

Data File : VW015317.D
Acq On : 22 Apr 2020 19:01
Operator : SY/VA
Sample : L2394-04
Misc : 4.99G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1A

Quant Time: Apr 23 07:05:25 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	201874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	111279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	78940	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	7.88	113	80723	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.32	98	335186	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	110100	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds

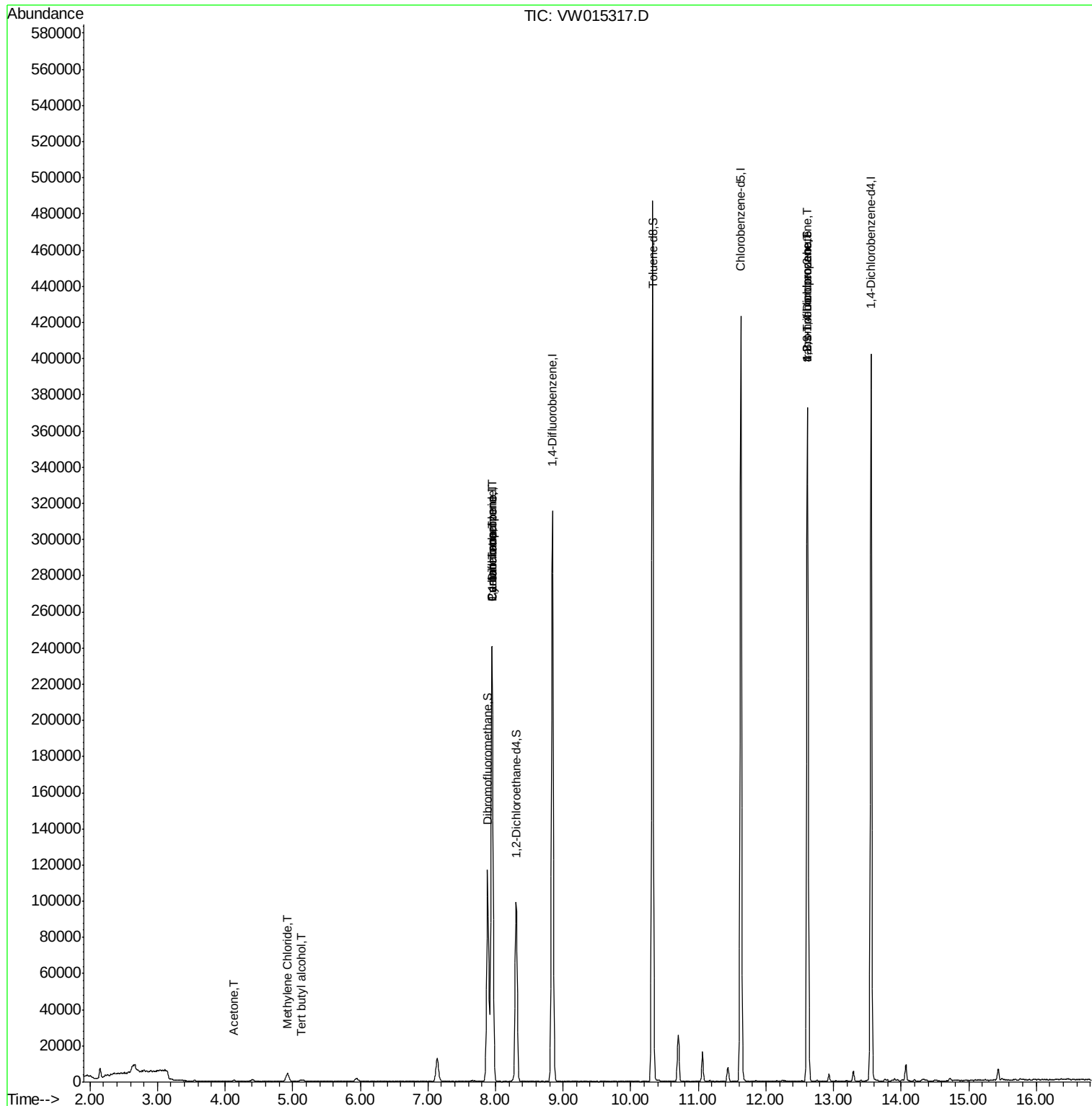
						Qvalue
11) Tert butyl alcohol	5.12	59	420	3.121	ug/l #	72
16) Acetone	4.14	43	1657	5.747	ug/l	95
20) Methylene Chloride	4.92	84	3866	2.046	ug/l #	83
31) Cyclohexane	7.95	56	3719	1.218	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13030	5.121	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17785	6.396	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	56448	65.571	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56448	143.340	ug/l #	15

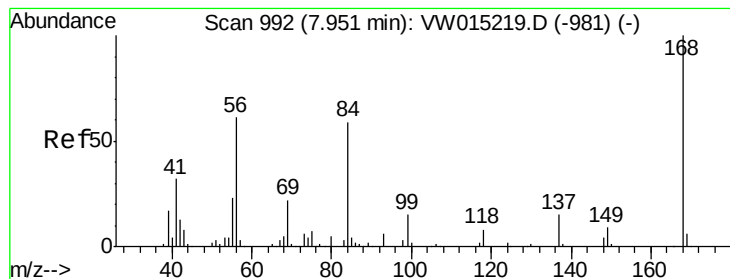
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015317.D

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Instrument :

MSVOA_W

ClientSampled :

