

Data File : VW015315.D
Acq On : 22 Apr 2020 18:11
Operator : SY/VA
Sample : L2397-01
Misc : 5.49G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Quant Time: Apr 23 07:05:03 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	196572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	279672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	84825	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.88	113	82407	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.32	98	331147	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	108421	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	

Target Compounds

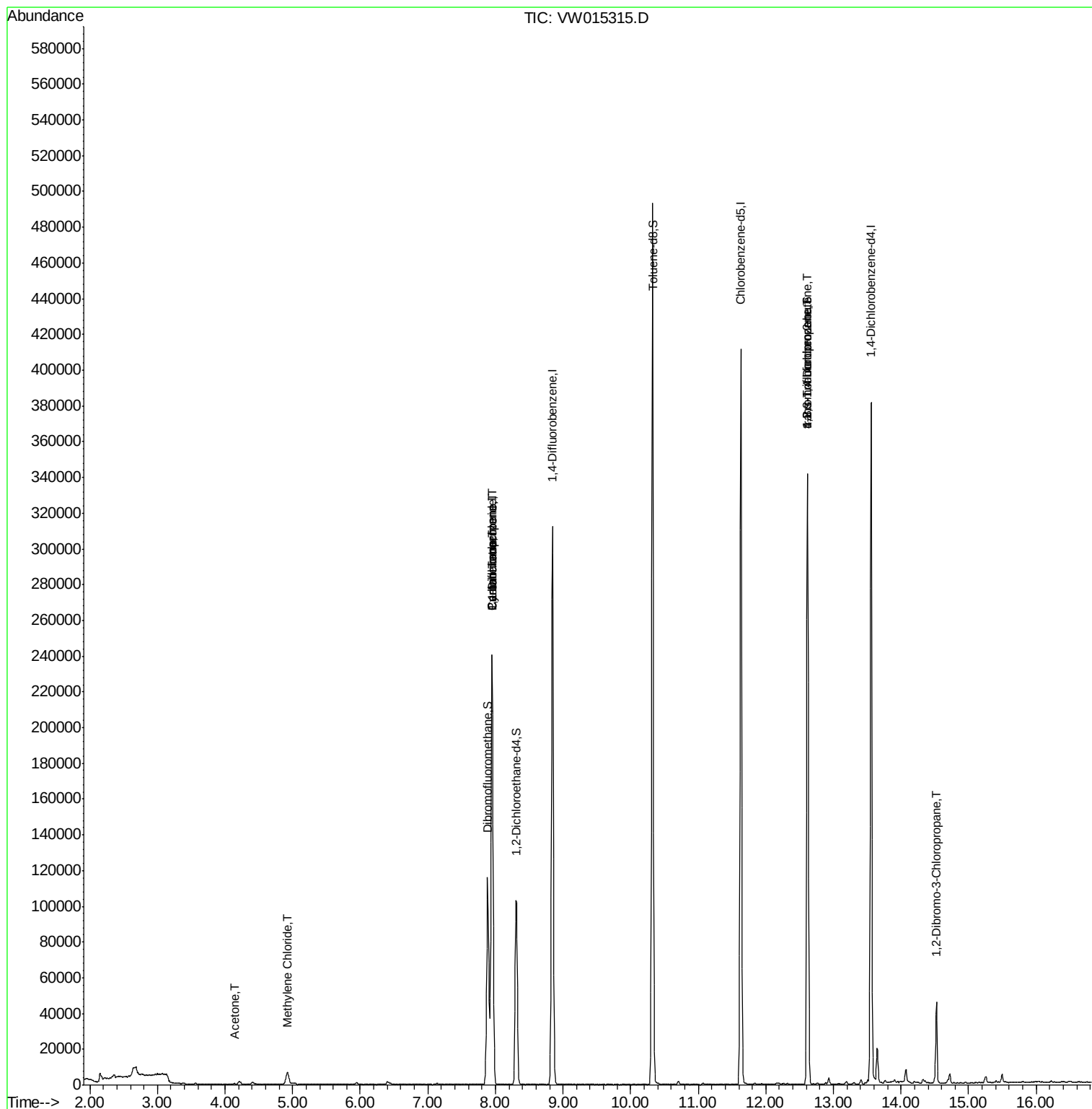
						Qvalue
16) Acetone	4.14	43	1017	3.622	ug/l #	82
20) Methylene Chloride	4.92	84	5503	2.991	ug/l	94
31) Cyclohexane	7.95	56	3714	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13291	5.265	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17257	6.256	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	53991	62.751	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	53991	137.174	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.53	75	324	1.635	ug/l #	2

