

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015338.D
 Acq On : 24 Apr 2020 13:04
 Operator : SY/VA
 Sample : L2399-01
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP1-A

Quant Time: Apr 25 06:48:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

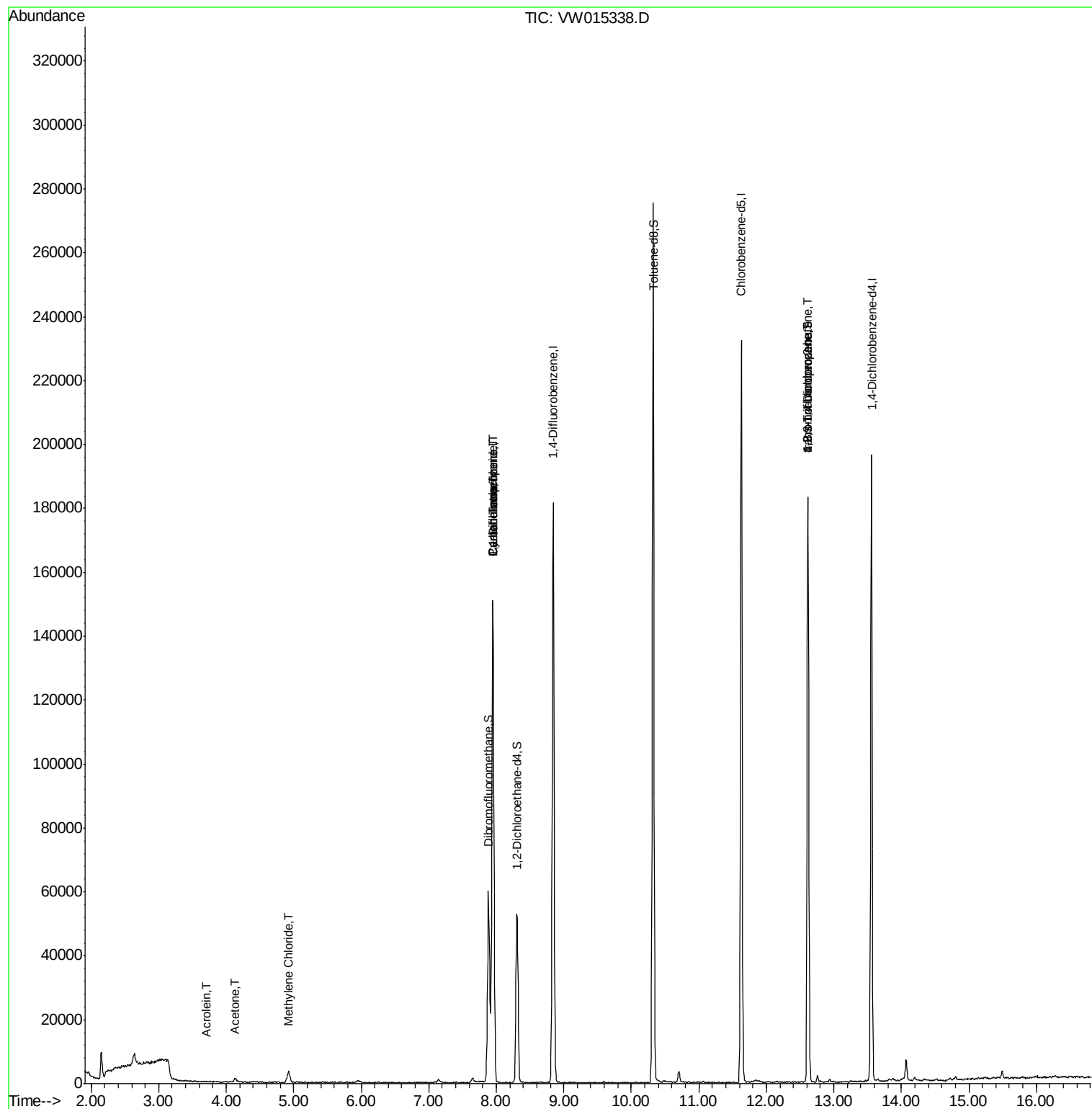
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	123772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42764	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
35) Dibromofluoromethane	7.88	113	41893	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	10.32	98	190366	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.62	95	58456	40.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.56%	
Target Compounds						
					Qvalue	
13) Acrolein	3.71	56	49	1.135	ug/l #	56
16) Acetone	4.13	43	1901	10.753	ug/l	96
20) Methylene Chloride	4.92	84	2812	2.427	ug/l	90
31) Cyclohexane	7.95	56	2222	1.187	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	7850	5.328	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11009	6.838	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	29224	67.488	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	29224	147.529	ug/l #	15

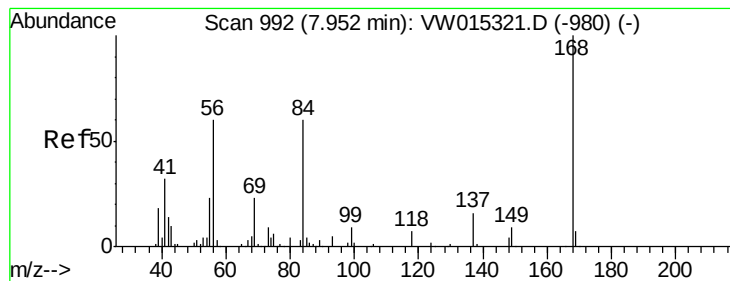
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
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: VW015338.D

Acq: 24 Apr 2020 13:04

Instrument :

MSVOA_W

ClientSampleId :

