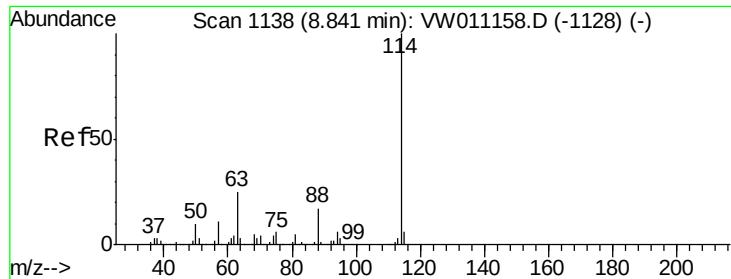
65 100

67 51.3 0.0 104.4



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

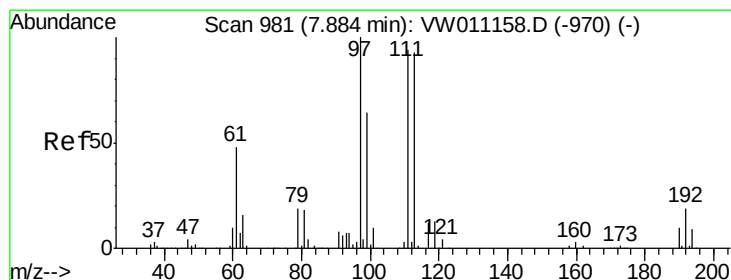
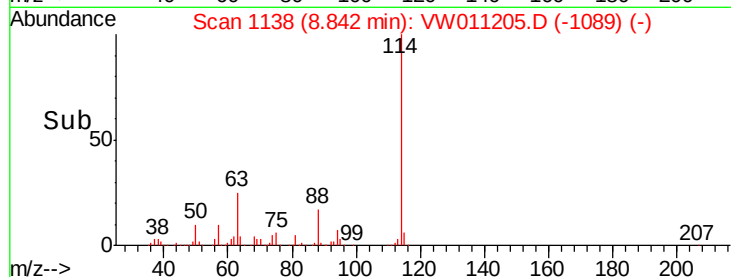
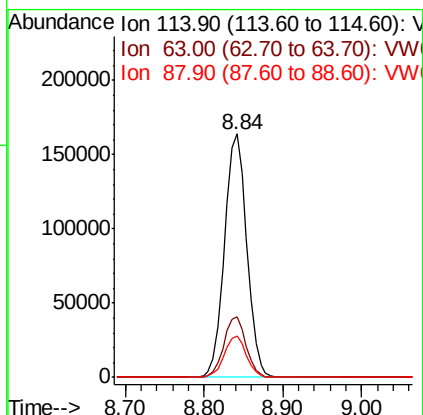
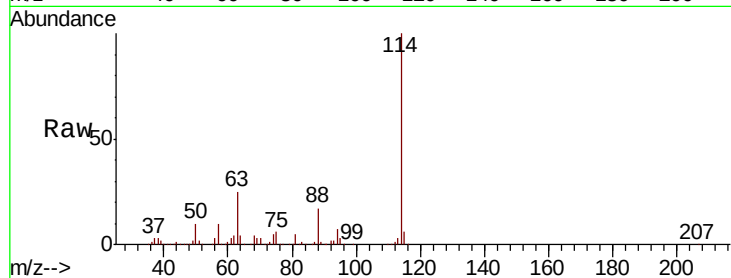




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011205.D
Acq: 10 Jul 2019 22:44