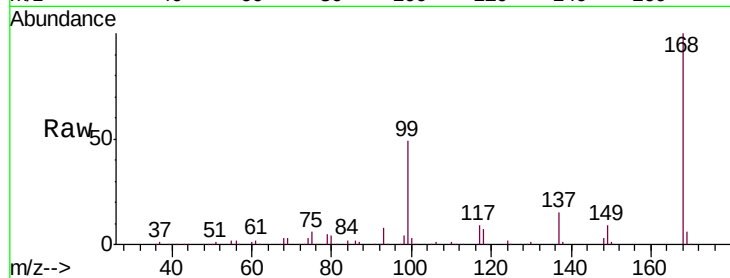
B-1A

Tgt Ion:168 Resp: 201874

Ion Ratio Lower Upper

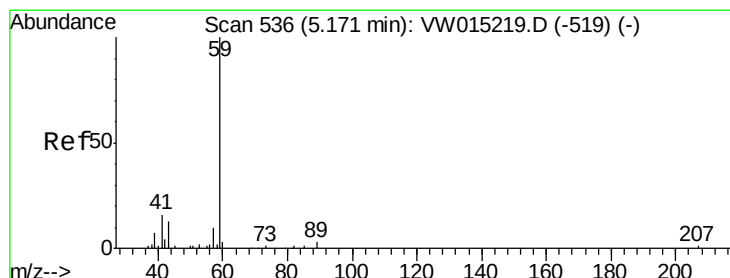
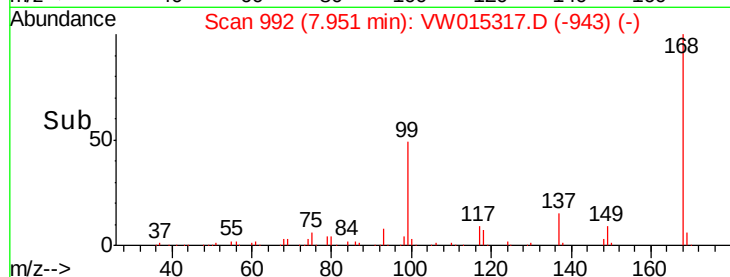
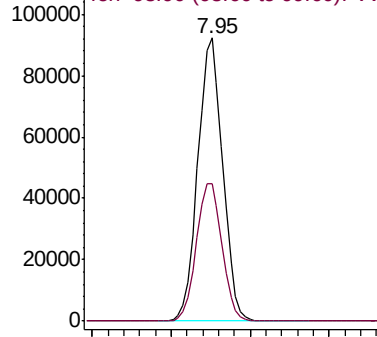
168 100

99 48.6 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 3.121 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW015317.D

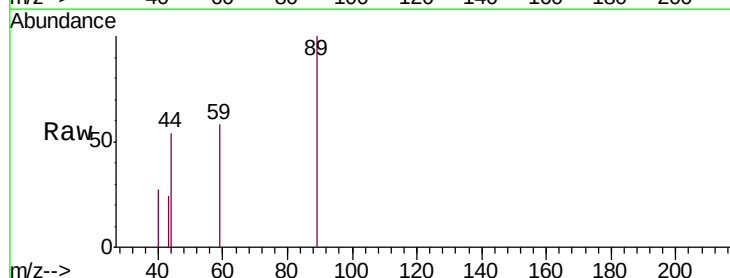
Acq: 22 Apr 2020 19:01

Tgt Ion: 59 Resp: 420

Ion Ratio Lower Upper

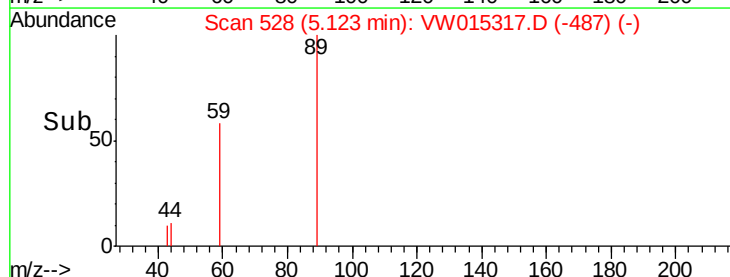
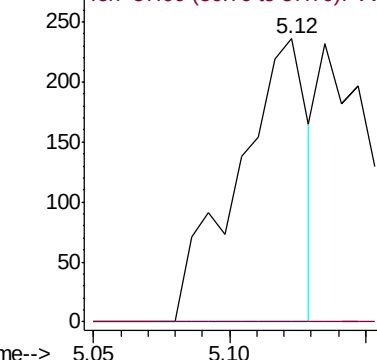
59 100

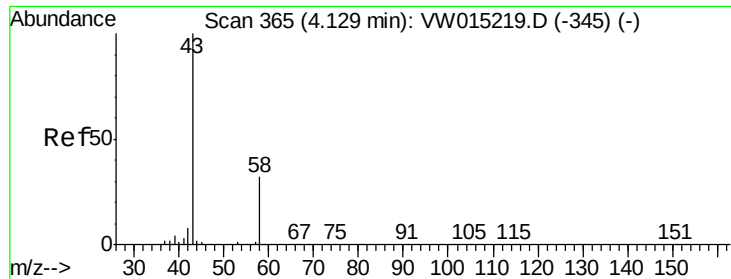
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.747 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampled :