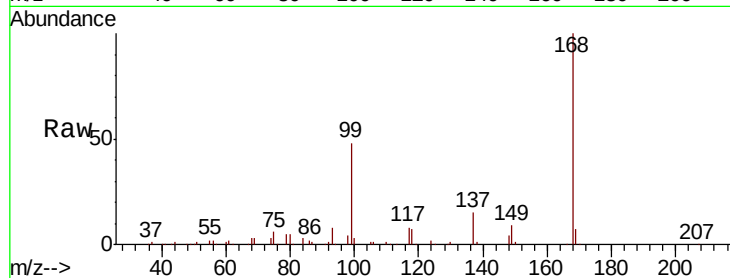
SP1-A

Tot Ion:168 Resp: 123772

Ion Ratio Lower Upper

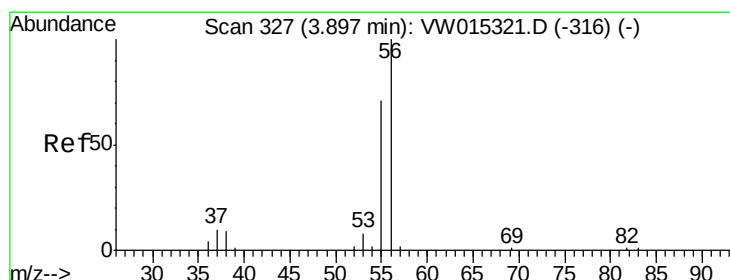
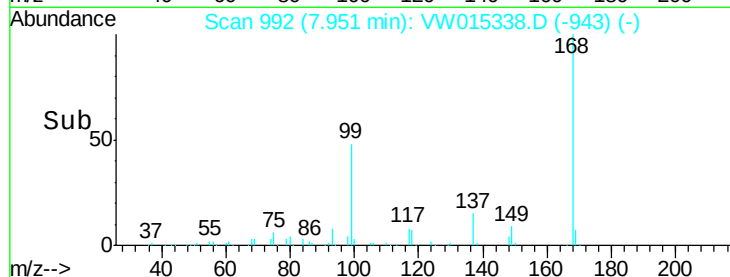
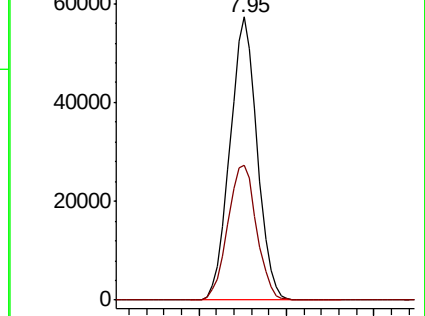
168 100

99 47.8 48.5 72.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 1.135 ug/l

RT: 3.71 min Scan# 297

Delta R.T. -0.19 min

Lab File: VW015338.D

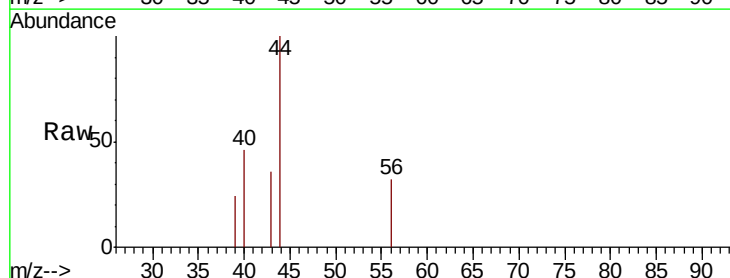
Acq: 24 Apr 2020 13:04

Tgt Ion: 56 Resp: 49

Ion Ratio Lower Upper

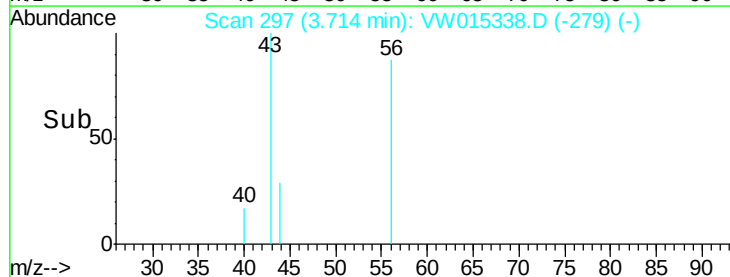
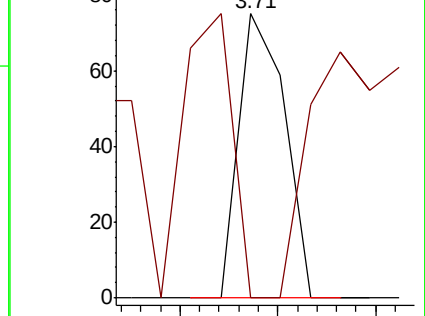
56 100

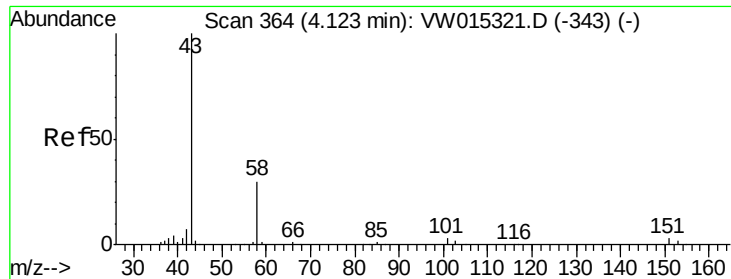
55 106.1 56.2 84.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

