

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012220\
 Data File : VW014715.D
 Acq On : 22 Jan 2020 16:10
 Operator : SY/VA
 Sample : L1004-10RE
 Misc : 4.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-02-101720

Quant Time: Jan 22 16:36:34 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	633890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1018785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	873439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	390775	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	289114	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.88	113	285143	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	10.32	98	1114472	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
62) 4-Bromofluorobenzene	12.62	95	356771	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	

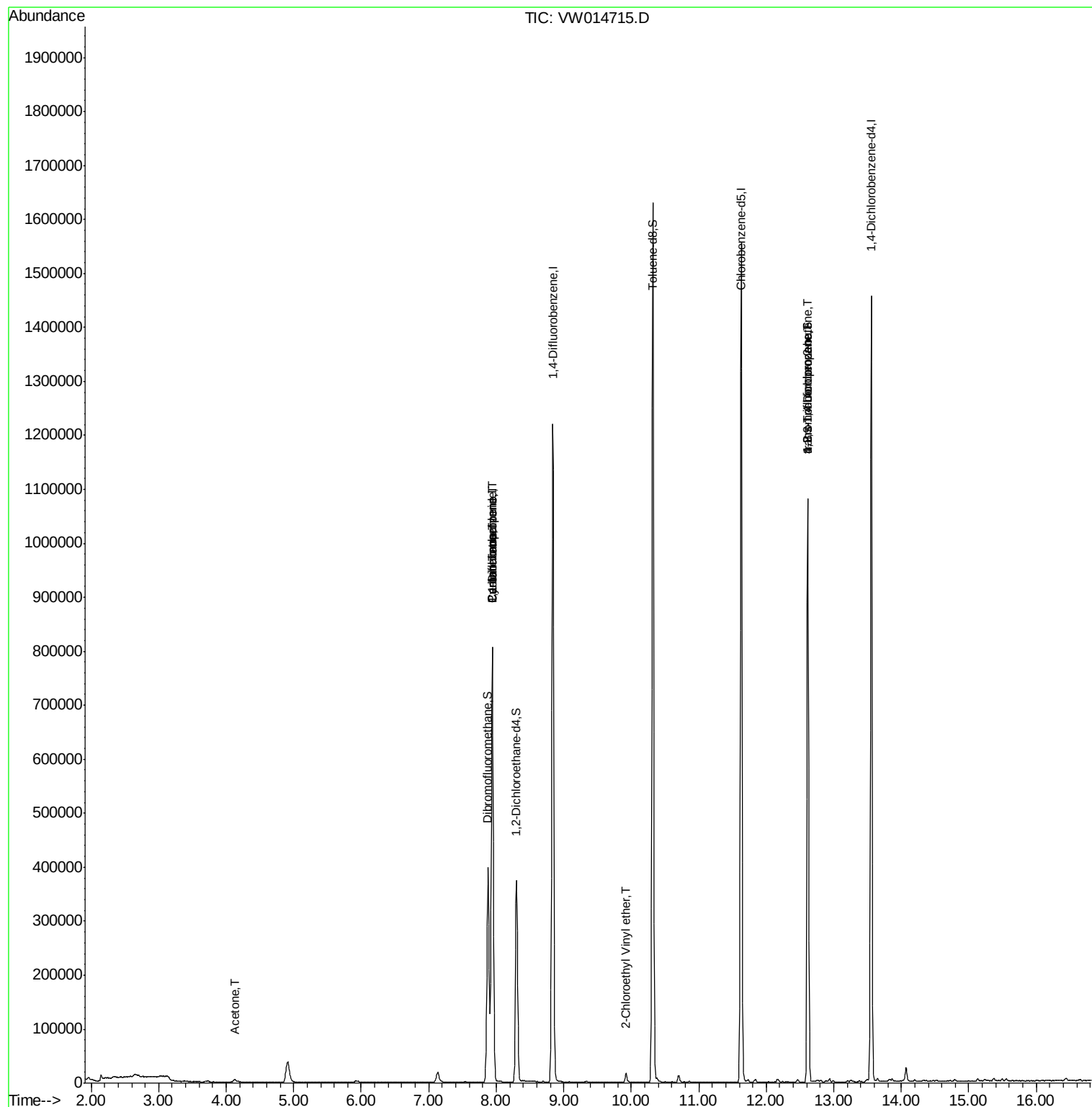
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	128	Below Cal	#	73
16) Acetone	4.12	43	10485	6.70	ug/l	99
31) Cyclohexane	7.93	56	11923	1.01	ug/l	# 1
36) 1,1-Dichloropropene	7.94	75	46426	4.73	ug/l	# 50
38) Carbon Tetrachloride	7.94	117	60256	7.07	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	9.92	63	8030	4.13	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	170786	46.22	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	170786	102.99	ug/l	# 14

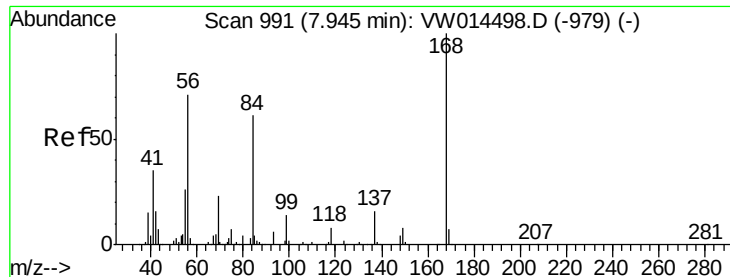
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012220\
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Quant Time: Jan 22 16:36:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014715.D

Acq: 22 Jan 2020 16:10

Instrument :

MSVOA_W

ClientSampleId :