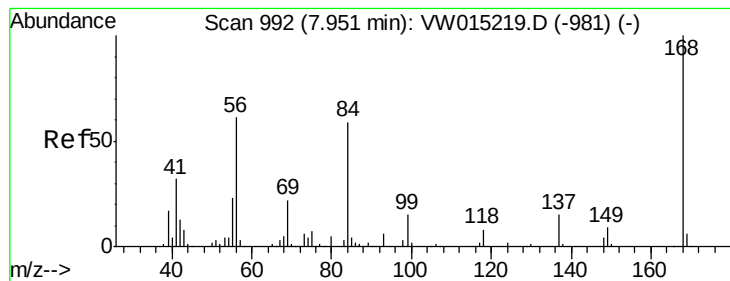
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 21 06:39:58 2020
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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: VW015315.D

Acq: 22 Apr 2020 18:11

Instrument :

MSVOA_W

ClientSampled :

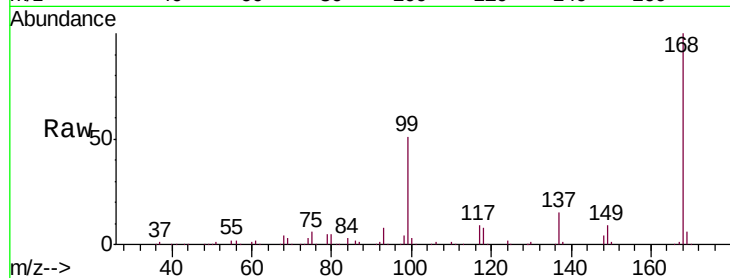
TP-1

Tgt Ion:168 Resp: 196572

Ion Ratio Lower Upper

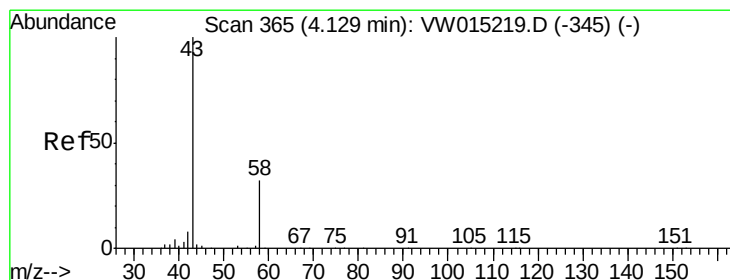
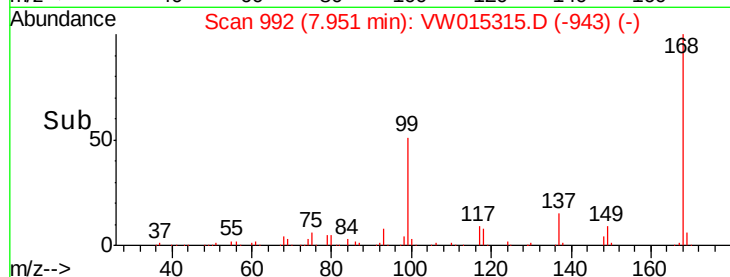
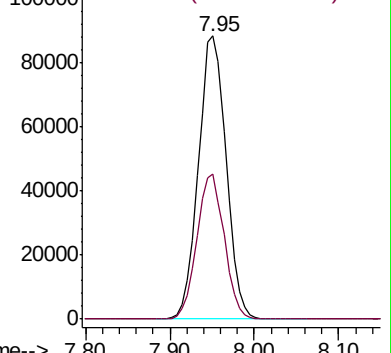
168 100

99 51.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.622 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015315.D