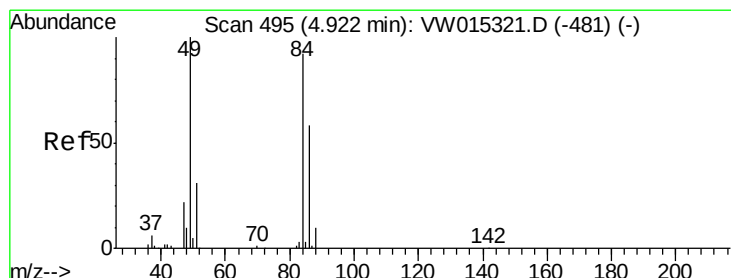
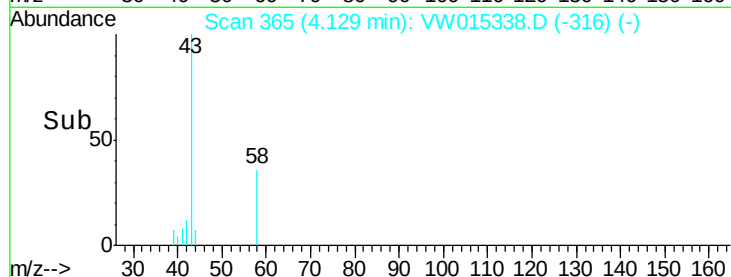
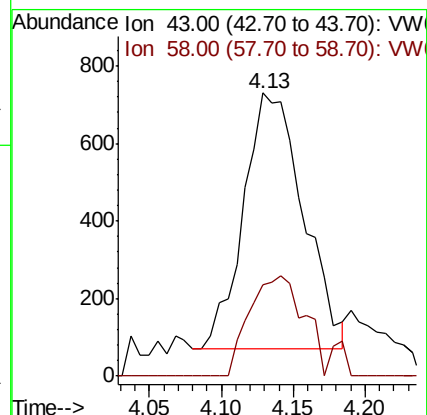
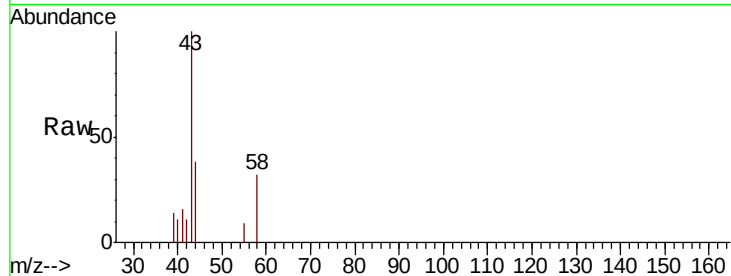




#16
Acetone
Concen: 10.753 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW015338.D
Acq: 24 Apr 2020 13:04

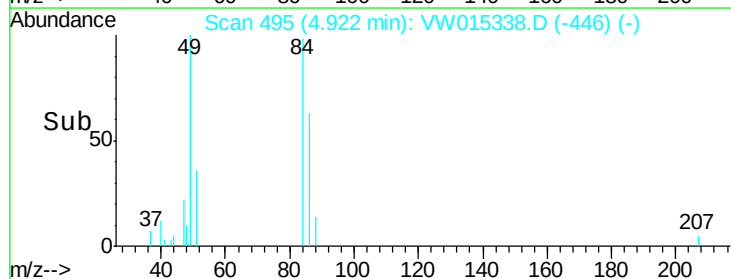
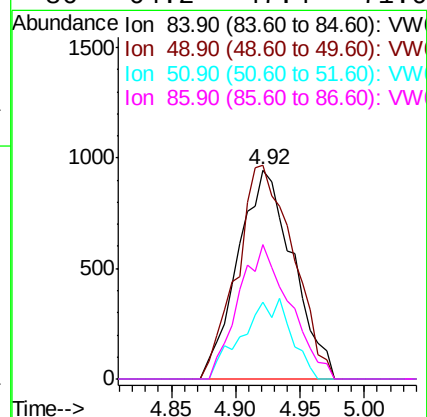
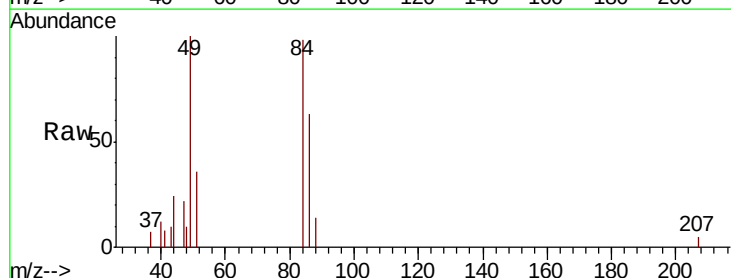
Instrument :
MSVOA_W
ClientSampled :
SP1-A

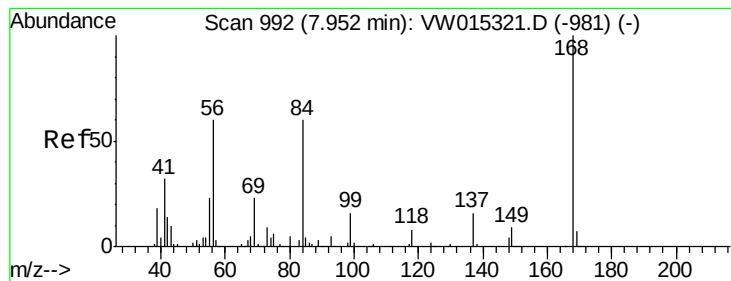
Tot Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.4



#20
Methylene Chloride
Concen: 2.427 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015338.D
Acq: 24 Apr 2020 13:04

Tgt Ion: 84 Resp: 2812
Ion Ratio Lower Upper
84 100
49 102.3 95.4 143.0
51 36.9 29.8 44.8
86 64.2 47.4 71.0





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

Instrument :

MSVOA_W

ClientSampleId :