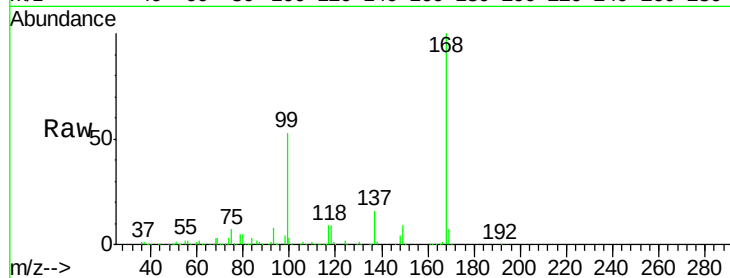
BU-02-101720

Tgt Ion:168 Resp: 633890

Ion Ratio Lower Upper

168 100

99 52.7 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

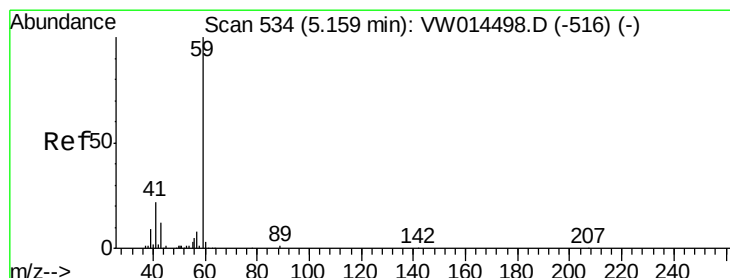
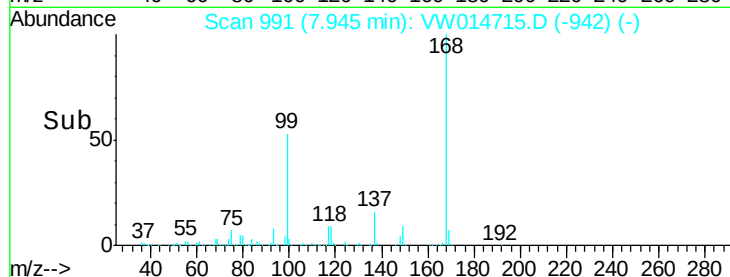
200000

100000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014715.D

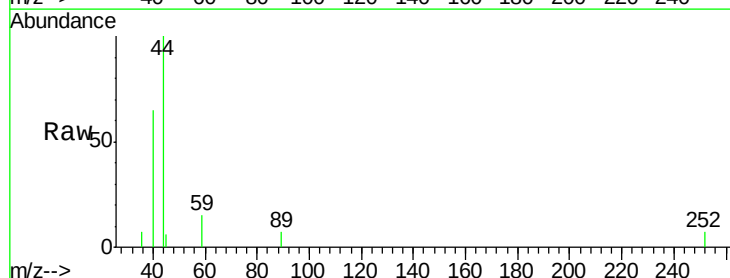
Acq: 22 Jan 2020 16:10

Tgt Ion: 59 Resp: 128

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

150

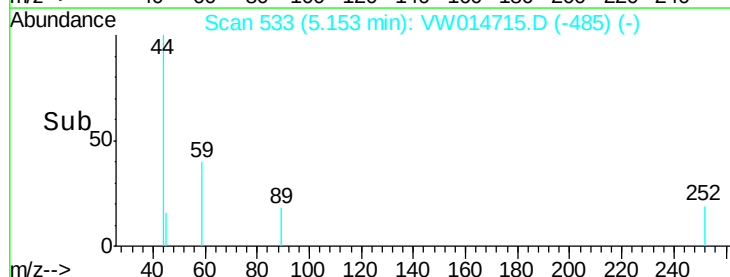
100

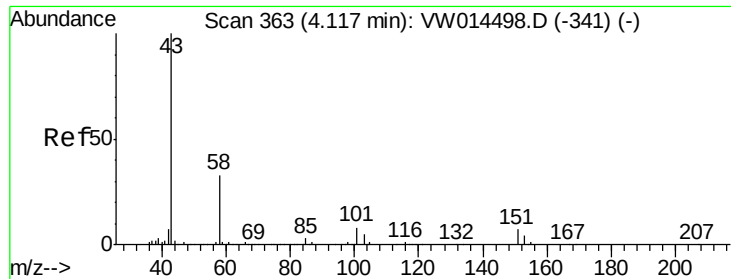
50

0

5.12 5.14 5.16 5.18

Time-->





#16

Acetone

Concen: 6.70 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014715.D

Acq: 22 Jan 2020 16:10

Instrument :

MSVOA_W

ClientSampleId :

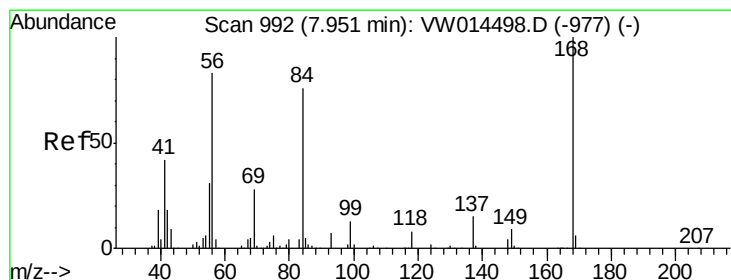
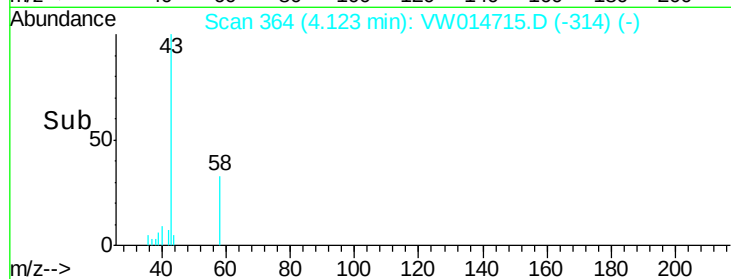
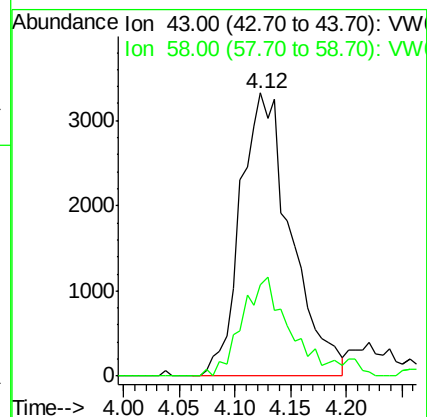
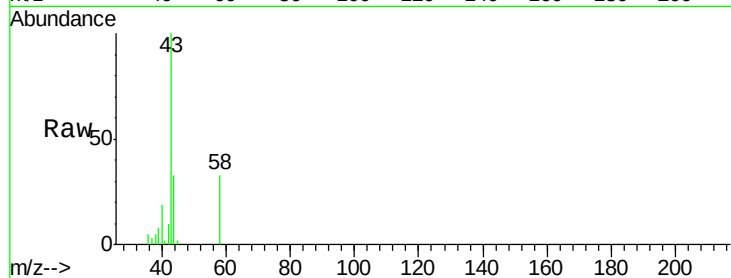
BU-02-101720

