

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014525.D
 Acq On : 06 Jan 2020 15:55
 Operator : SY/VA
 Sample : L1011-03RE
 Misc : 7.6.2G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-4-5-GRAB-B3

Quant Time: Jan 07 02:41:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	750923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1191987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	996638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	424620	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	369163	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
35) Dibromofluoromethane	7.88	113	356703	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.32	98	1371742	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.62	95	420482	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	

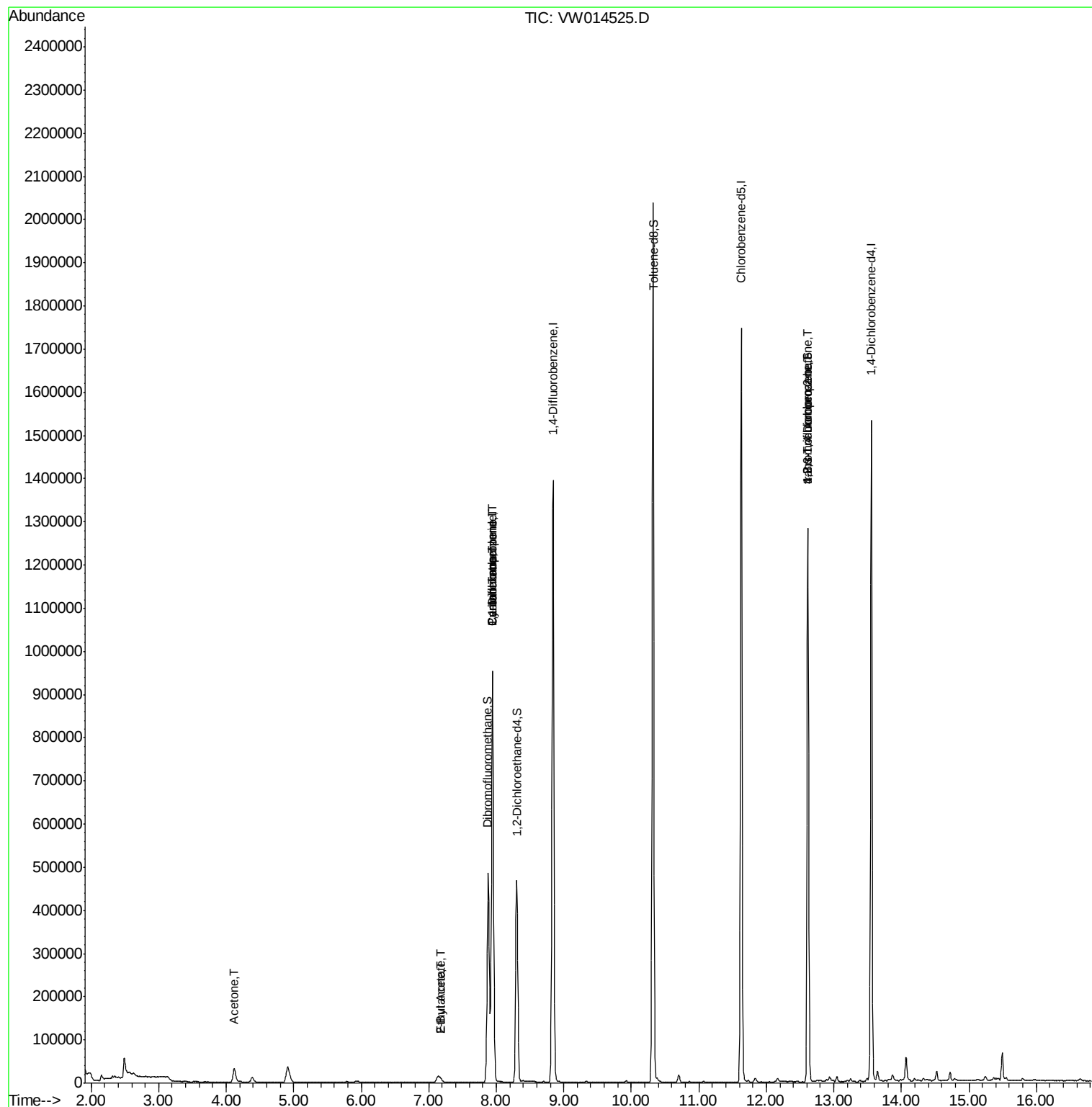
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.17	59	872	Below Cal	#	80
16) Acetone	4.11	43	59258	31.965	ug/l	90
20) Methylene Chloride	4.92	84	31035	Below Cal		93
25) 2-Butanone	7.18	43	12697	5.337	ug/l	97
31) Cyclohexane	7.95	56	14206	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	54021	4.701	ug/l #	49
37) Ethyl Acetate	7.18	43	12697	2.436	ug/l #	67
38) Carbon Tetrachloride	7.95	117	67588	6.780	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	202412	50.417	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	202412	112.332	ug/l #	14

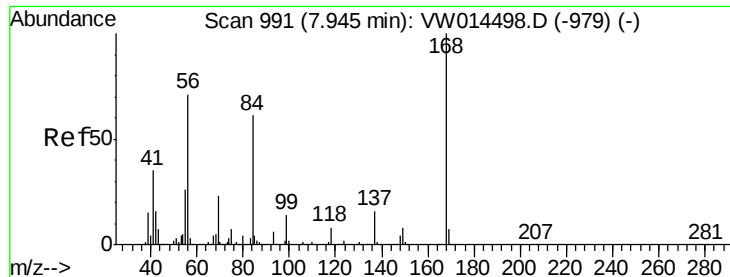
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