SP1-A

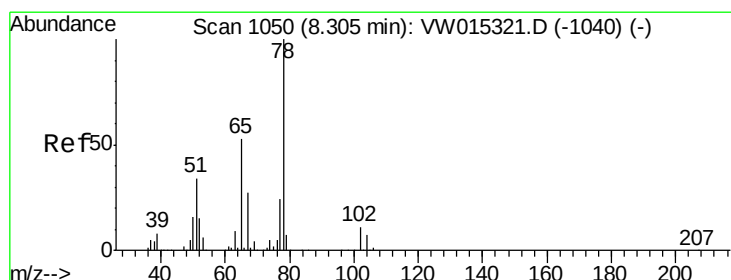
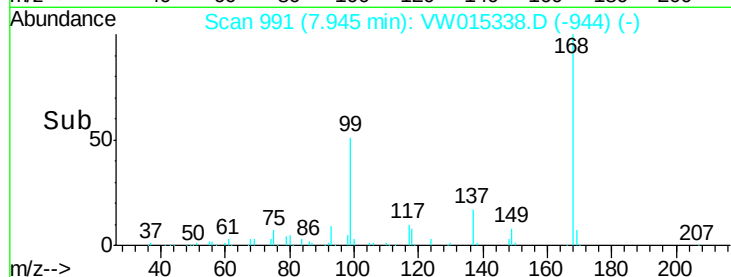
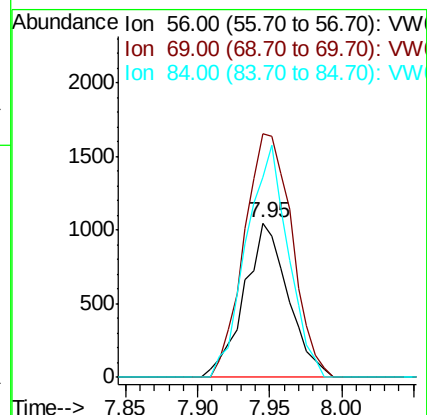
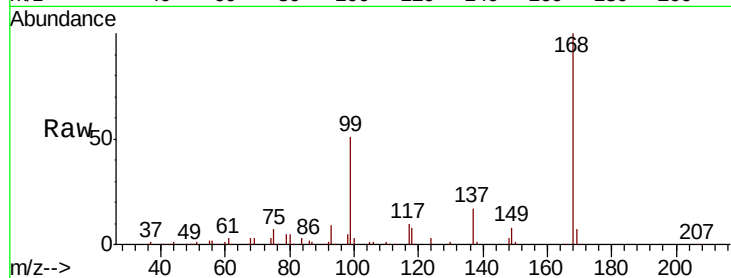
Tot Ion: 56 Resp: 2222

Ion Ratio Lower Upper

56 100

69 157.6 27.1 40.7#

84 129.2 71.9 107.9#



#33

1,2-Dichloroethane-d4

Concen: 42.251 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015338.D

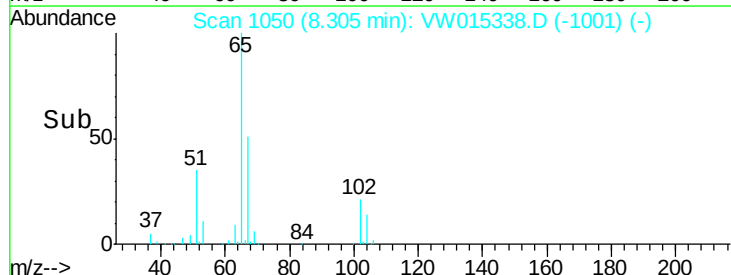
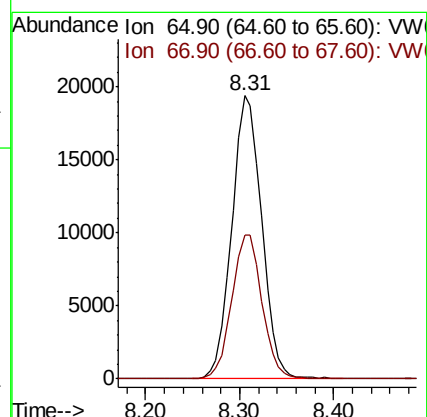
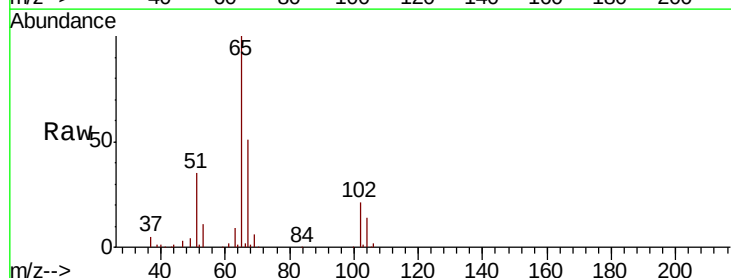
Acq: 24 Apr 2020 13:04

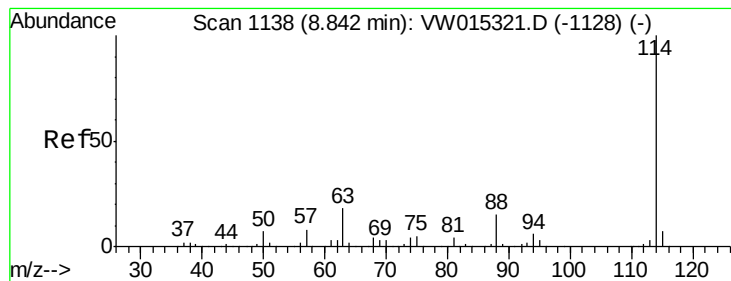
Tgt Ion: 65 Resp: 42764

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

Instrument :

MSVOA_W

ClientSampled :