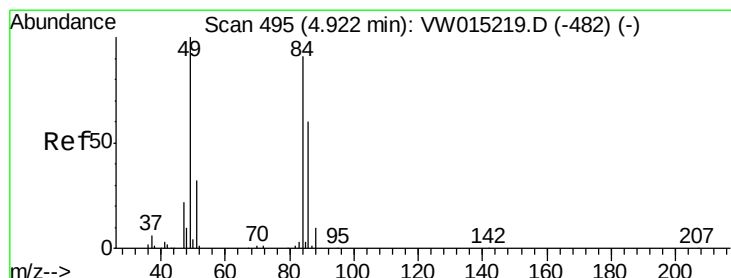
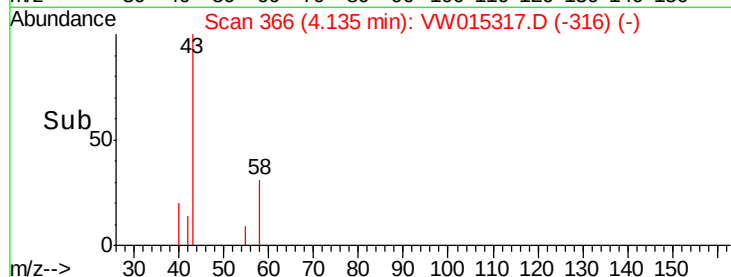
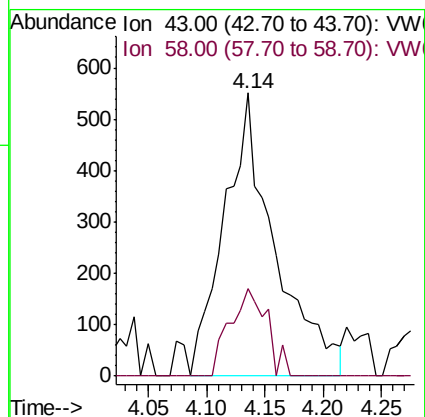
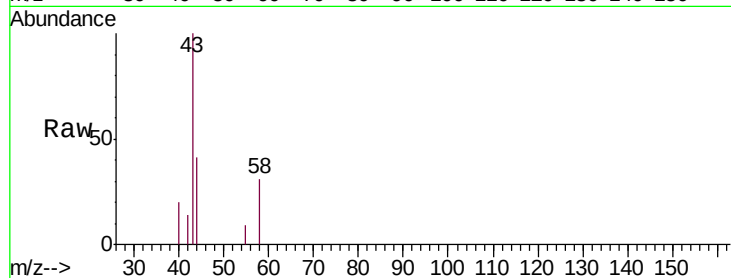
B-1A

Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

58 30.9 27.0 40.4



#20

Methylene Chloride

Concen: 2.046 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Tgt Ion: 84 Resp: 3866

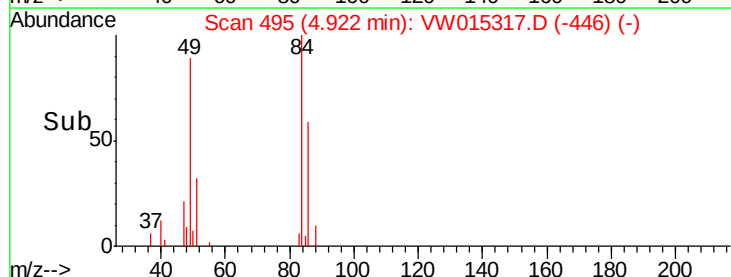
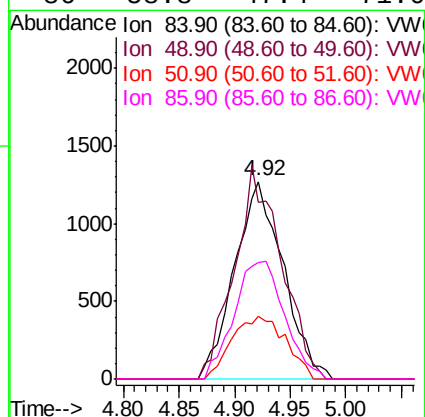
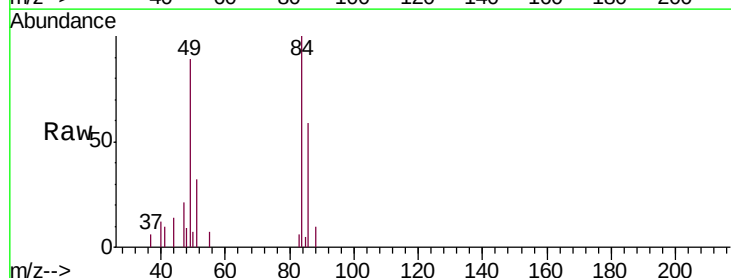
Ion Ratio Lower Upper

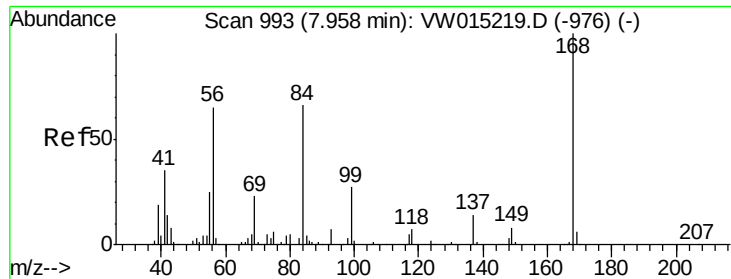
84 100

49 89.5 95.4 143.0#

51 31.8 29.8 44.8

86 58.8 47.4 71.0

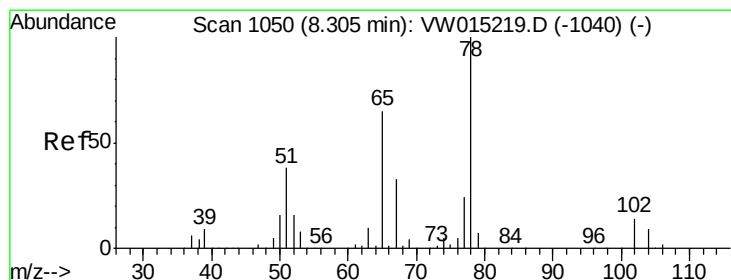
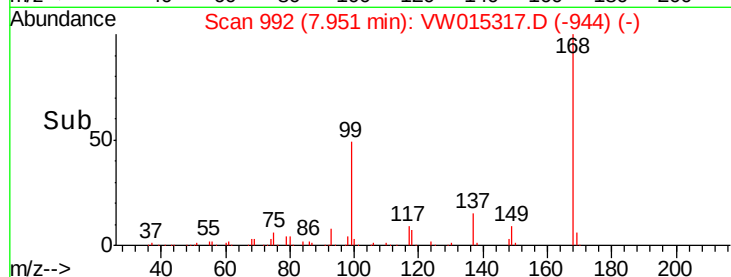
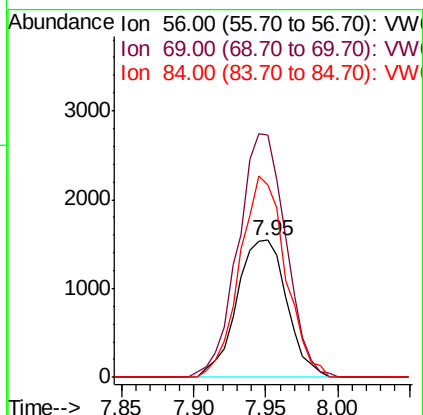
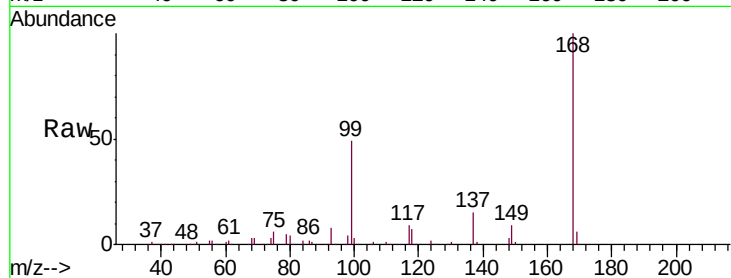