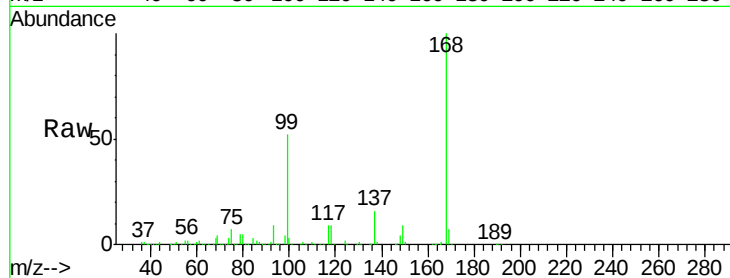
MC-010220-4-5-GRAB-B3

Tgt Ion:168 Resp: 750923

Ion Ratio Lower Upper

168 100

99 52.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

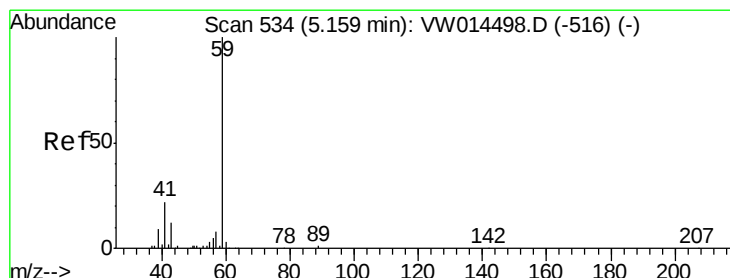
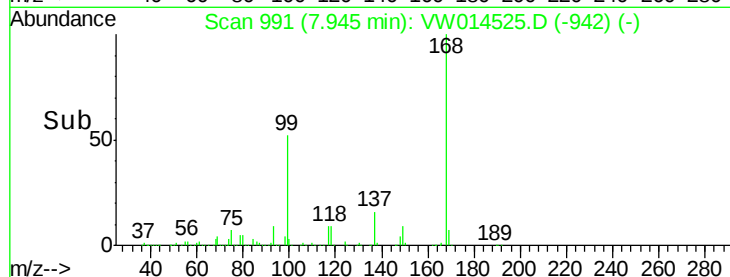
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014525.D

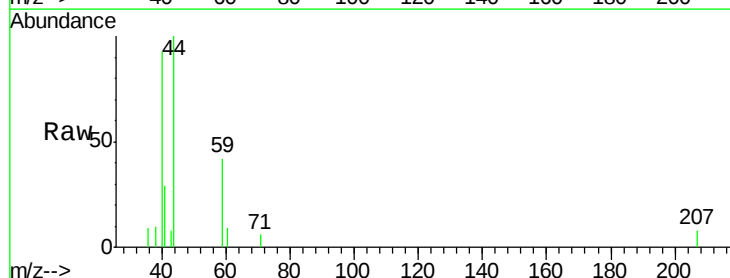
Acq: 06 Jan 2020 15:55

Tgt Ion: 59 Resp: 872

Ion Ratio Lower Upper

59 100

57 2.4 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

400

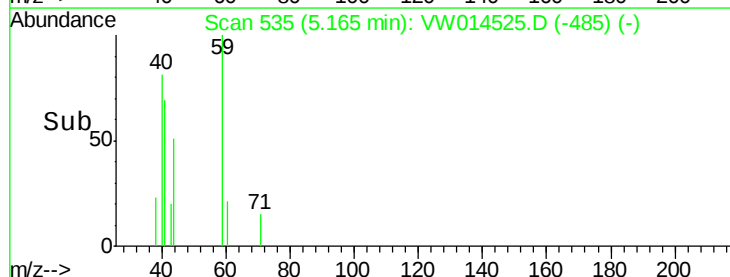
300

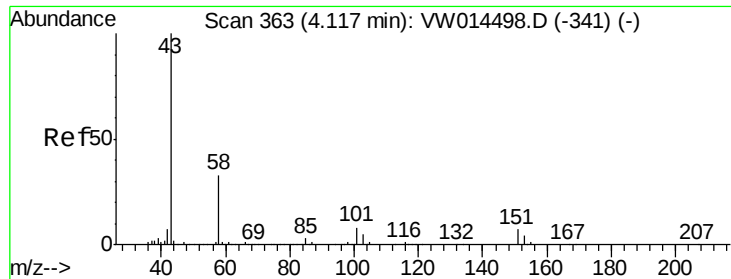
200

100

0

Time-->





#16

Acetone

Concen: 31.965 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

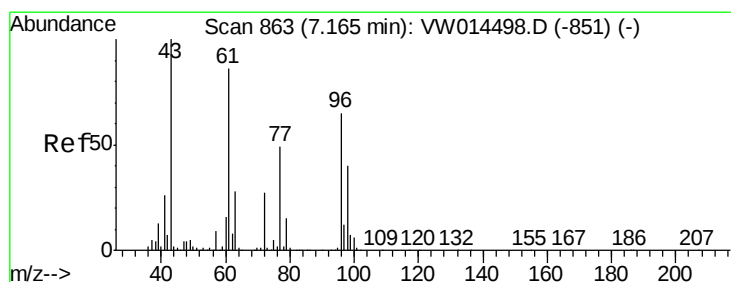
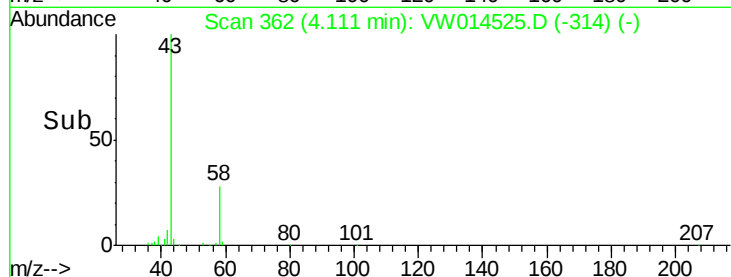
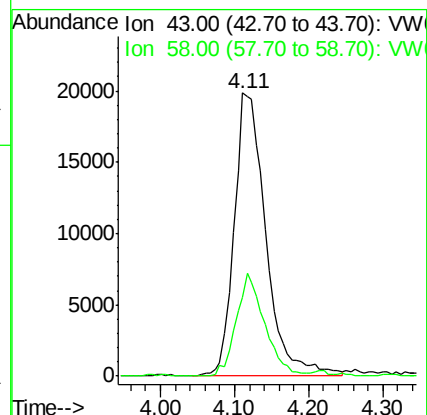
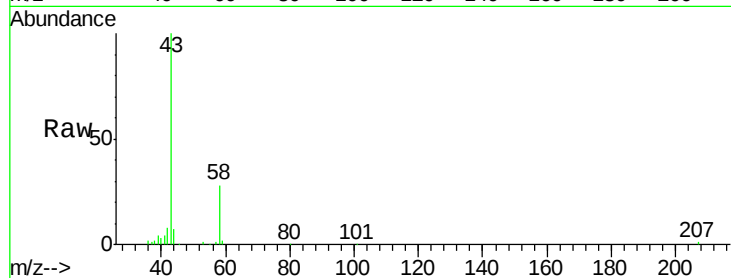
MC-010220-4-5-GRAB-B3