SP1-A

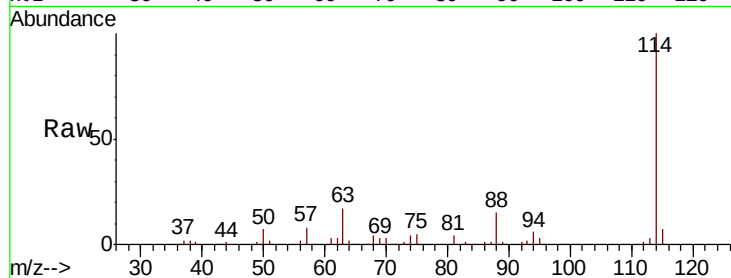
Tot Ion:114 Resp: 163235

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.8

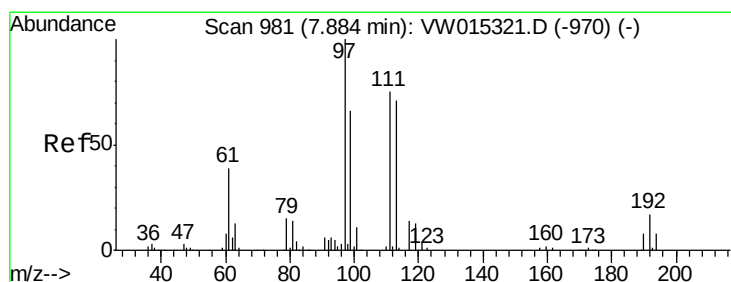
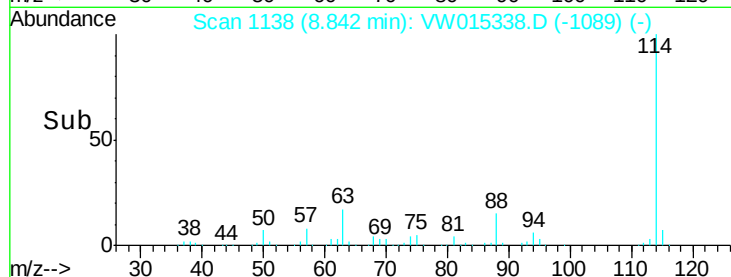
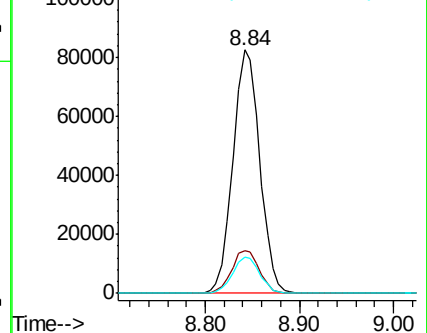
88 14.9 0.0 30.2



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: 46.332 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

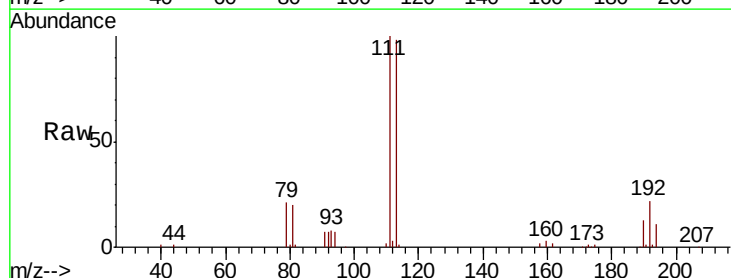
Tgt Ion:113 Resp: 41893

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

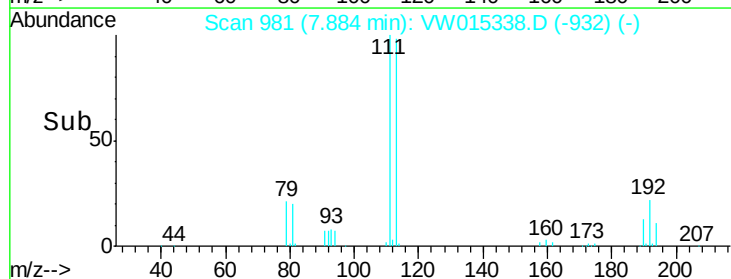
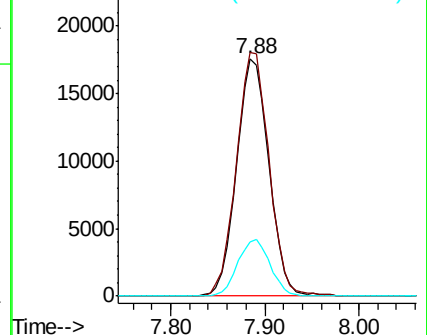
192 23.8 15.1 22.7#

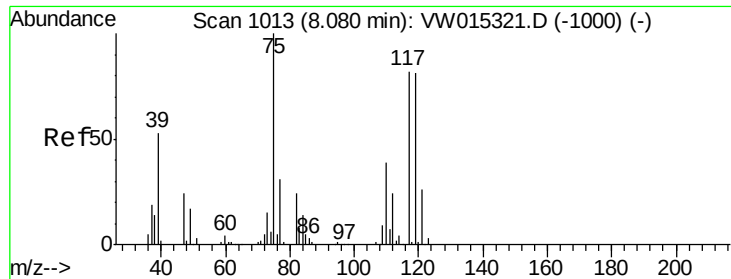


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.328 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

Instrument :

MSVOA_W

ClientSampleId :