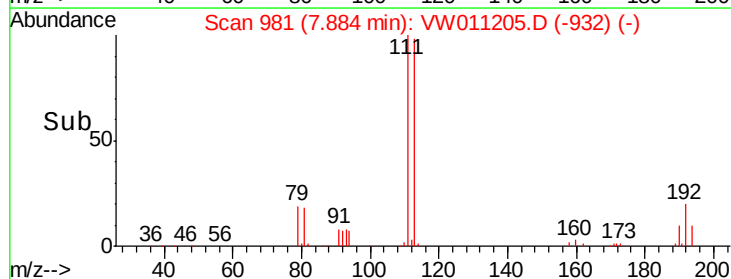
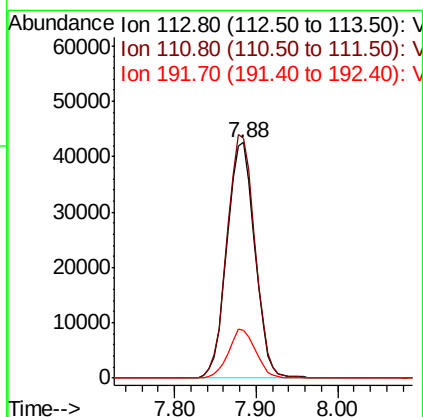
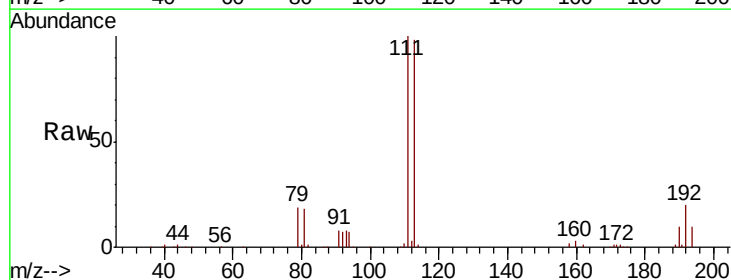
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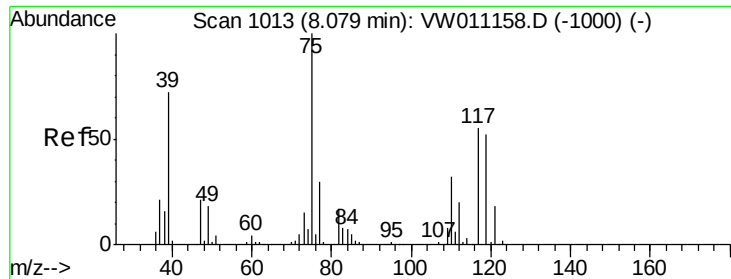
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	50.8
88	16.8	0.0	34.2



#35
Dibromofluoromethane
Concen: 52.049 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011205.D
Acq: 10 Jul 2019 22:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	20.0	15.8	23.8

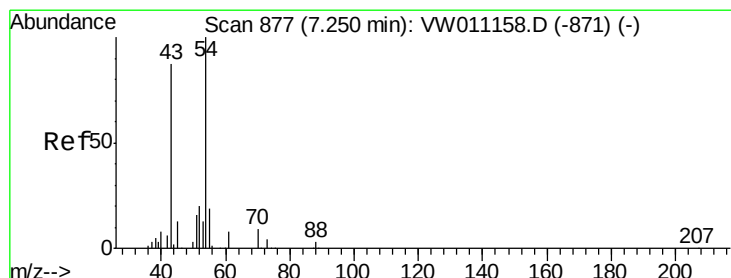
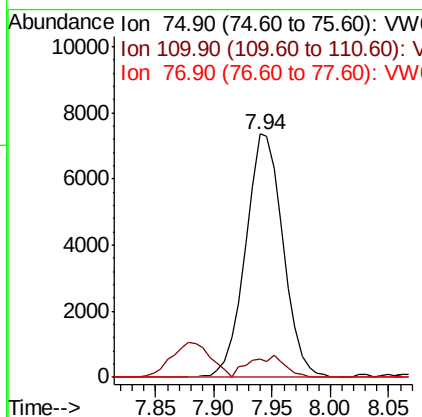
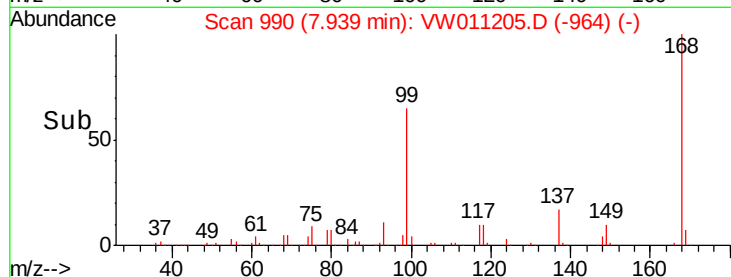
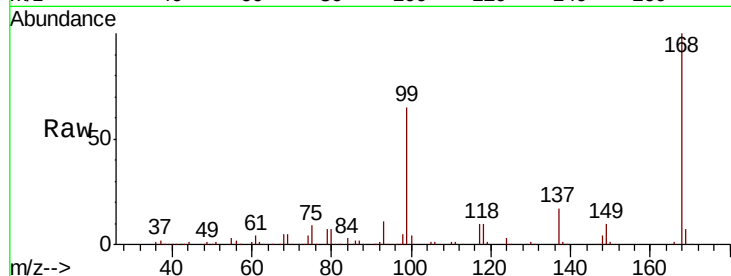