Tgt Ion: 43 Resp: 59258

Ion Ratio Lower Upper

43 100

58 27.7 26.6 39.8



#25

2-Butanone

Concen: 5.337 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW014525.D

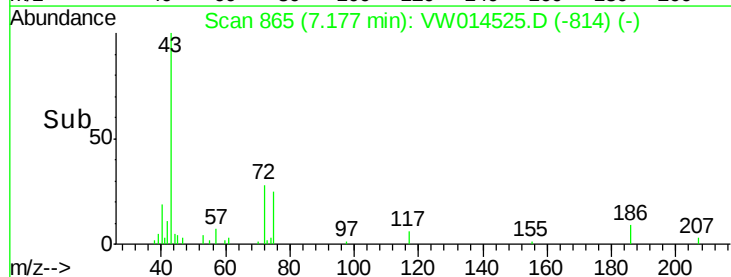
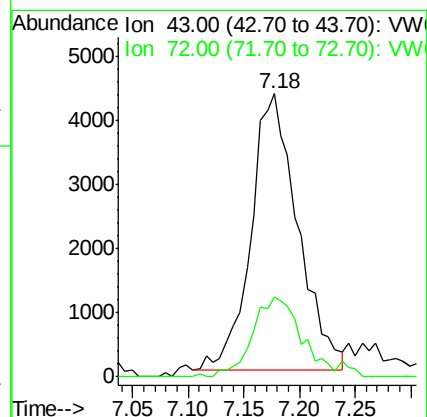
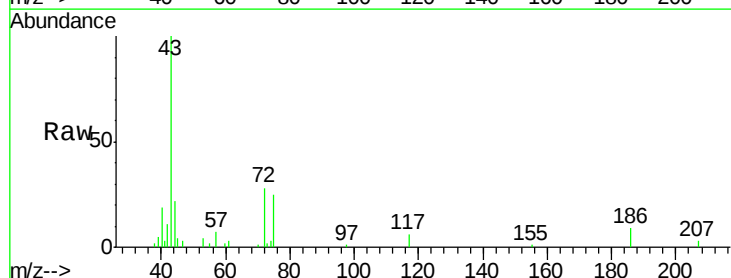
Acq: 06 Jan 2020 15:55

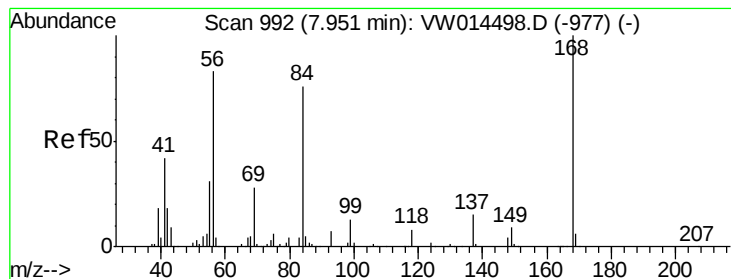
Tgt Ion: 43 Resp: 12697

Ion Ratio Lower Upper

43 100

72 28.7 21.9 32.9





#31

Cyclohexane

Concen: 1.014 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

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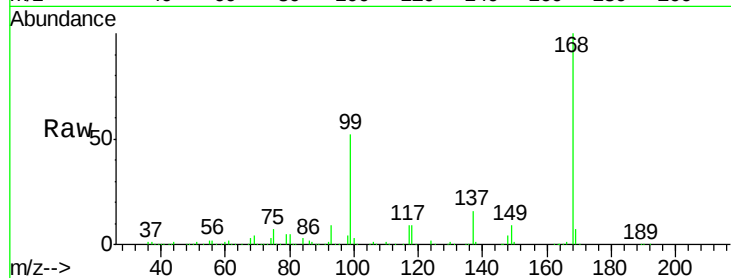
Tgt Ion: 56 Resp: 14206

Ion Ratio Lower Upper

56 100

69 200.6 26.8 40.2#

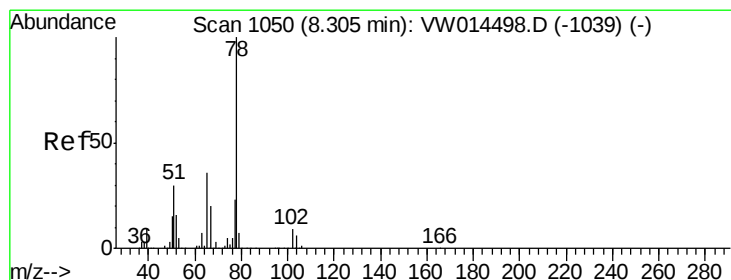
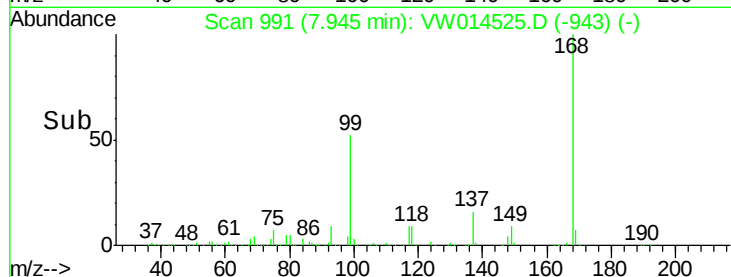
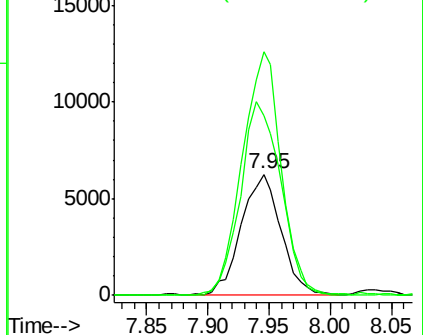
84 148.3 71.8 107.6#



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: 56.228 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014525.D