SP1-A

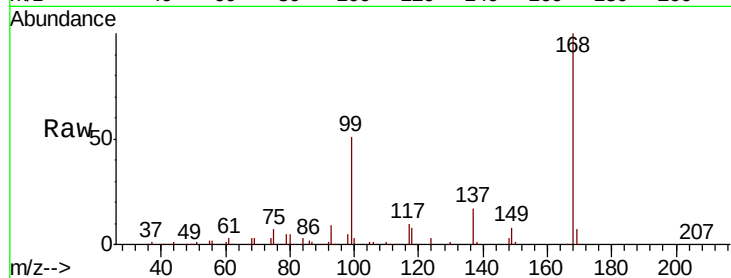
Tot Ion: 75 Resp: 7850

Ion Ratio Lower Upper

75 100

110 10.0 18.2 54.6#

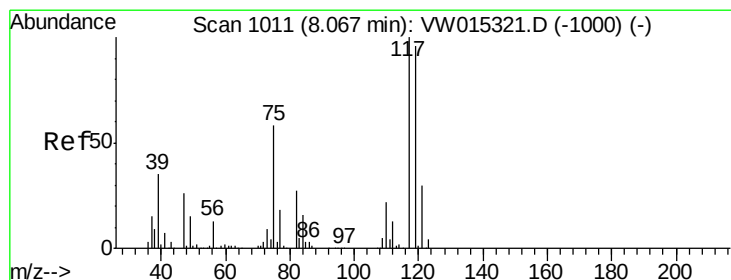
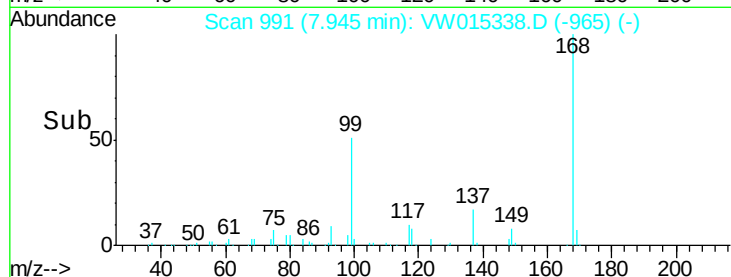
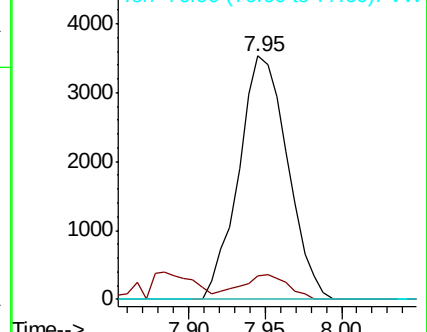
77 0.0 24.5 36.7#



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: 6.838 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

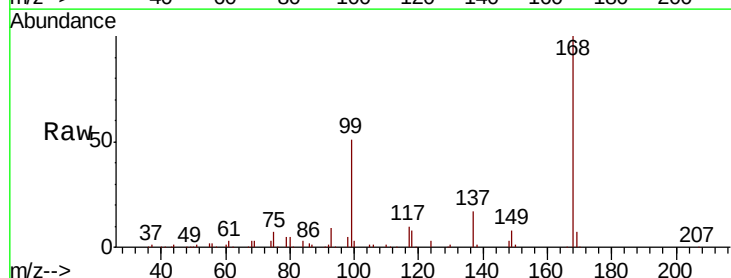
Tgt Ion: 117 Resp: 11009

Ion Ratio Lower Upper

117 100

119 4.7 72.3 108.5#

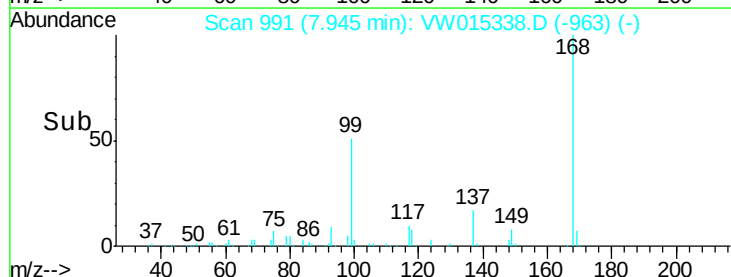
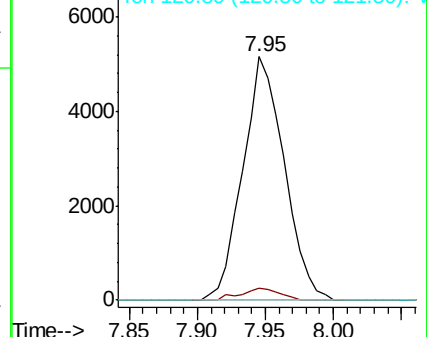
121 0.0 23.7 35.5#

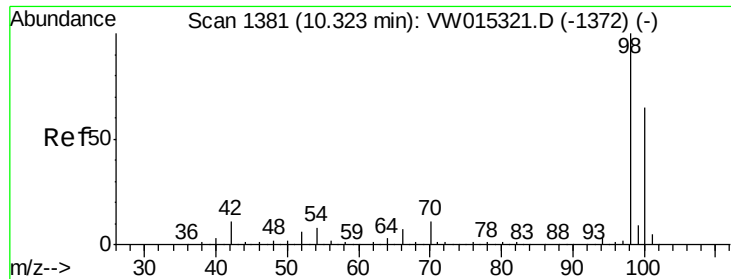


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 50.048 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

Instrument :

MSVOA_W

ClientSampleId :