#36
 1,1-Dichloropropene
 Concen: 4.805 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011205.D
 Acq: 10 Jul 2019 22:44

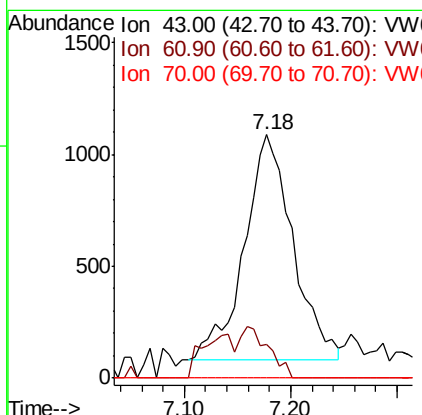
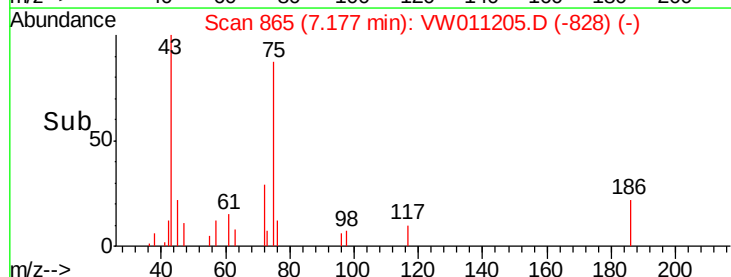
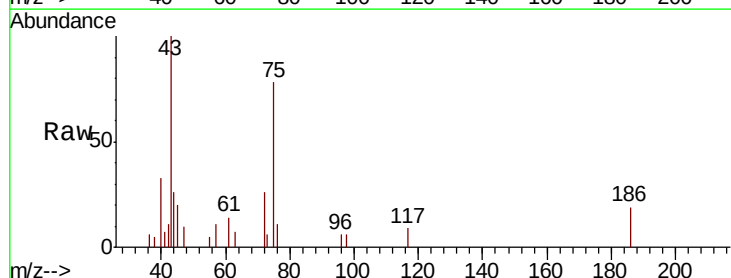
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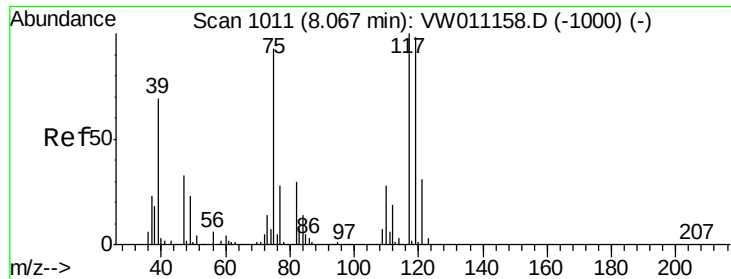
Tot Ion: 75 Resp: 16510
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.9 47.6#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 1.564 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW011205.D
 Acq: 10 Jul 2019 22:44

Tgt Ion: 43 Resp: 3229
 Ion Ratio Lower Upper
 43 100
 61 13.2 9.5 14.3
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 6.711 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011205.D

Acq: 10 Jul 2019 22:44

Instrument :

MSVOA_W

ClientSampleId :