Tgt Ion: 43 Resp: 10485

Ion Ratio Lower Upper

43 100

58 32.5 26.6 39.8



#31

Cyclohexane

Concen: 1.01 ug/l

RT: 7.93 min Scan# 989

Delta R.T. -0.02 min

Lab File: VW014715.D

Acq: 22 Jan 2020 16:10

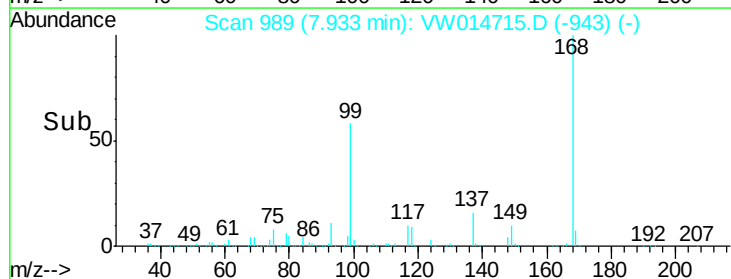
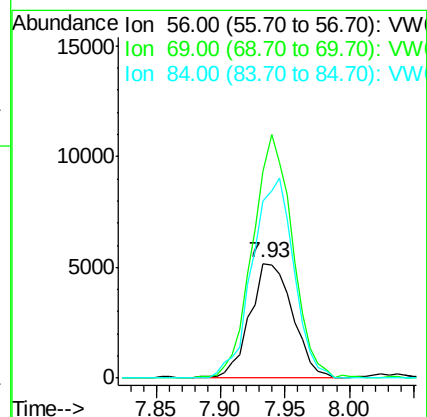
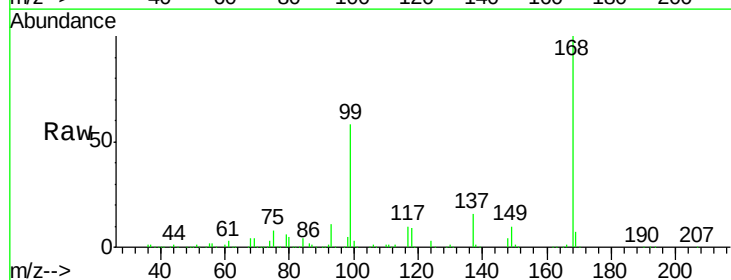
Tgt Ion: 56 Resp: 11923

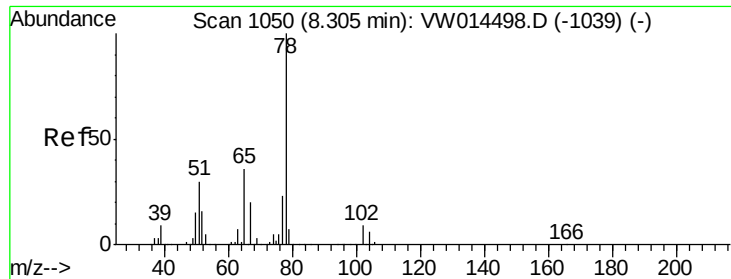
Ion Ratio Lower Upper

56 100

69 180.8 26.8 40.2#

84 154.9 71.8 107.6#

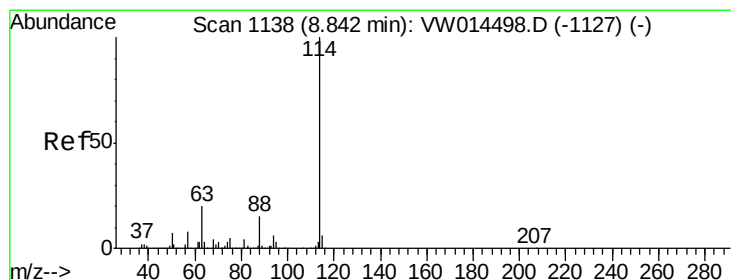
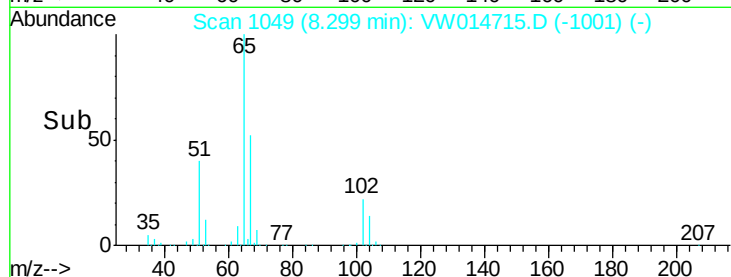
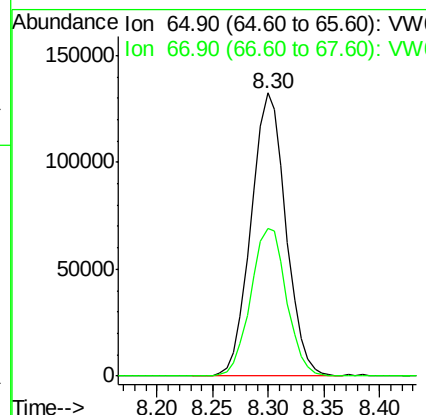
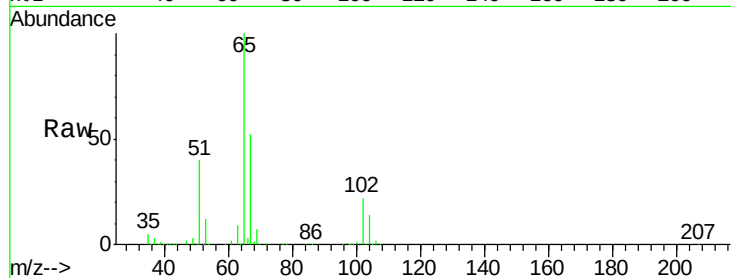