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015317.D
Acq: 22 Apr 2020 19:01

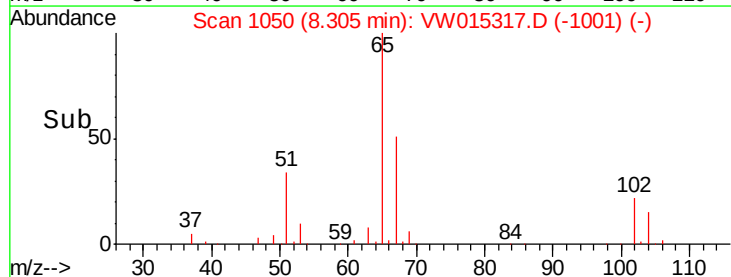
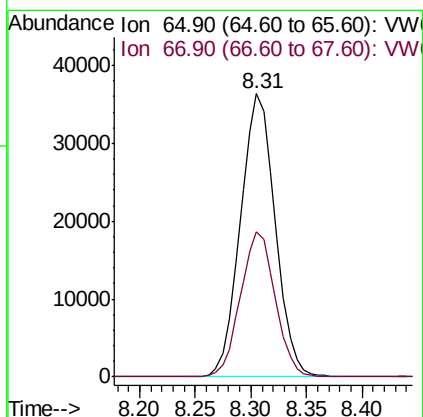
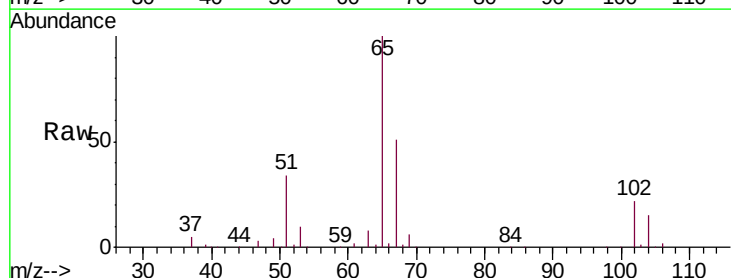
Instrument :
MSVOA_W
ClientSampled :
B-1A

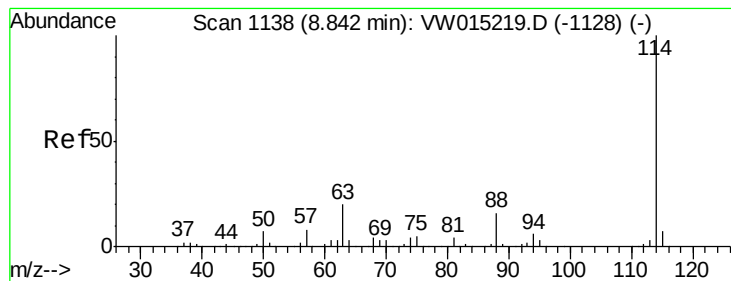
Tgt Ion: 56 Resp: 3719
Ion Ratio Lower Upper
56 100
69 176.8 27.1 40.7#
84 140.3 71.9 107.9#



#33
1,2-Dichloroethane-d4
Concen: 47.819 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW015317.D
Acq: 22 Apr 2020 19:01

Tgt Ion: 65 Resp: 78940
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: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