KY030LC051-SD-190709

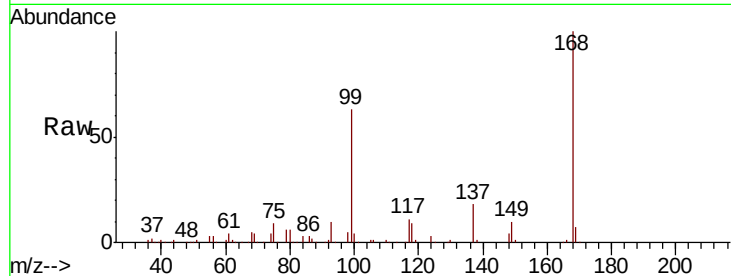
Tot Ion:117 Resp: 19546

Ion Ratio Lower Upper

117 100

119 4.6 78.1 117.1#

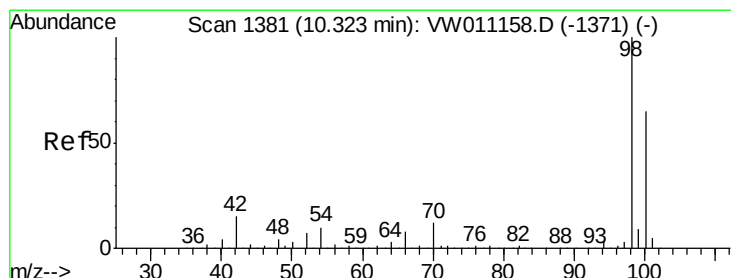
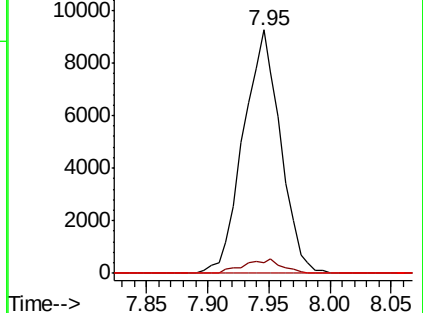
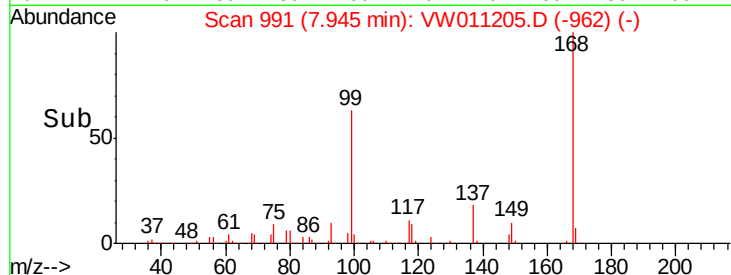
121 0.0 25.1 37.7#



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: 51.022 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011205.D

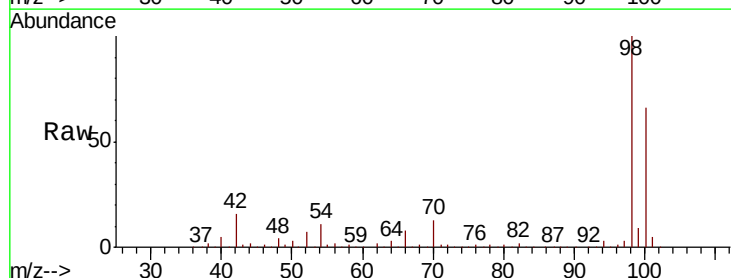
Acq: 10 Jul 2019 22:44

Tgt Ion: 98 Resp: 396596

Ion Ratio Lower Upper

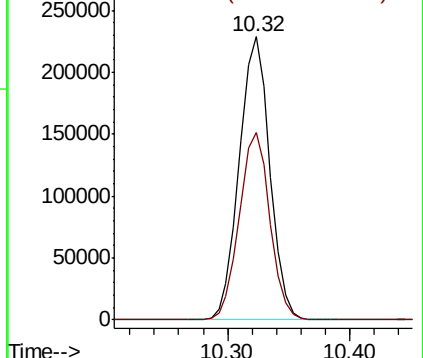
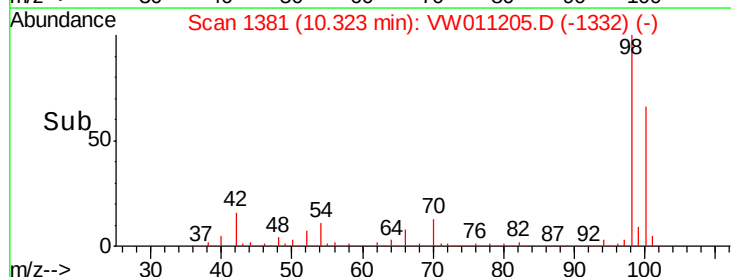
98 100