#33
 1,2-Dichloroethane-d4
 Concen: 52.17 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014715.D
 Acq: 22 Jan 2020 16:10

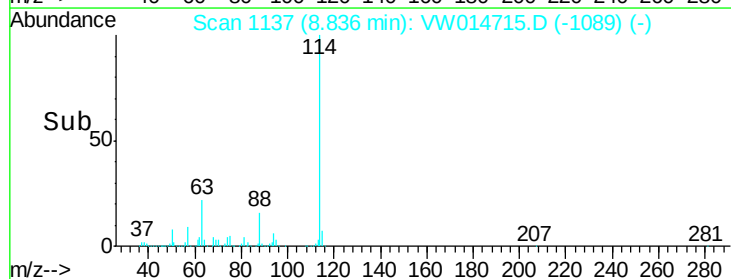
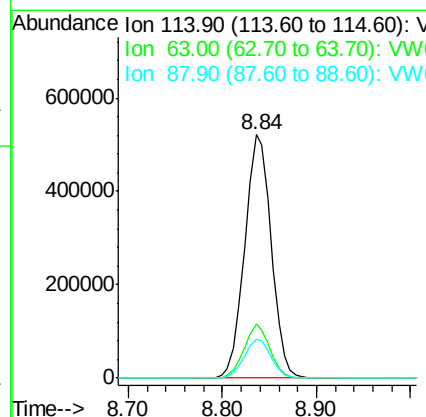
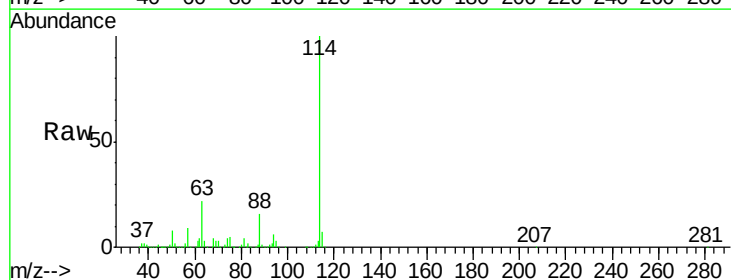
Instrument :
 MSVOA_W
 ClientSampled :
 BU-02-101720

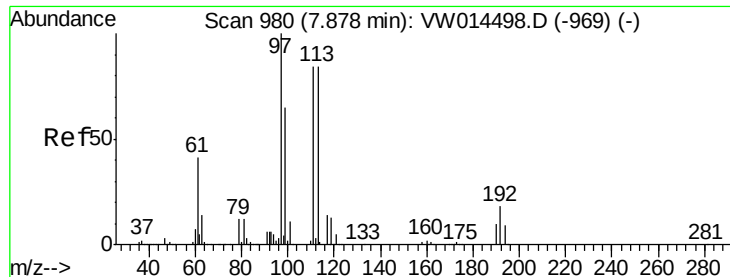
Tgt Ion: 65 Resp: 289114
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014715.D
 Acq: 22 Jan 2020 16:10

Tgt Ion: 114 Resp: 1018785
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 40.4
 88 16.1 0.0 30.6

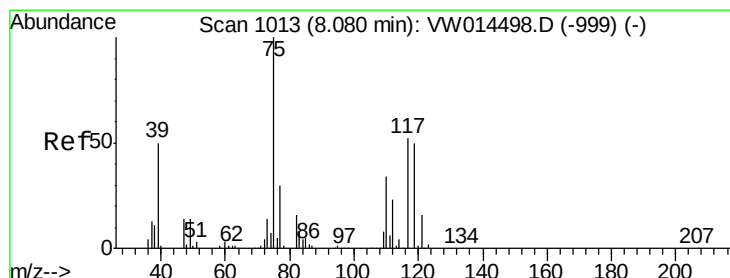
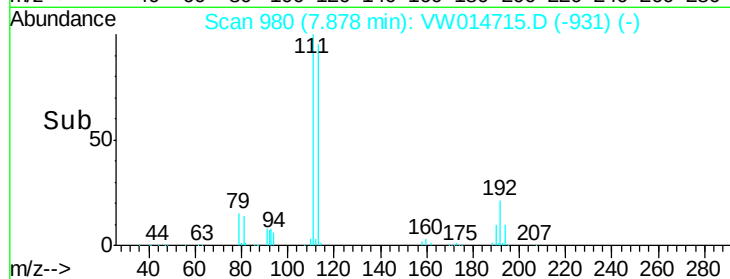
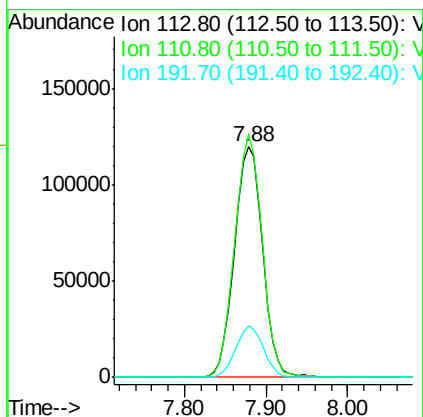
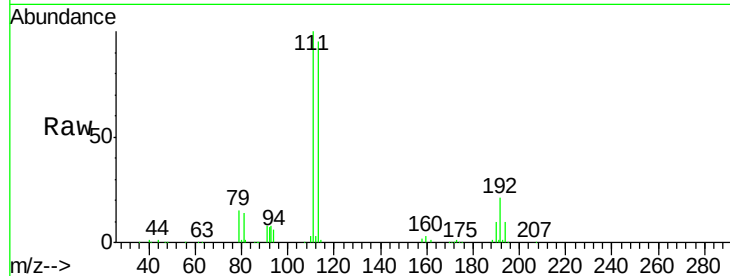