B-1A

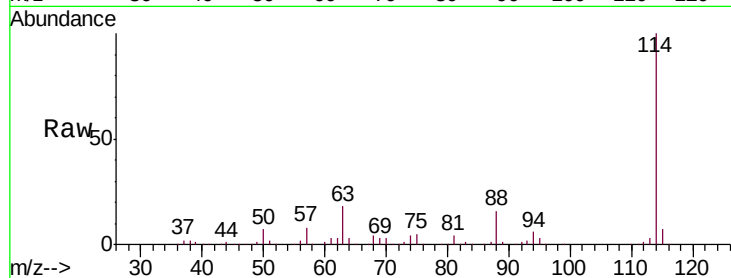
Tgt Ion:114 Resp: 281934

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.8

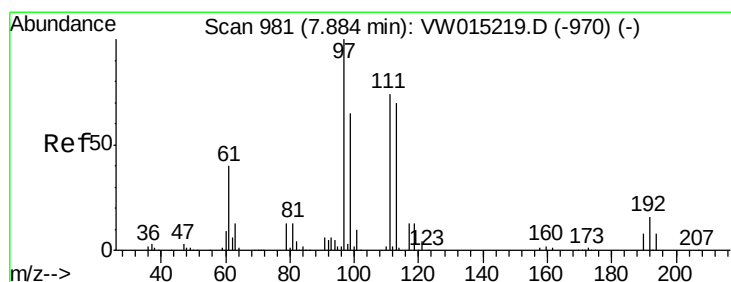
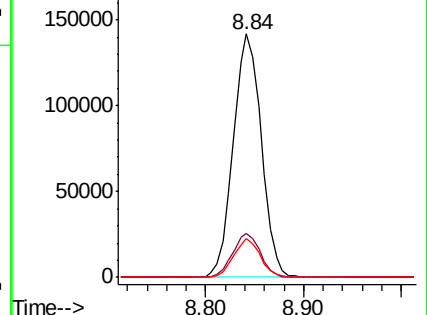
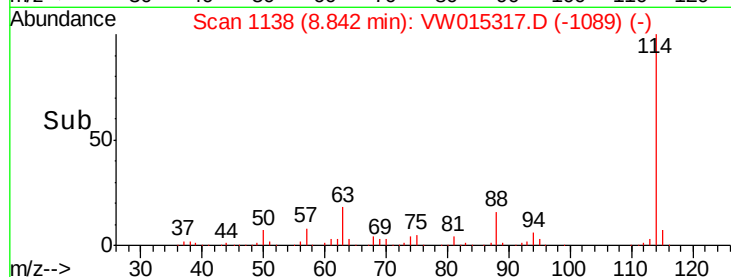
88 15.8 0.0 30.2



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: 51.690 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

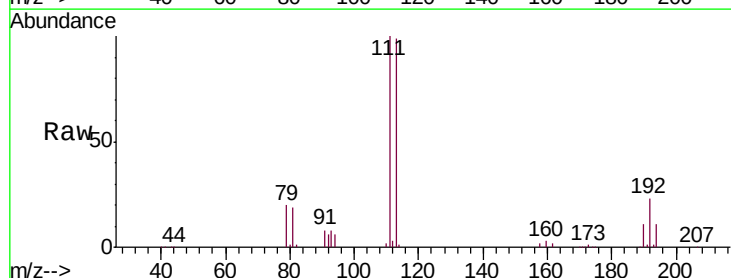
Tgt Ion:113 Resp: 80723

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

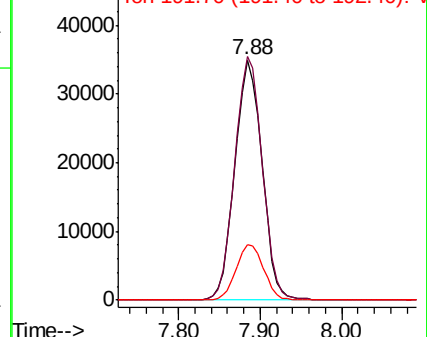
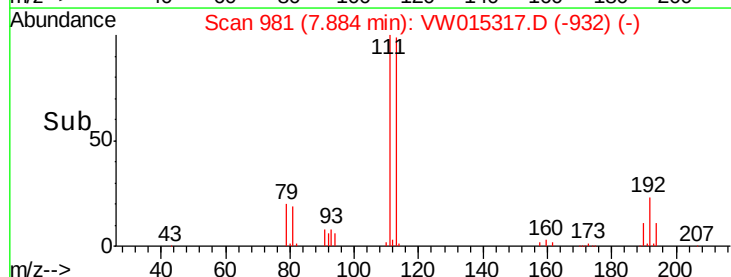
192 23.2 15.1 22.7#

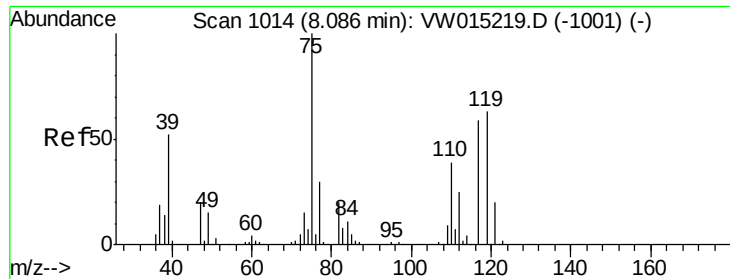


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

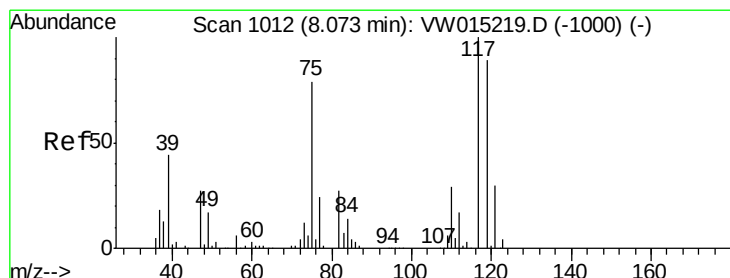
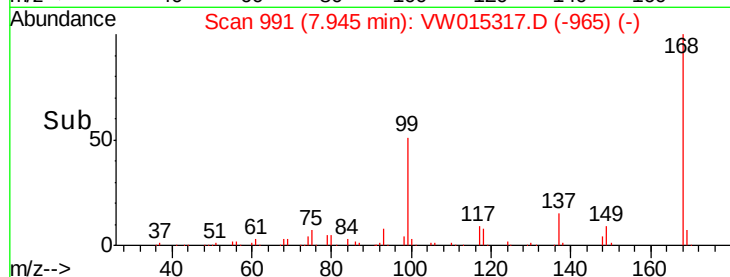
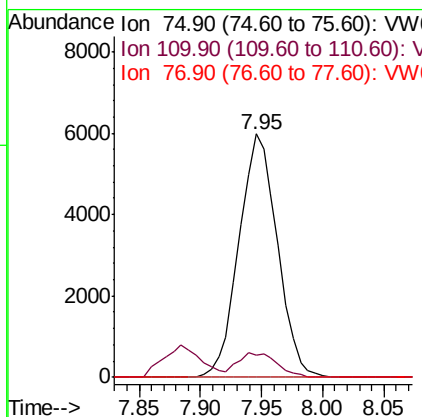
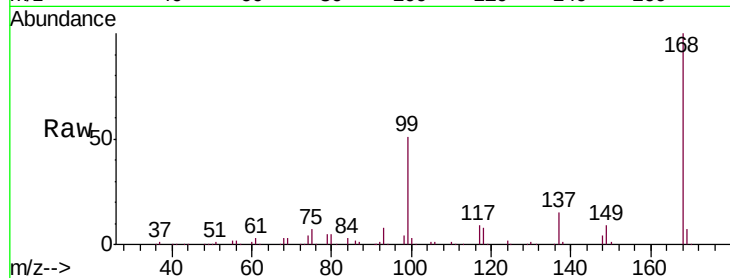