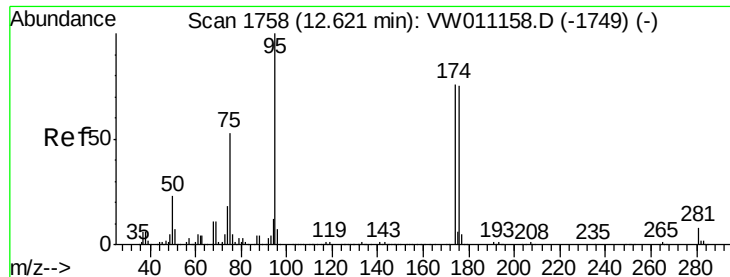
100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.801 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011205.D

Acq: 10 Jul 2019 22:44

Instrument :

MSVOA_W

ClientSampleId :

KY030LC051-SD-190709

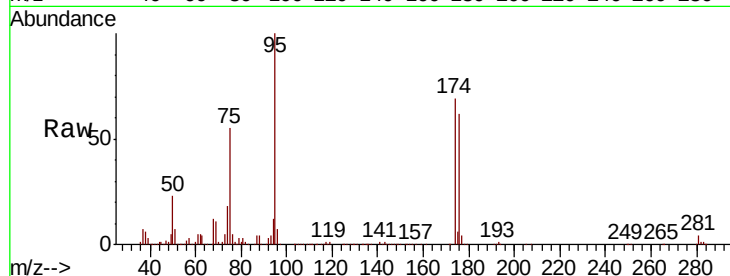
Tot Ion: 95 Resp: 133341

Ion Ratio Lower Upper

95 100

174 74.1 0.0 147.6

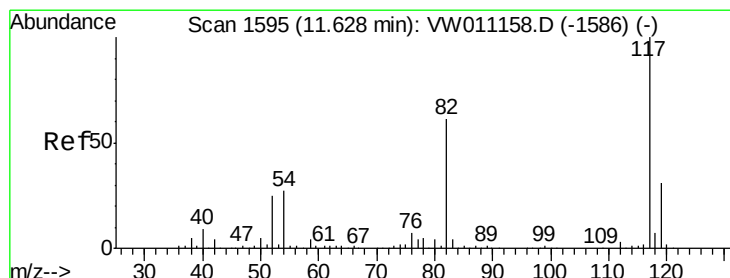
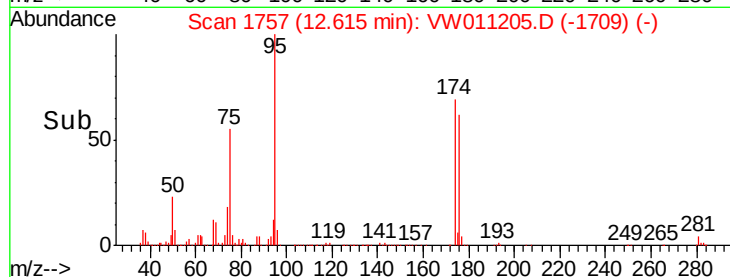
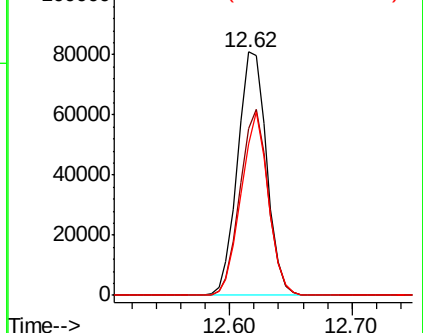
176 70.7 0.0 144.6