#35
 Dibromofluoromethane
 Concen: 48.97 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014715.D
 Acq: 22 Jan 2020 16:10

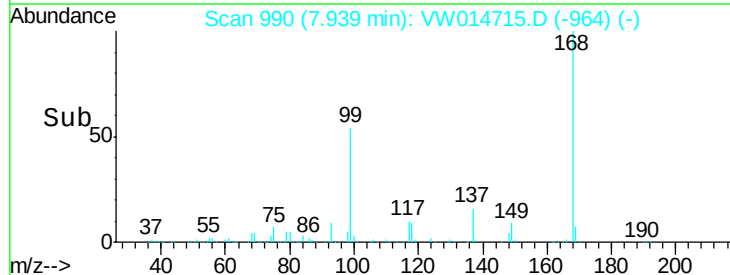
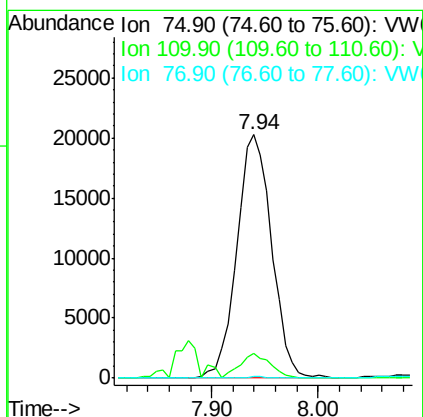
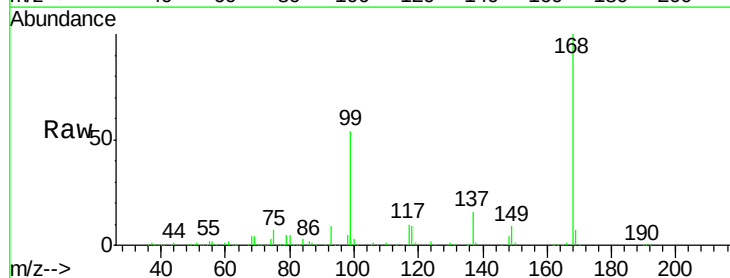
Instrument :
 MSVOA_W
 ClientSampleId :
 BU-02-101720

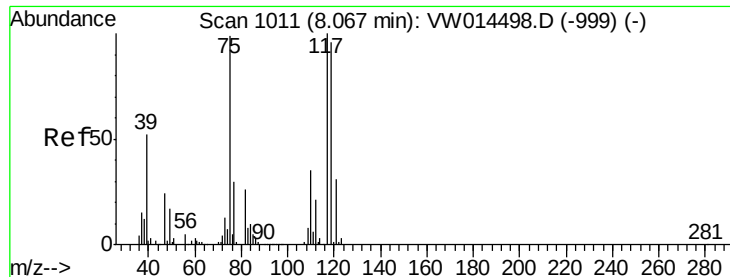
Tgt Ion:113 Resp: 285143
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.2
 192 21.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 4.73 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014715.D
 Acq: 22 Jan 2020 16:10

Tgt Ion: 75 Resp: 46426
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.8 53.5#
 77 0.3 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 7.07 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW014715.D

Acq: 22 Jan 2020 16:10

Instrument :

MSVOA_W

ClientSampleId :

BU-02-101720

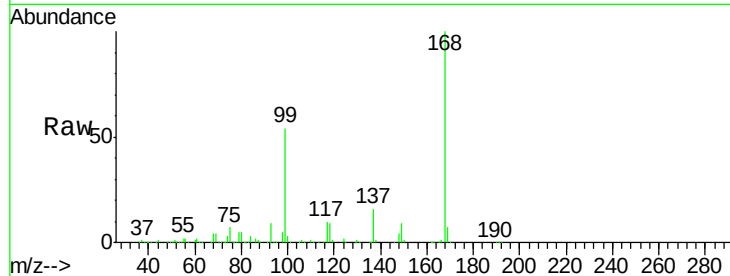
Tgt Ion:117 Resp: 60256

Ion Ratio Lower Upper

117 100

119 5.6 77.0 115.6#

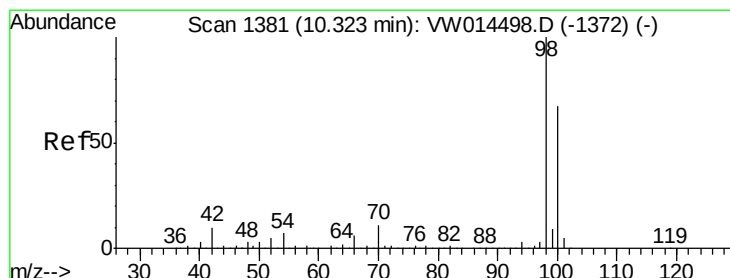
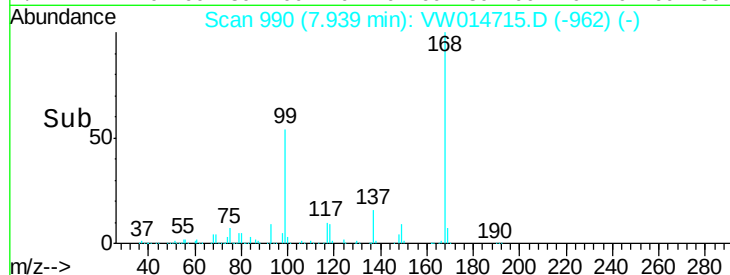
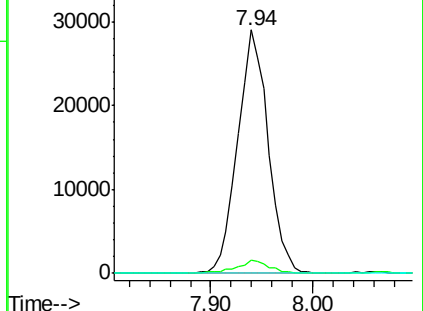
121 0.0 24.6 36.8#