#36
 1,1-Dichloropropene
 Concen: 5.121 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015317.D
 Acq: 22 Apr 2020 19:01

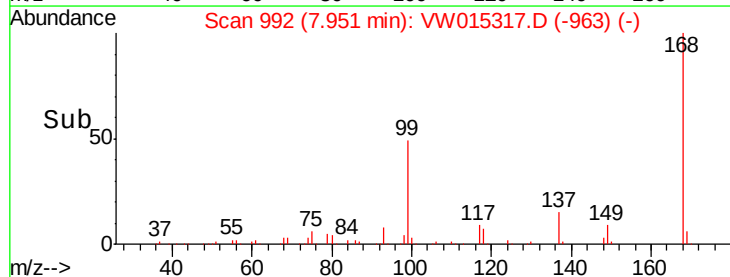
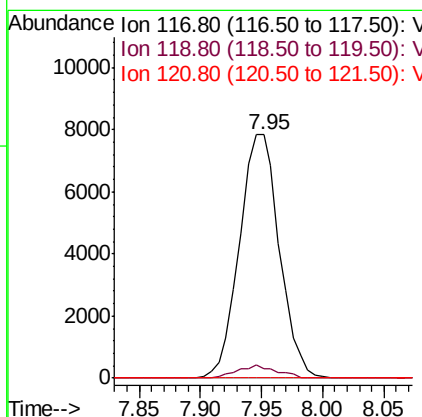
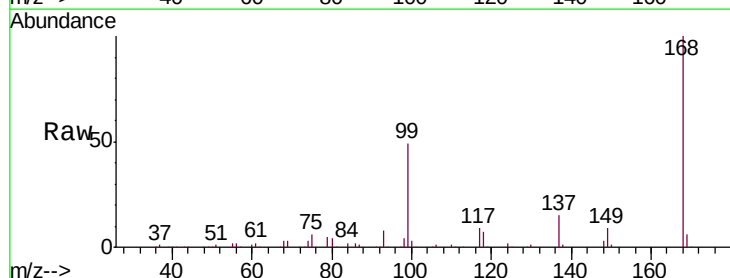
Instrument :
 MSVOA_W
 ClientSampleId :
 B-1A

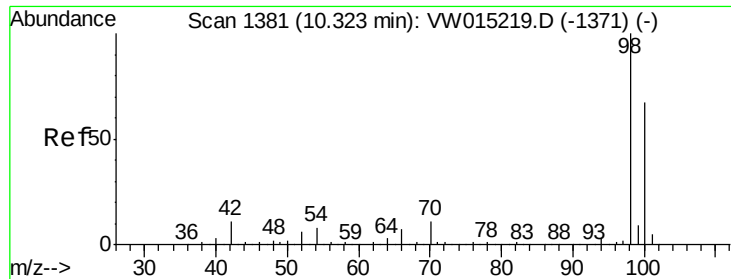
Tgt Ion: 75 Resp: 13030
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.2 54.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.396 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015317.D
 Acq: 22 Apr 2020 19:01

Tgt Ion: 117 Resp: 17785
 Ion Ratio Lower Upper
 117 100
 119 4.0 72.3 108.5#
 121 0.0 23.7 35.5#

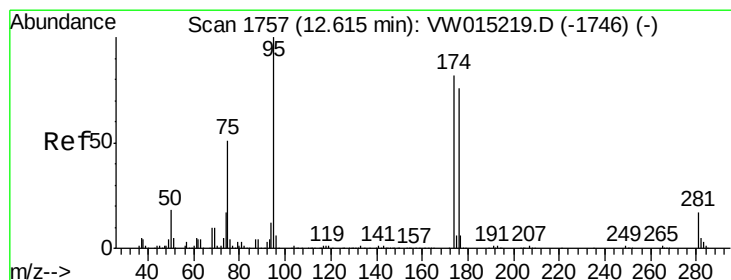
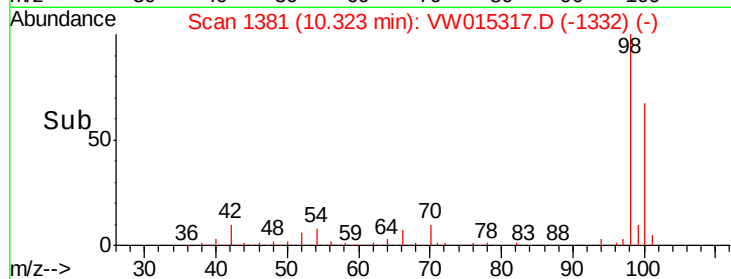
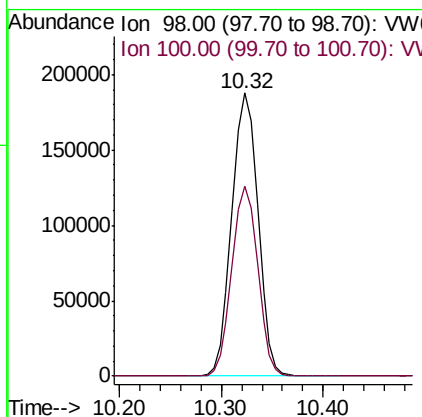
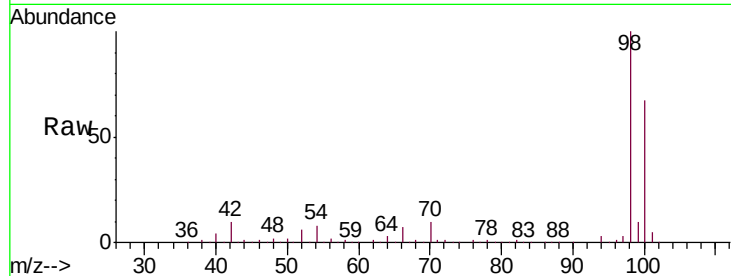