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. 0.01 min

Lab File: VW011205.D

Acq: 10 Jul 2019 22:44

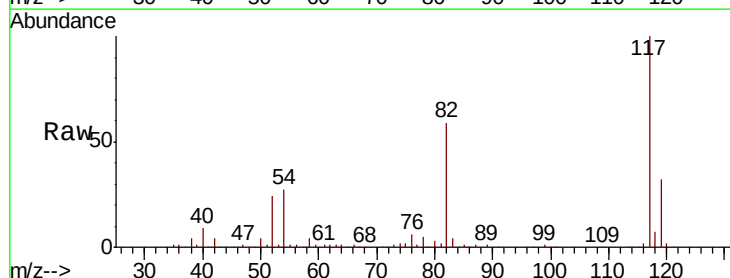
Tgt Ion: 117 Resp: 275782

Ion Ratio Lower Upper

117 100

82 58.6 48.9 73.3

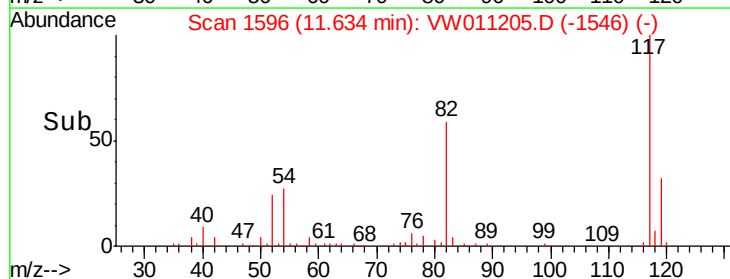
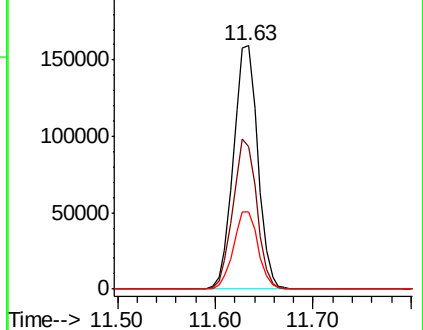
119 31.9 25.0 37.6

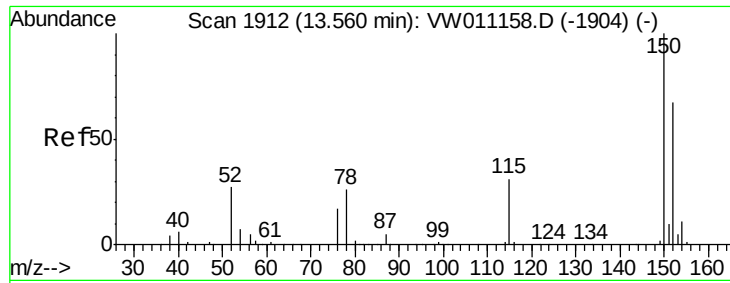


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011205.D

Acq: 10 Jul 2019 22:44

Instrument :

MSVOA_W

ClientSampleId :