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: 45.87 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014715.D

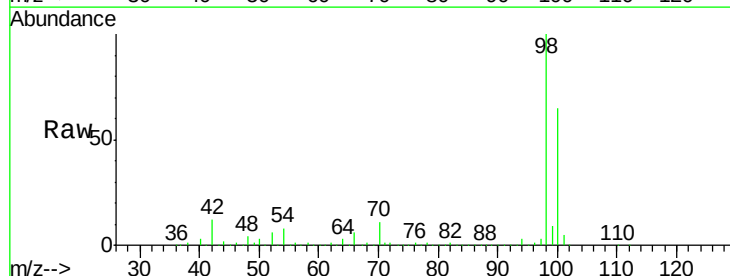
Acq: 22 Jan 2020 16:10

Tgt Ion: 98 Resp: 1114472

Ion Ratio Lower Upper

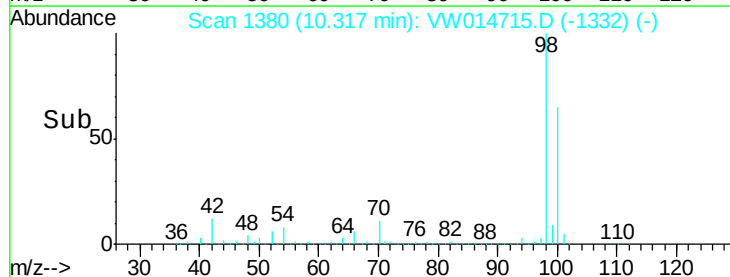
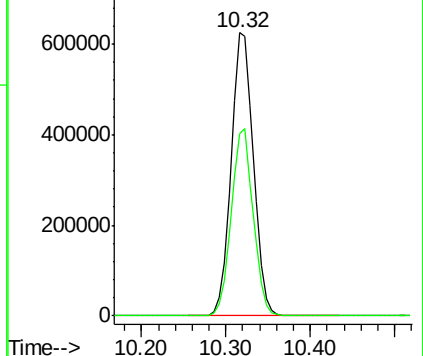
98 100

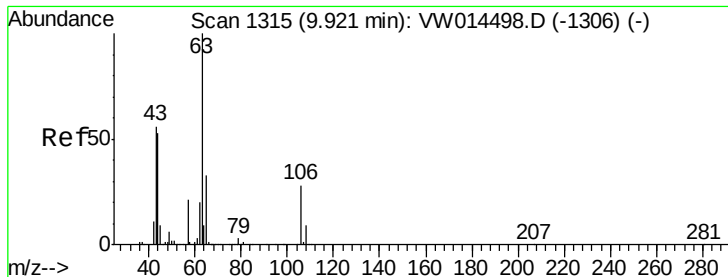
100 65.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

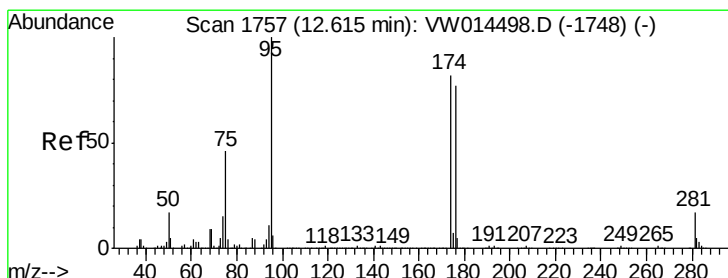
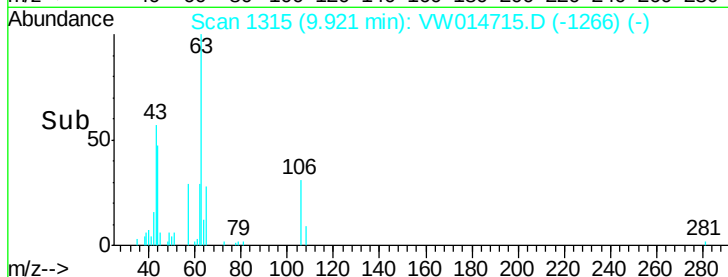
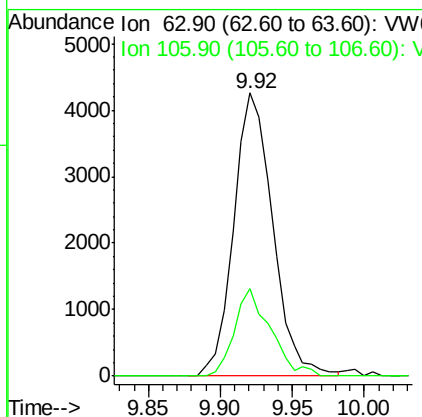
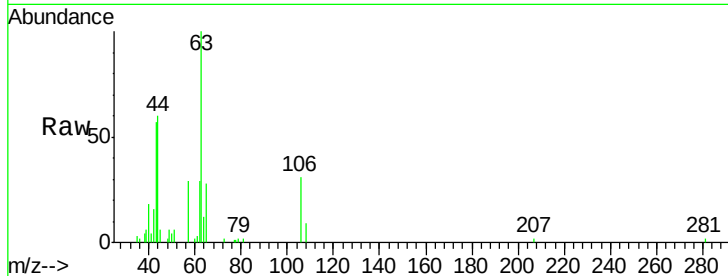