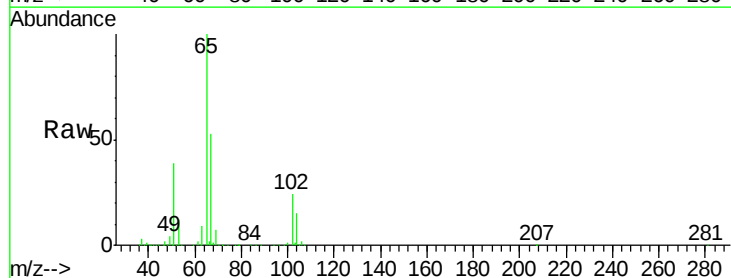
Acq: 06 Jan 2020 15:55

Tgt Ion: 65 Resp: 369163

Ion Ratio Lower Upper

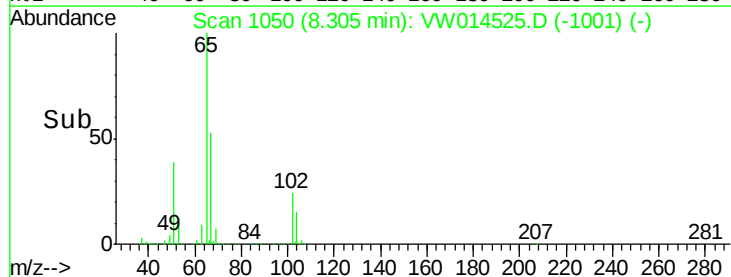
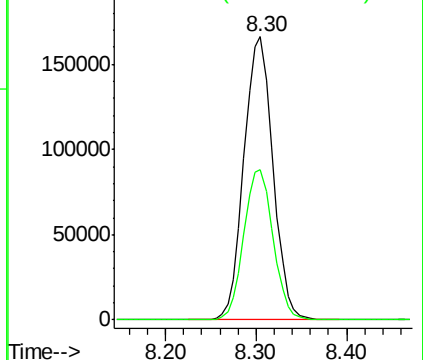
65 100

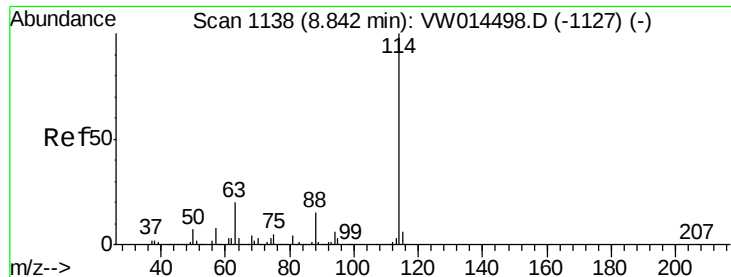
67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

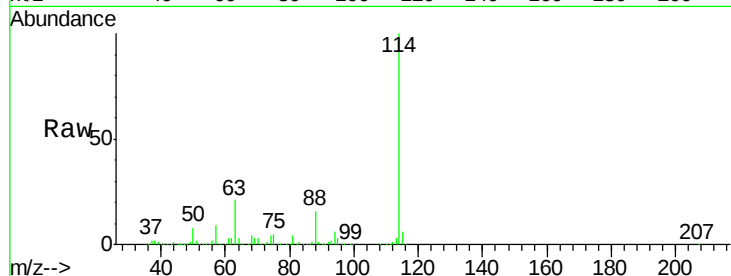




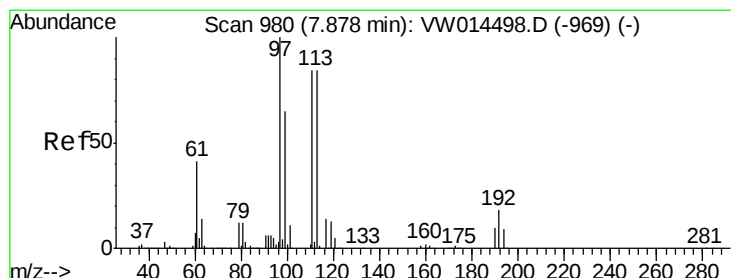
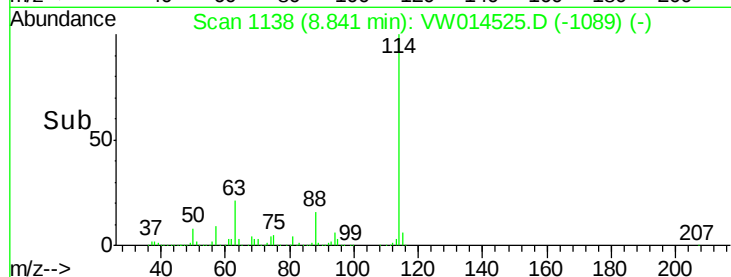
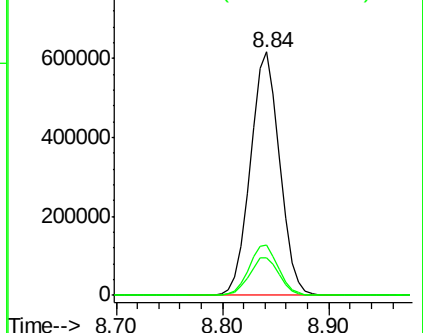
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014525.D
 Acq: 06 Jan 2020 15:55

Instrument :
 MSVOA_W
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 MC-010220-4-5-GRAB-B3

Tgt Ion:114 Resp: 1191987
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.4
 88 15.7 0.0 30.6

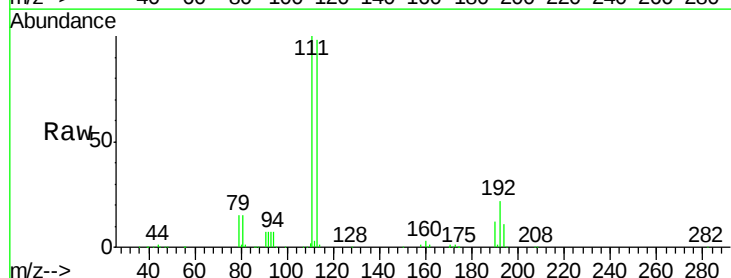


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VV
 Ion 87.90 (87.60 to 88.60): VV