KY030LC051-SD-190709

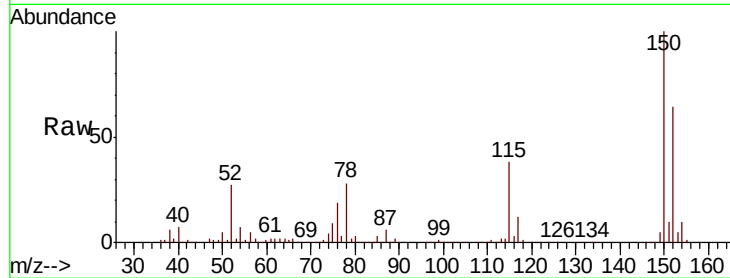
Tot Ion:152 Resp: 115718

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.3

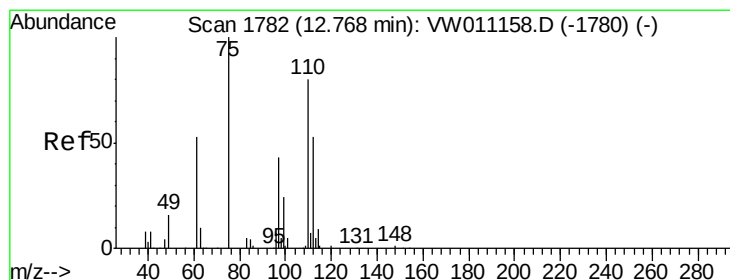
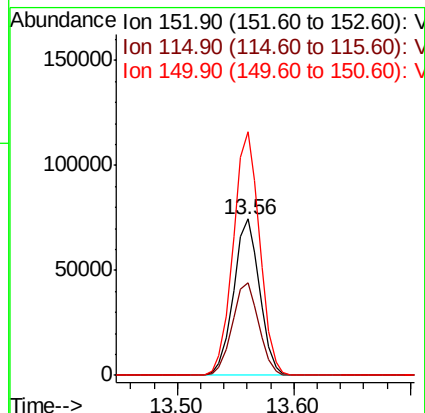
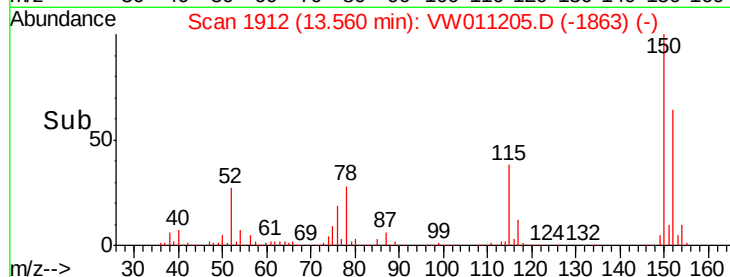
150 158.4 0.0 346.0



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: 54.669 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011205.D

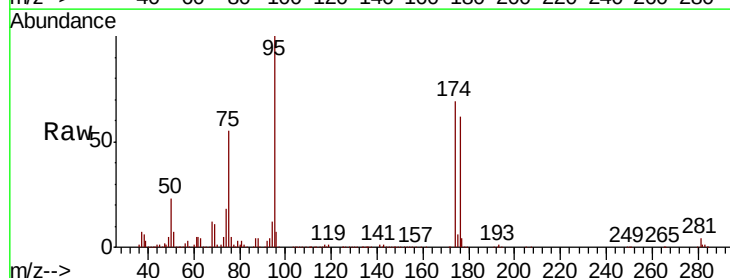
Acq: 10 Jul 2019 22:44

Tgt Ion: 75 Resp: 73107

Ion Ratio Lower Upper

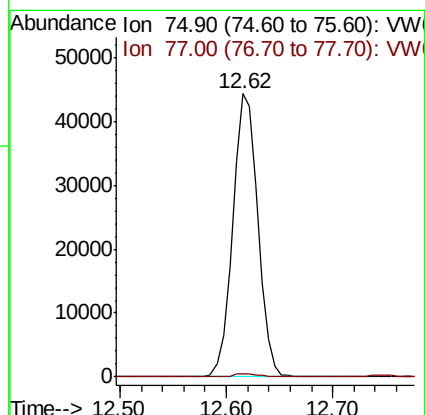
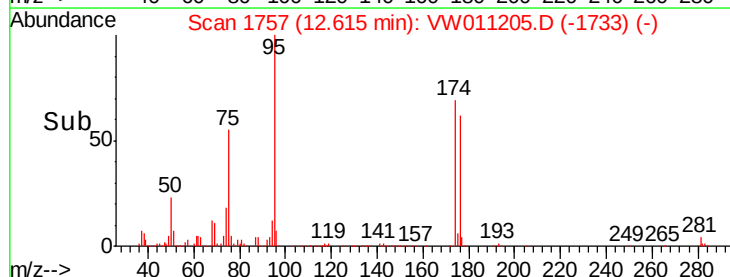
75 100

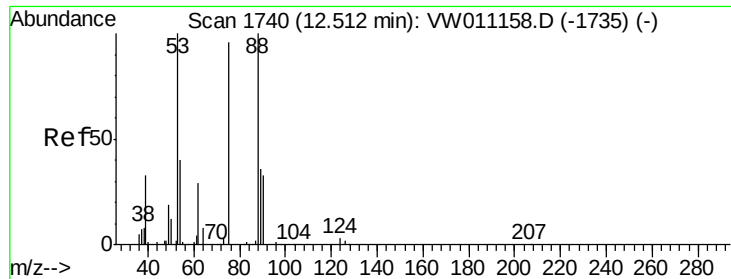
77 1.2 0.0 0.0#



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: 123.651 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011205.D

Acq: 10 Jul 2019 22:44

Instrument :

MSVOA_W

ClientSampleId :

KY030LC051-SD-190709

Tot Ion: 75 Resp: 73107

Ion Ratio Lower Upper

75 100

53 0.3 89.8 134.6#

89 0.0 34.3 51.5#