#58
 2-Chloroethyl Vinyl ether
 Concen: 4.13 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014715.D
 Acq: 22 Jan 2020 16:10

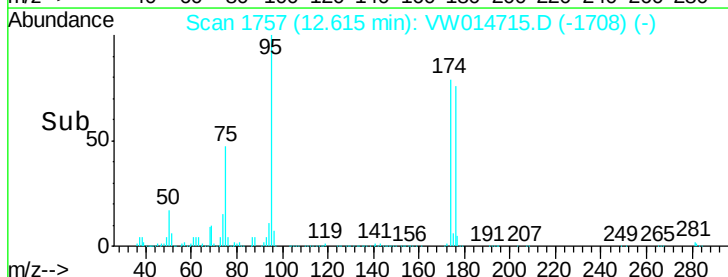
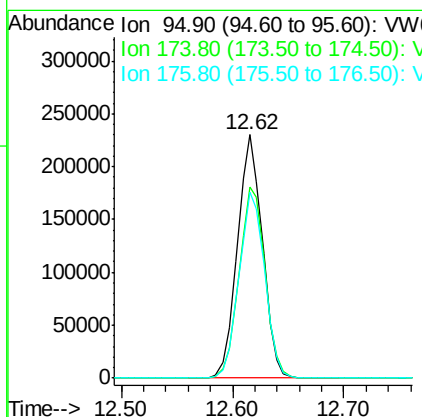
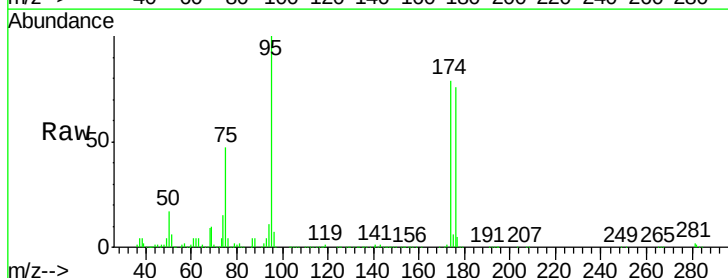
Instrument :
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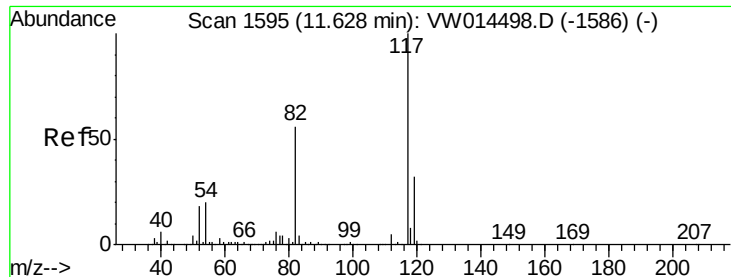
Tgt Ion: 63 Resp: 8030
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.0 34.6



#62
 4-Bromofluorobenzene
 Concen: 43.29 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014715.D
 Acq: 22 Jan 2020 16:10

Tgt Ion: 95 Resp: 356771
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 168.6
 176 78.7 0.0 162.0

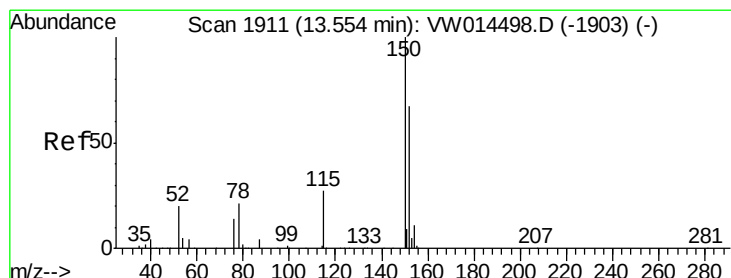
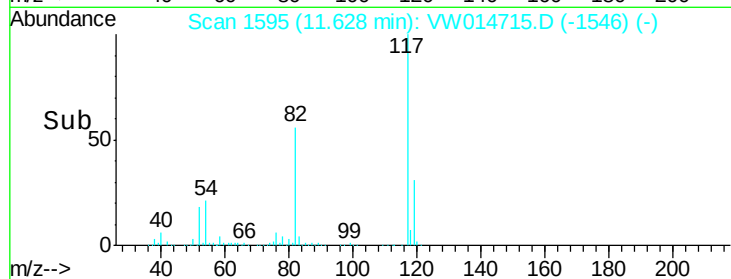
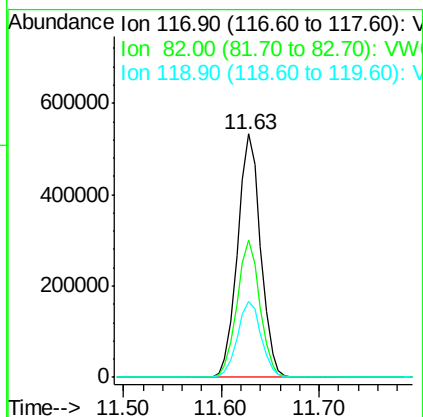
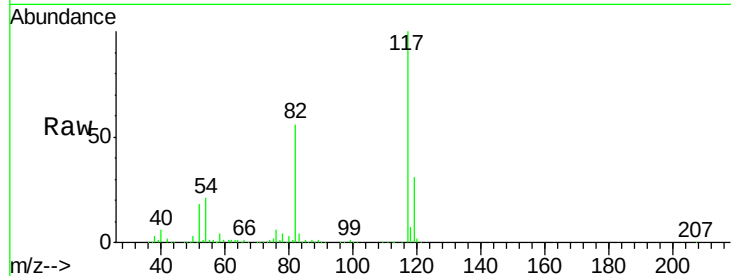




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014715.D
Acq: 22 Jan 2020 16:10