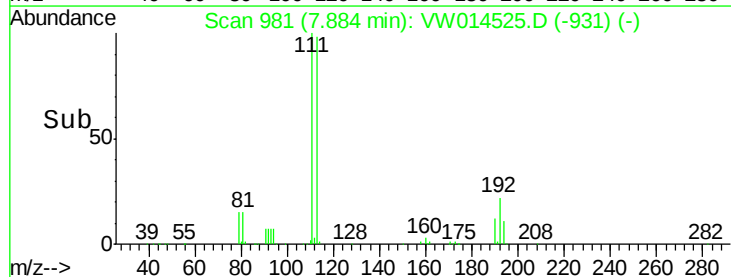
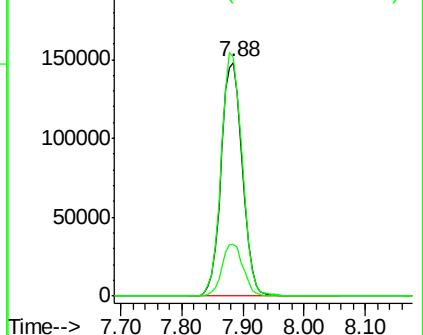


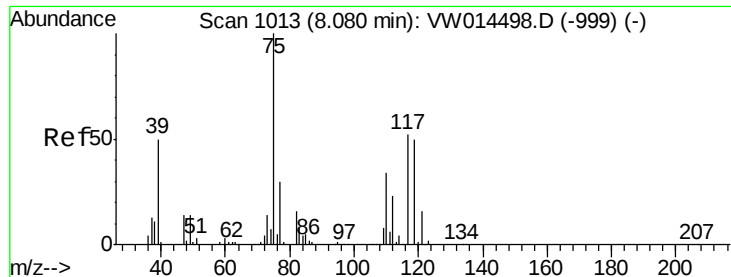
#35
 Dibromofluoromethane
 Concen: 52.361 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014525.D
 Acq: 06 Jan 2020 15:55

Tgt Ion:113 Resp: 356703
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 22.3 17.8 26.8



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

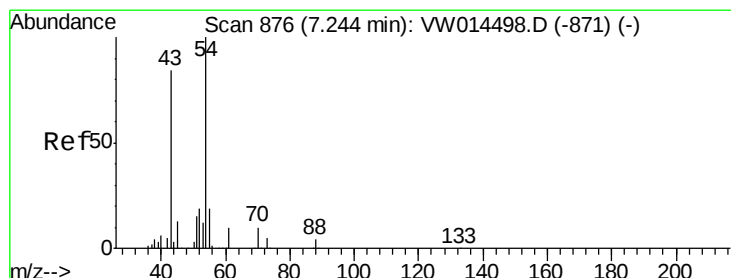
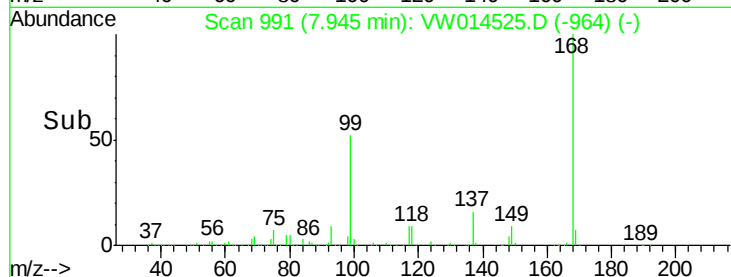
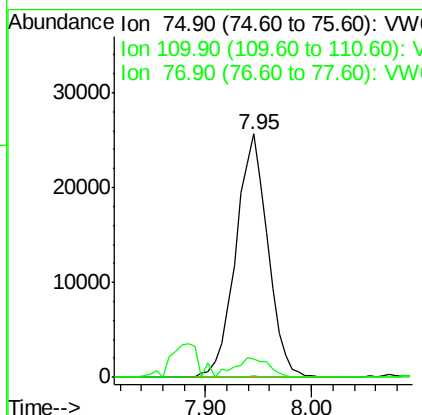
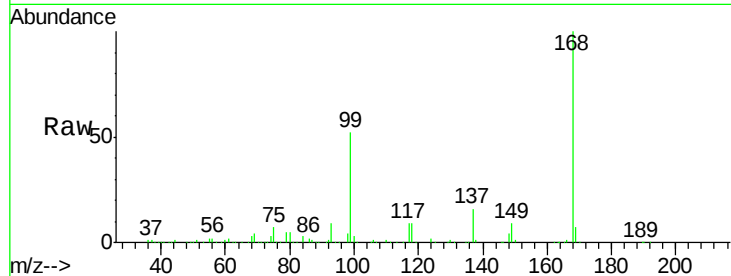




#36
 1,1-Dichloropropene
 Concen: 4.701 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014525.D
 Acq: 06 Jan 2020 15:55

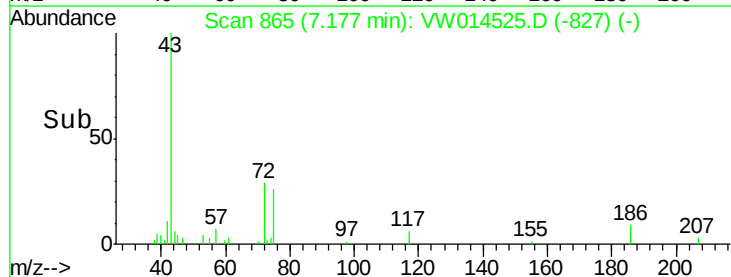
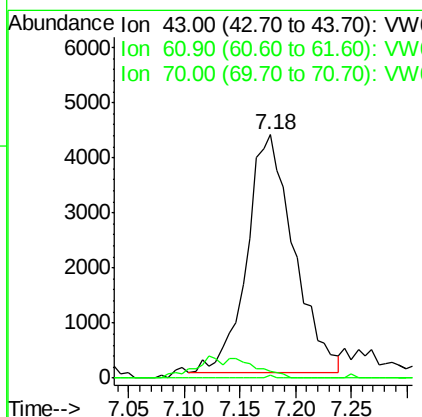
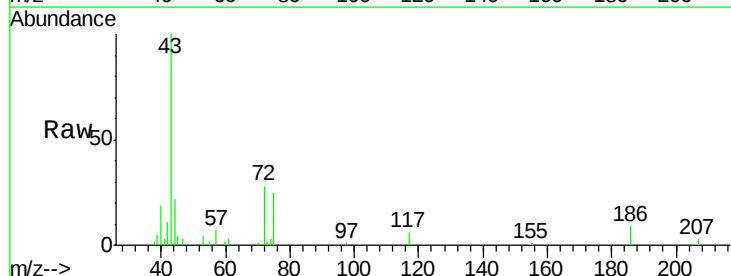
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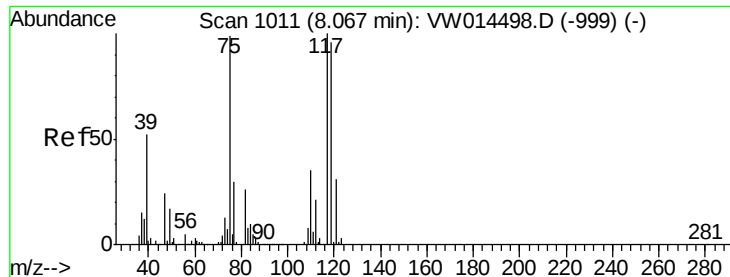
Tgt Ion: 75 Resp: 54021
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.8 53.5#
 77 0.2 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 2.436 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW014525.D
 Acq: 06 Jan 2020 15:55