#50
Toluene-d8
Concen: 51.021 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015317.D
Acq: 22 Apr 2020 19:01

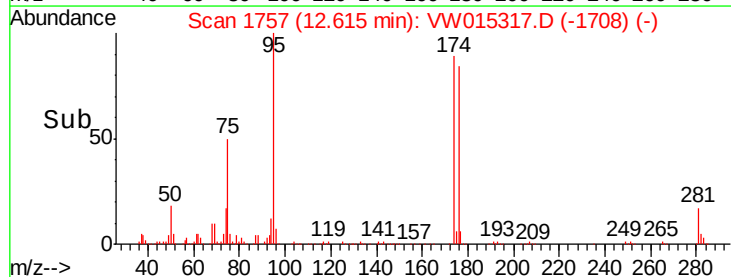
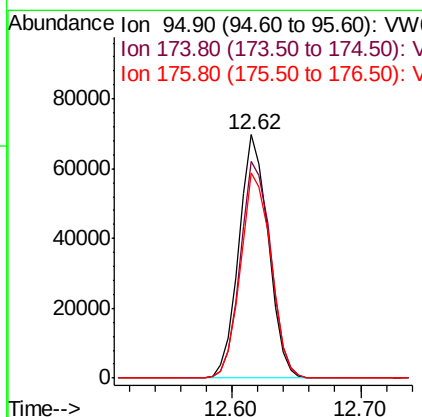
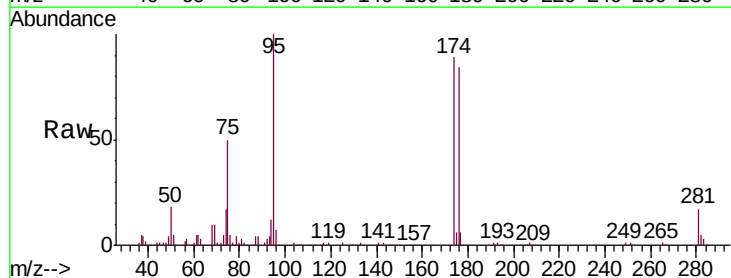
Instrument :
MSVOA_W
ClientSampled :
B-1A

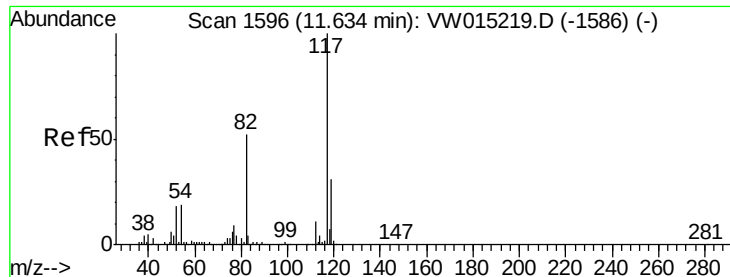
Tgt Ion: 98 Resp: 335186
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.924 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015317.D
Acq: 22 Apr 2020 19:01

Tgt Ion: 95 Resp: 110100
Ion Ratio Lower Upper
95 100
174 91.8 0.0 144.4
176 87.4 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

B-1A

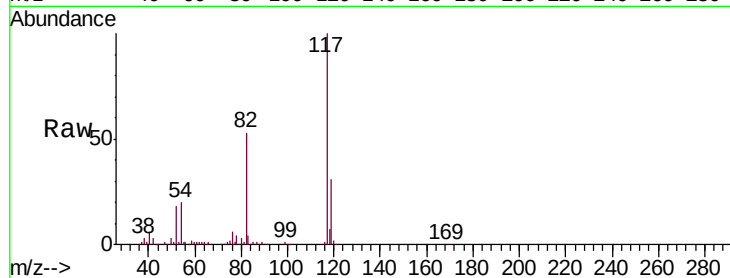
Tgt Ion:117 Resp: 249027

Ion Ratio Lower Upper

117 100

82 53.0 44.1 66.1

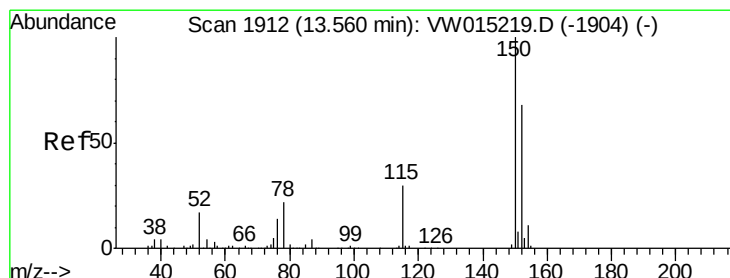
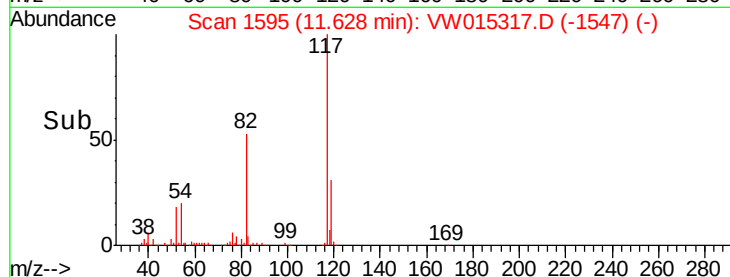
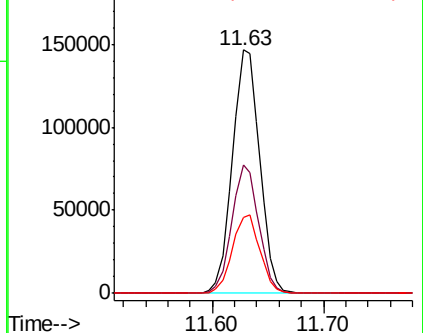
119 31.1 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