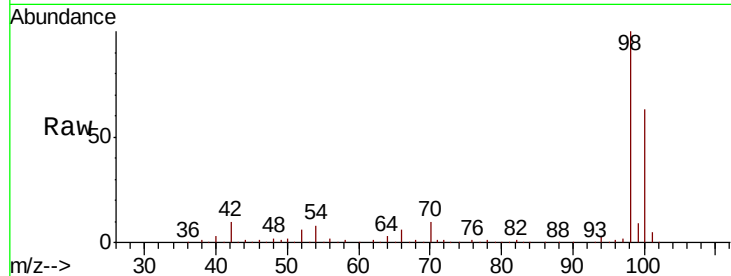
SP1-A

Tot Ion: 98 Resp: 190366

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

120000

100000

80000

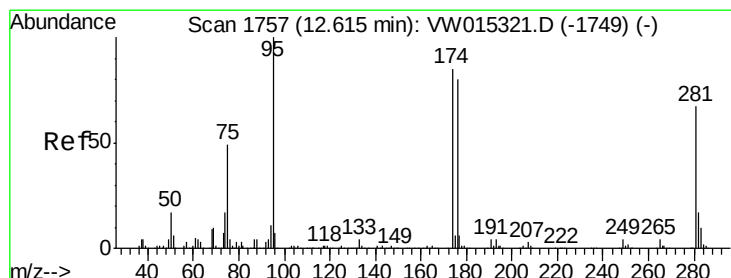
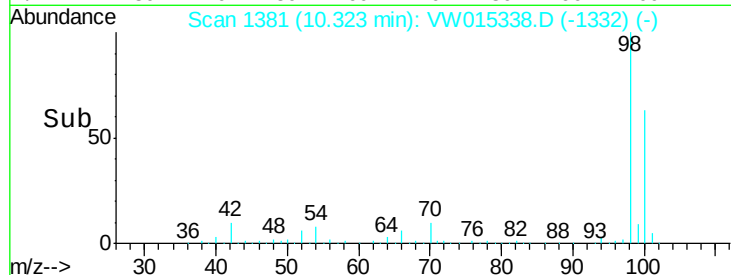
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.279 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

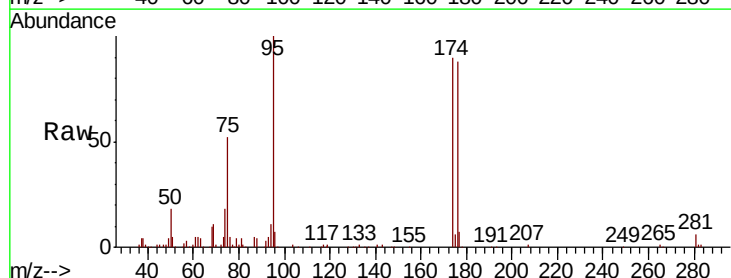
Tgt Ion: 95 Resp: 58456

Ion Ratio Lower Upper

95 100

174 92.8 0.0 144.4

176 89.0 0.0 140.6



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

12.62

40000

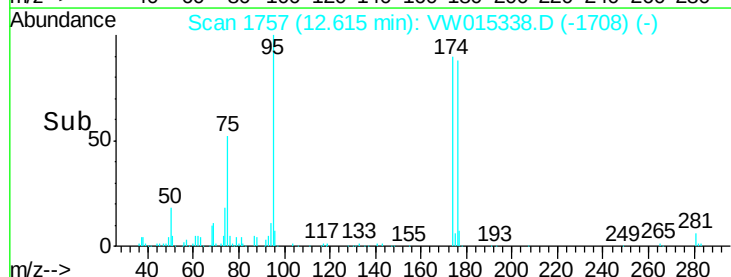
30000

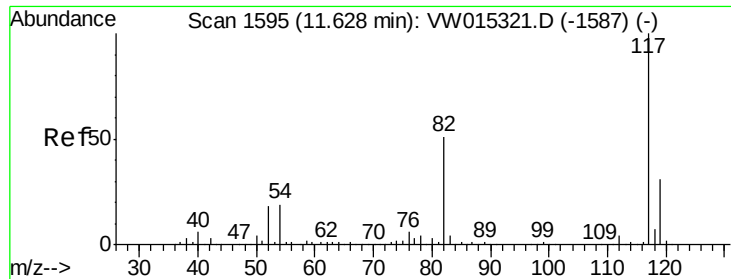
20000

10000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

Instrument :

MSVOA_W

ClientSampleId :

SP1-A

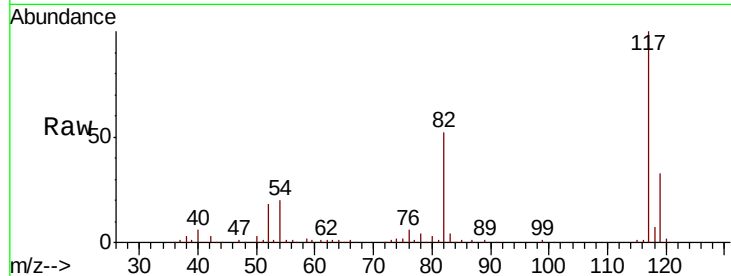
Tot Ion:117 Resp: 139777

Ion Ratio Lower Upper

117 100

82 51.6 44.1 66.1

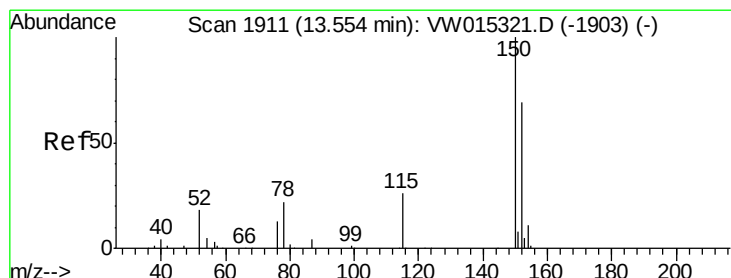
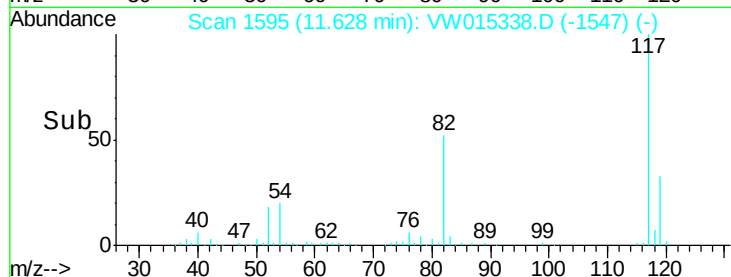
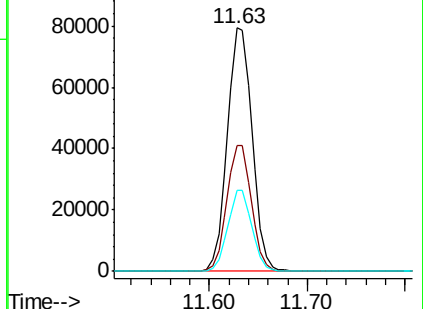
119 33.0 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