Tgt Ion: 43 Resp: 12697
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 0.1 9.0 13.6#

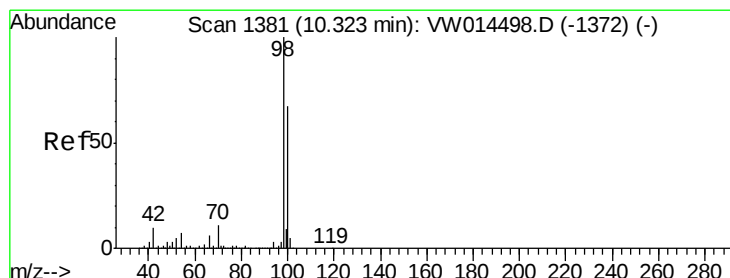
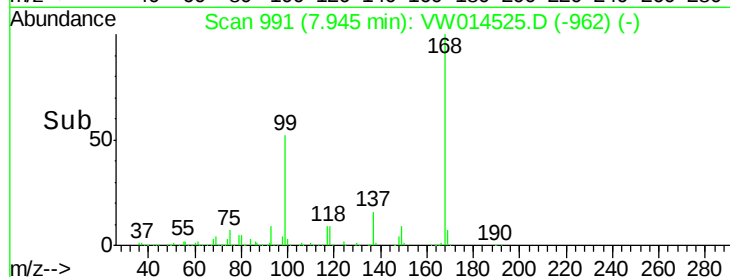
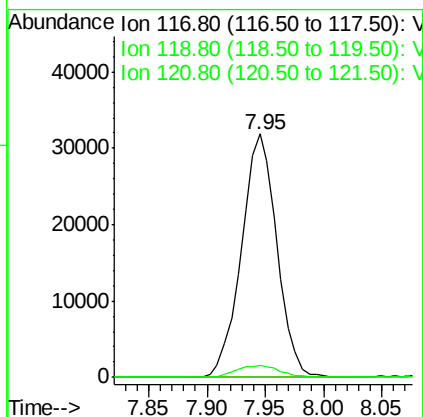
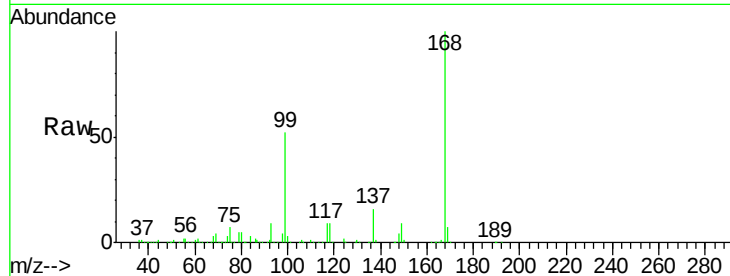




#38
Carbon Tetrachloride
Concen: 6.780 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014525.D
Acq: 06 Jan 2020 15:55

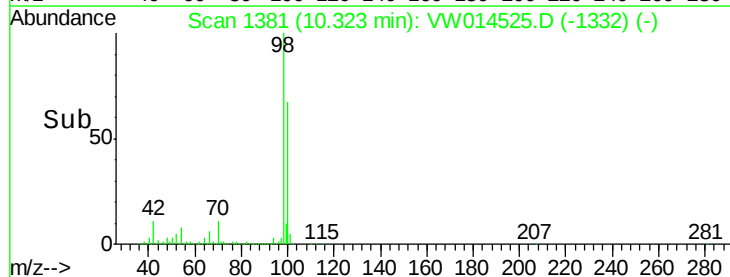
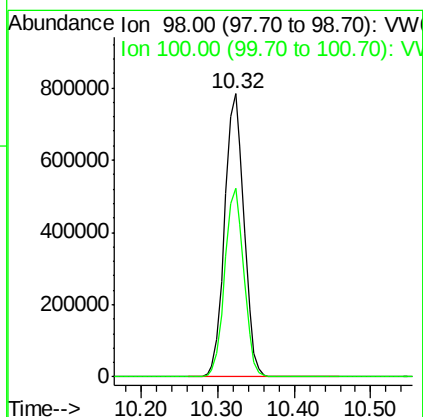
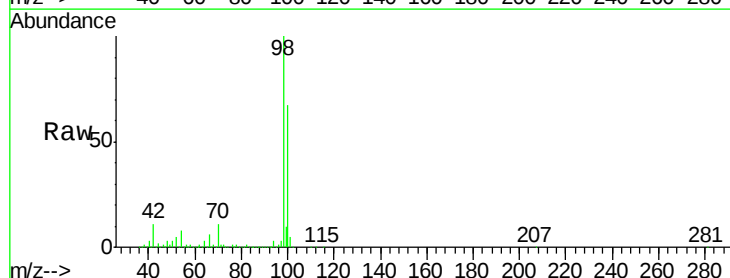
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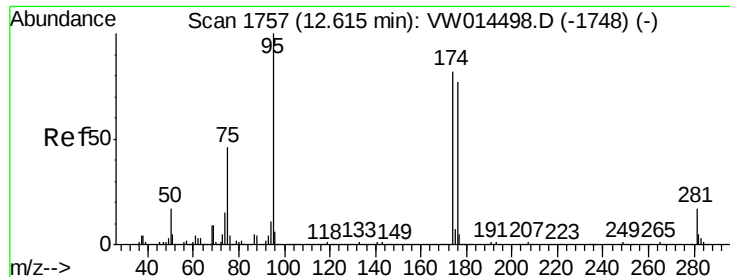
Tgt Ion:117 Resp: 67588
Ion Ratio Lower Upper
117 100
119 4.7 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 48.250 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014525.D
Acq: 06 Jan 2020 15:55