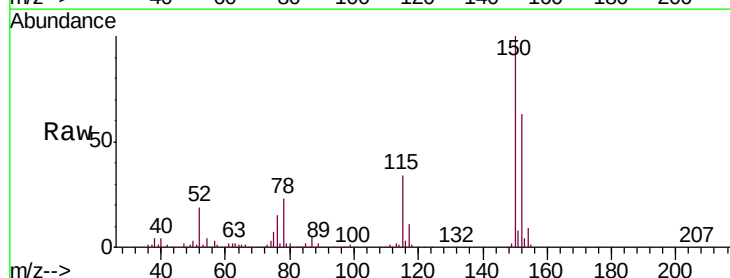
Tgt Ion:152 Resp: 111279

Ion Ratio Lower Upper

152 100

115 56.6 31.3 93.9

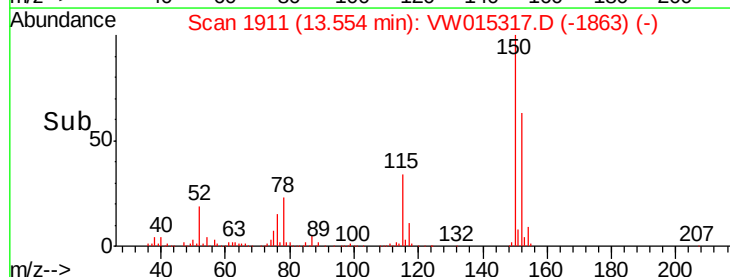
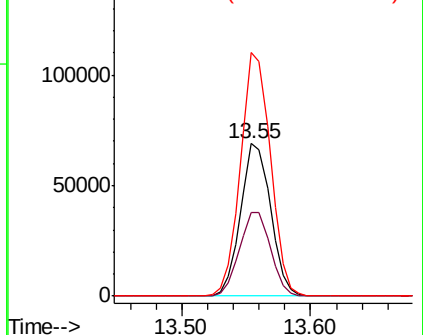
150 159.1 0.0 343.4

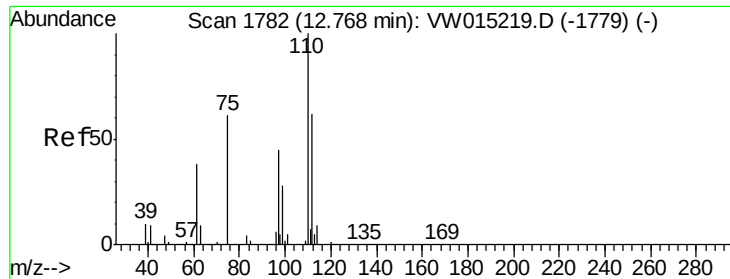


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 65.571 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Instrument :

MSVOA_W

ClientSampleId :

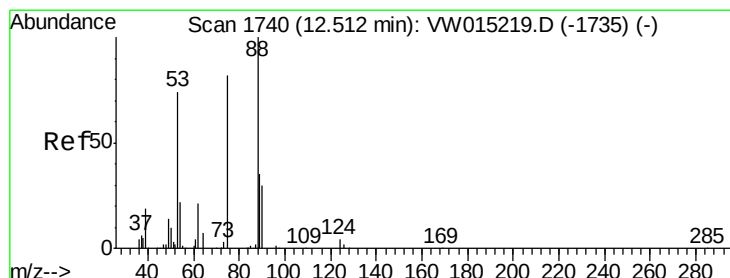
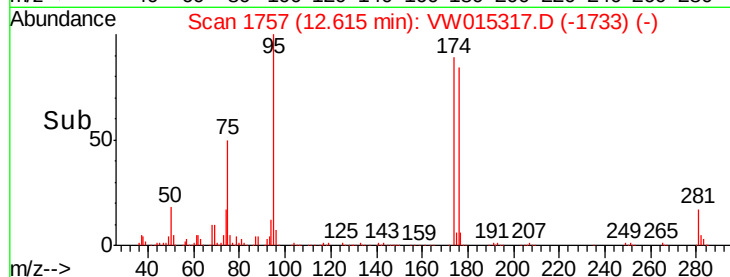
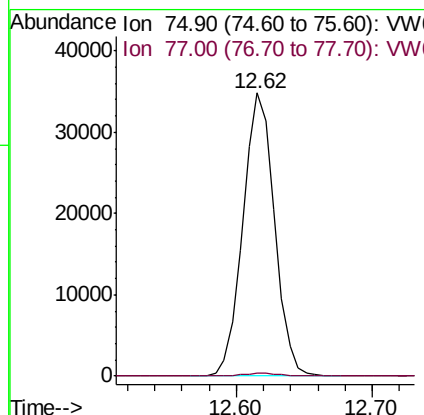
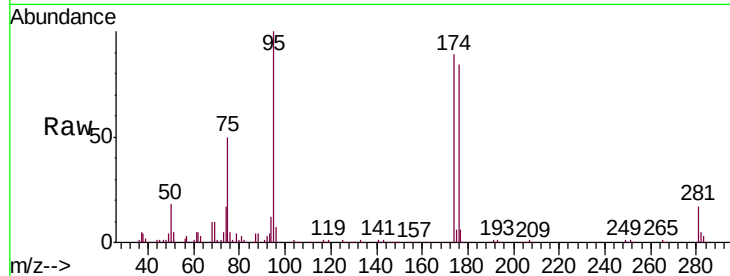
B-1A

Tgt Ion: 75 Resp: 56448

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.340 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015317.D

Acq: 22 Apr 2020 19:01

Tgt Ion: 75 Resp: 56448

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.2 34.8 52.2#