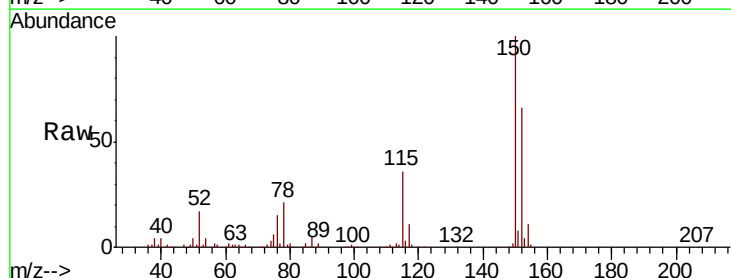
Tgt Ion:152 Resp: 55975

Ion Ratio Lower Upper

152 100

115 55.7 31.3 93.9

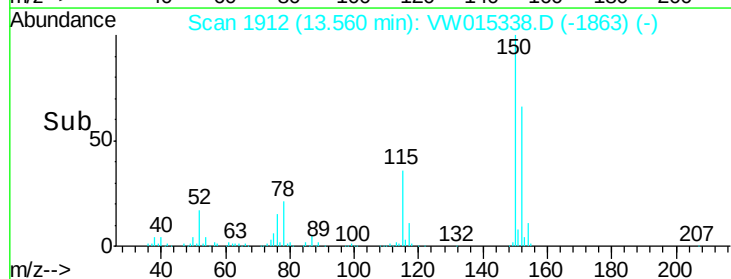
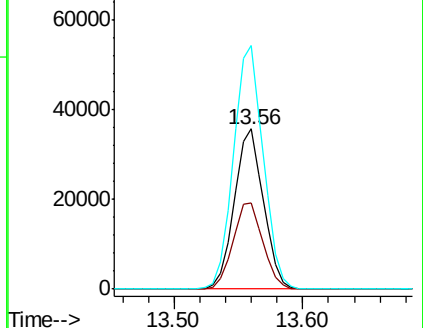
150 154.8 0.0 343.4

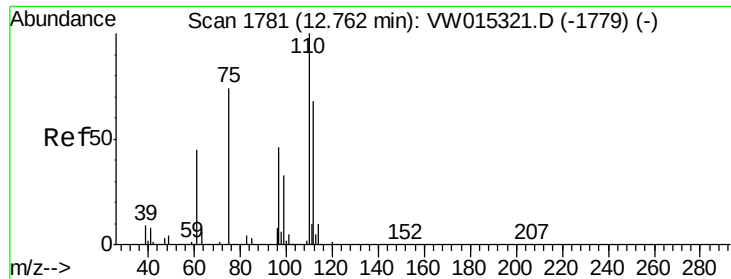


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 67.488 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

Instrument :

MSVOA_W

ClientSampled :

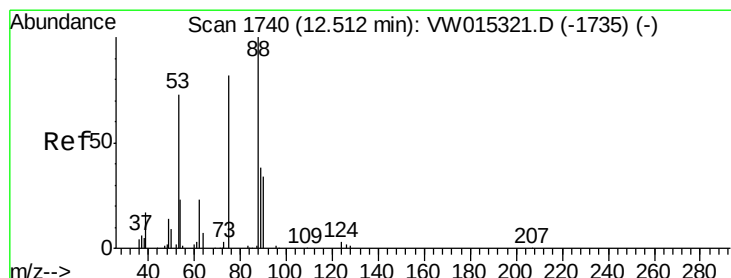
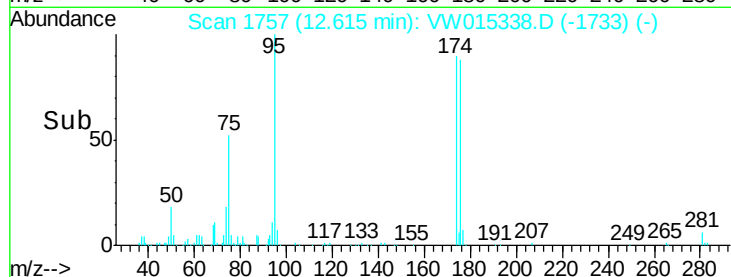
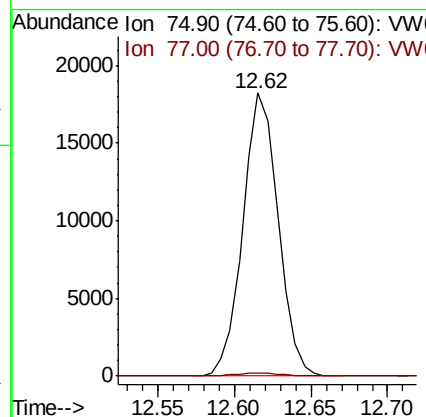
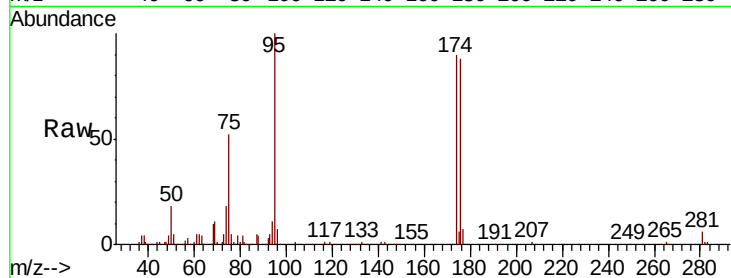
SP1-A

Tot Ion: 75 Resp: 29224

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 147.529 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015338.D

Acq: 24 Apr 2020 13:04

Tgt Ion: 75 Resp: 29224

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#