Tgt Ion: 98 Resp: 1371742
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6

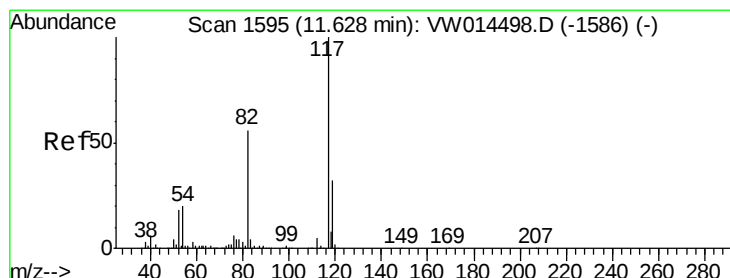
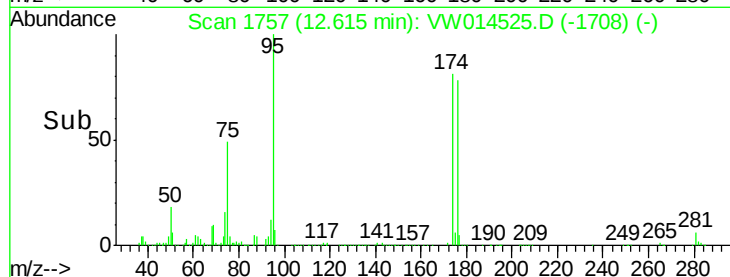
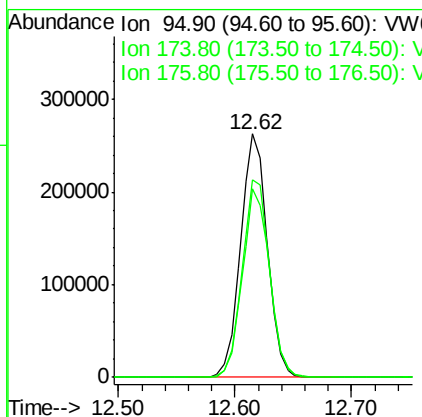
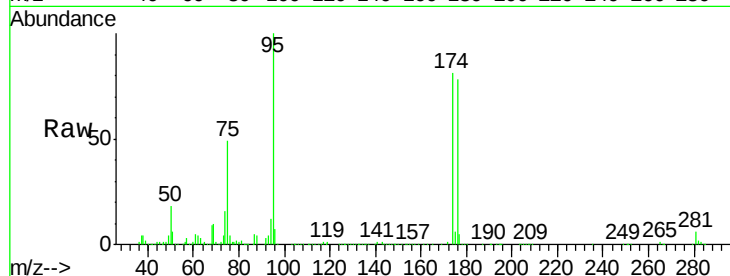




#62
4-Bromofluorobenzene
Concen: 43.605 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014525.D
Acq: 06 Jan 2020 15:55

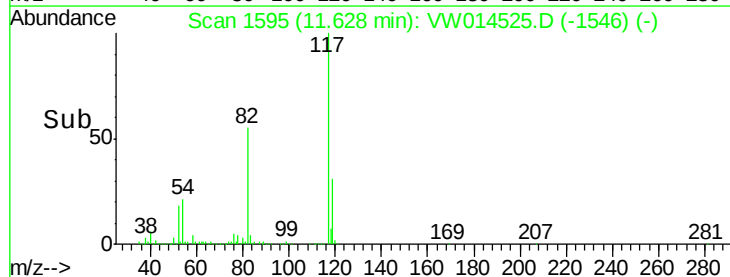
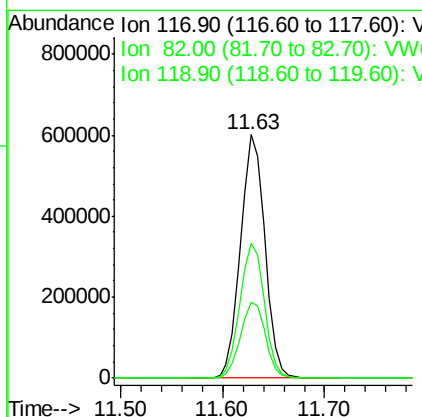
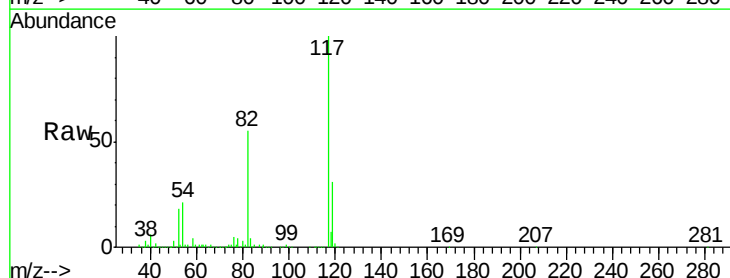
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MC-010220-4-5-GRAB-B3

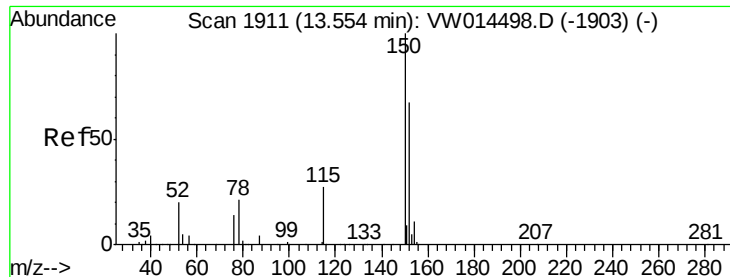
Tgt Ion: 95 Resp: 420482
Ion Ratio Lower Upper
95 100
174 83.1 0.0 168.6
176 78.6 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014525.D
Acq: 06 Jan 2020 15:55

Tgt Ion: 117 Resp: 996638
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 31.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-4-5-GRAB-B3