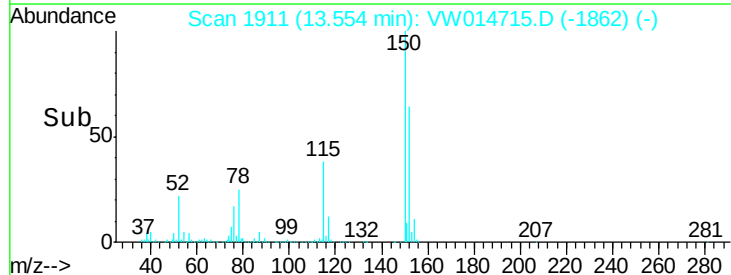
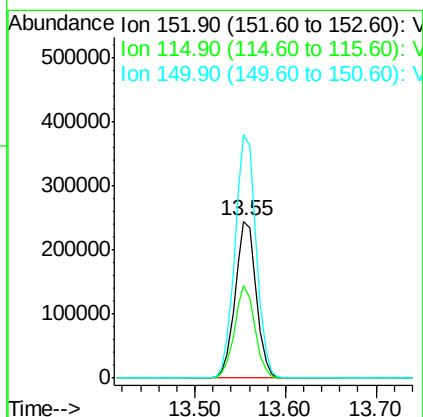
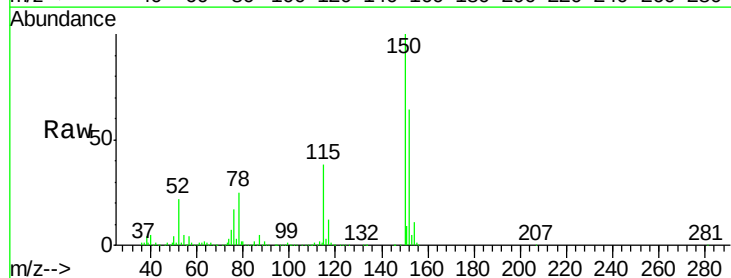
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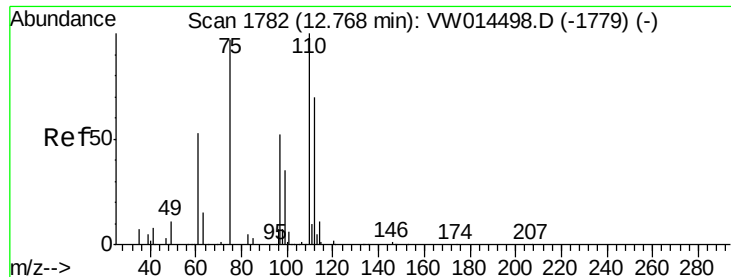
Tgt Ion:117 Resp: 873439
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014715.D
Acq: 22 Jan 2020 16:10

Tgt Ion:152 Resp: 390775
Ion Ratio Lower Upper
152 100
115 57.3 27.7 83.1
150 157.4 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 46.22 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014715.D

Acq: 22 Jan 2020 16:10

Instrument :

MSVOA_W

ClientSampleId :

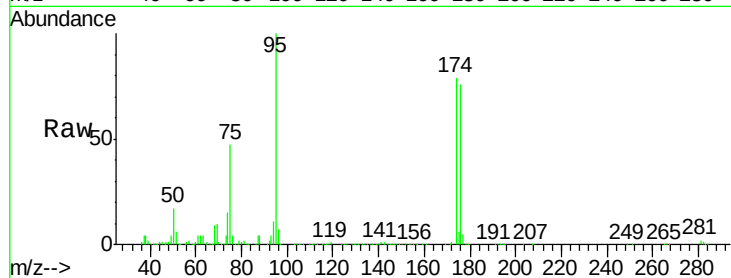
BU-02-101720

Tgt Ion: 75 Resp: 170786

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

120000

100000

80000

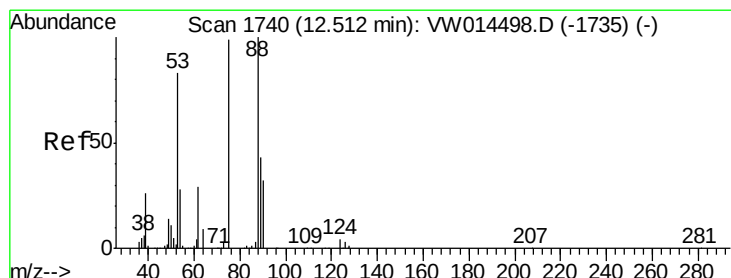
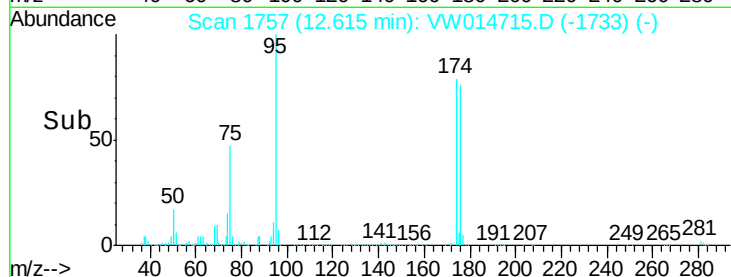
60000

40000

20000

0

Time--> 12.50 12.60 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 102.99 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014715.D

Acq: 22 Jan 2020 16:10

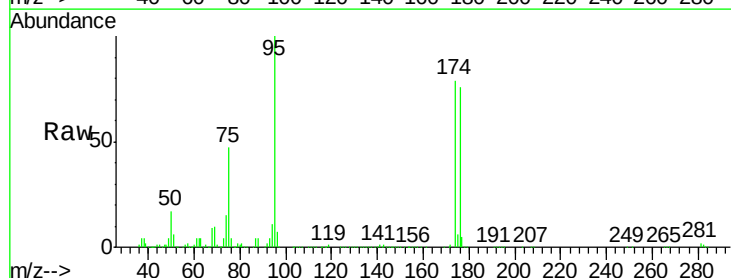
Tgt Ion: 75 Resp: 170786

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

150000

100000

50000

0

Time--> 12.50 12.60 12.70