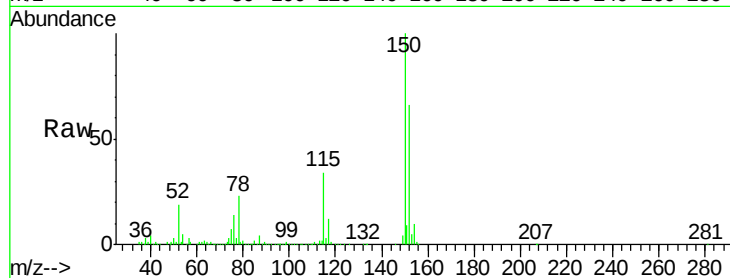
Tgt Ion: 152 Resp: 424620

Ion Ratio Lower Upper

152 100

115 55.9 27.7 83.1

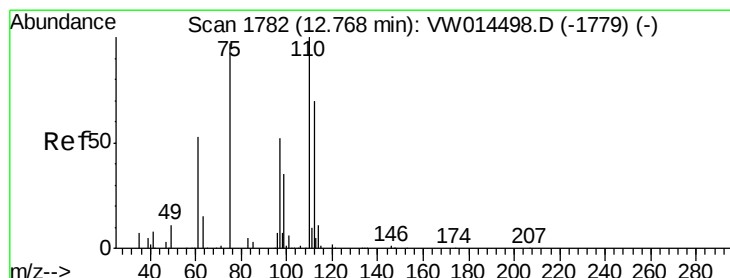
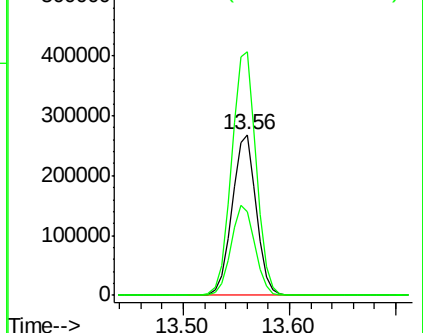
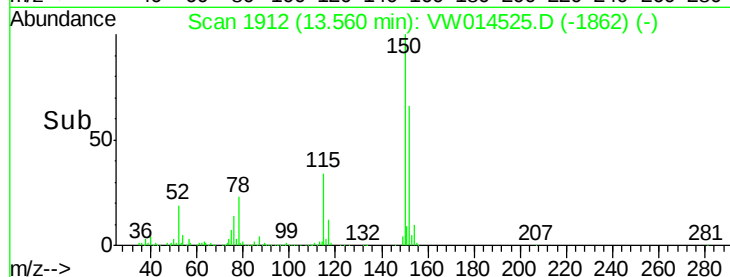
150 154.6 0.0 343.4



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: 50.417 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014525.D

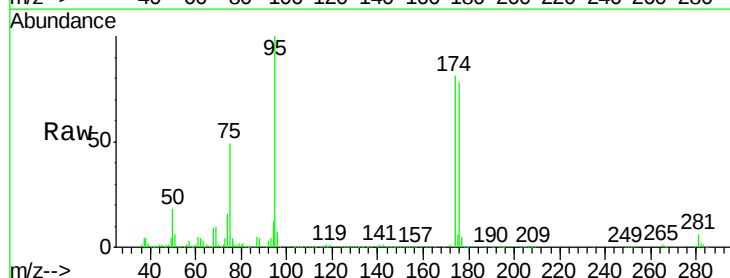
Acq: 06 Jan 2020 15:55

Tgt Ion: 75 Resp: 202412

Ion Ratio Lower Upper

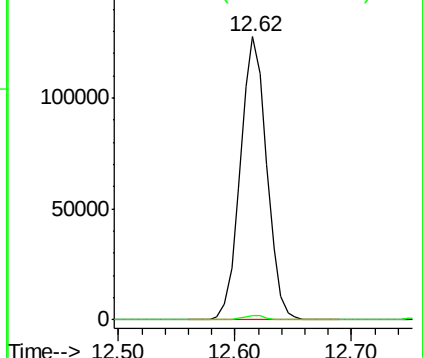
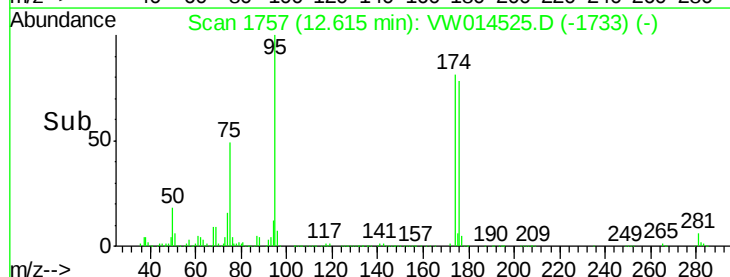
75 100

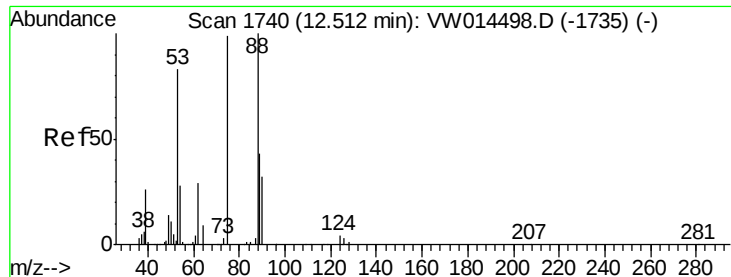
77 1.5 0.0 0.0#



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: 112.332 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014525.D

Acq: 06 Jan 2020 15:55

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-4-5-GRAB-B3

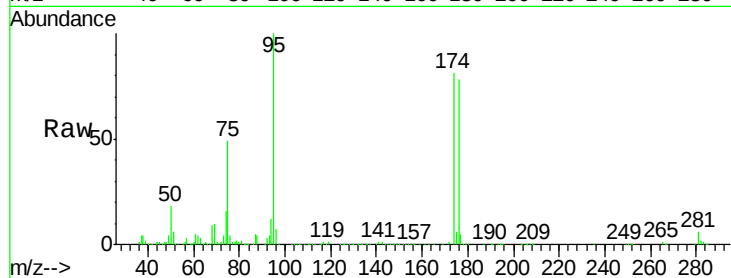
Tgt Ion: 75 Resp: 202412

Ion Ratio Lower Upper

75 100

53 0.2 70.9 106.3#

89 0.0 35.8 53.8#



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