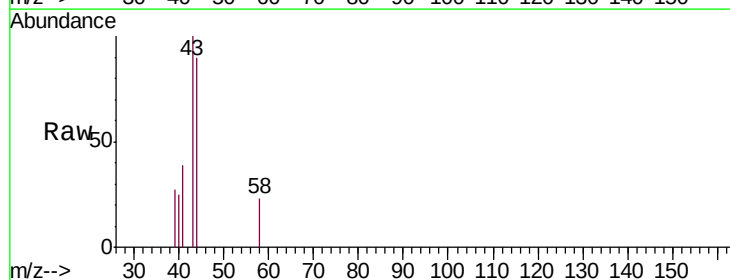
Acq: 22 Apr 2020 18:11

Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

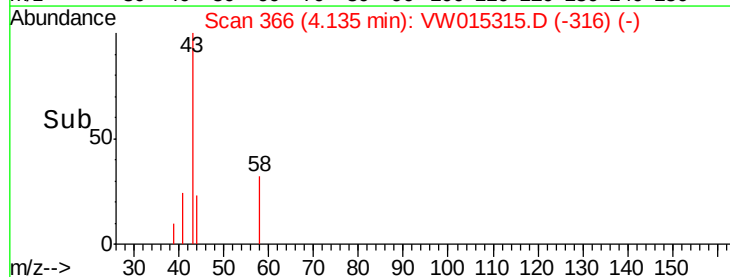
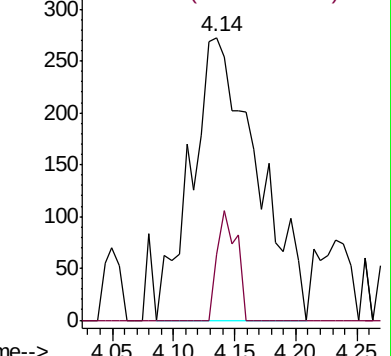
43 100

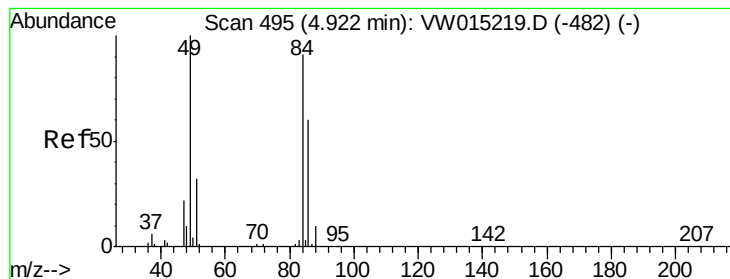
58 23.4 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.991 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015315.D

Acq: 22 Apr 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 5503

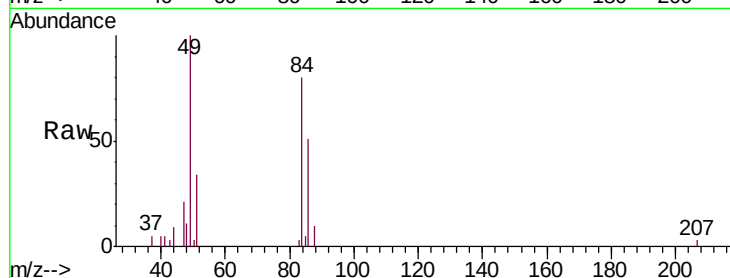
Ion Ratio Lower Upper

84 100

49 124.4 95.4 143.0

51 41.8 29.8 44.8

86 63.7 47.4 71.0



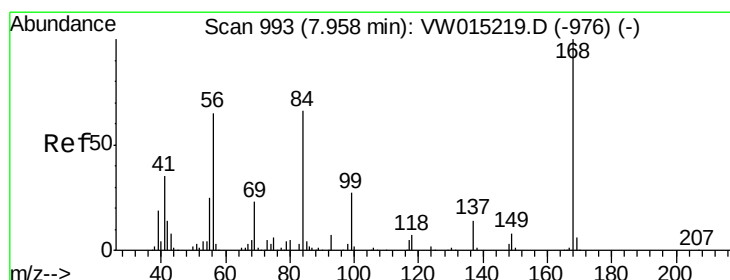
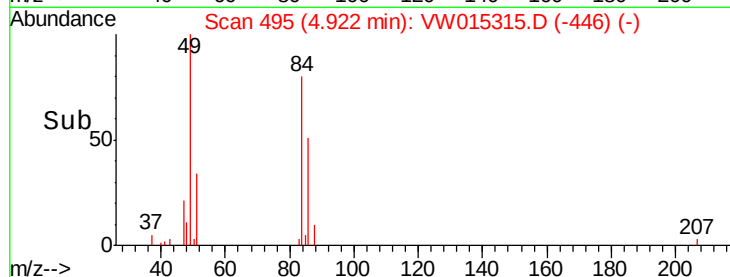
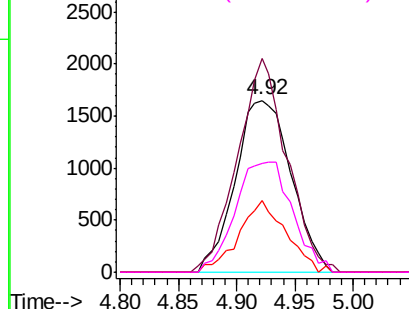
Abundance

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



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015315.D

Acq: 22 Apr 2020 18:11

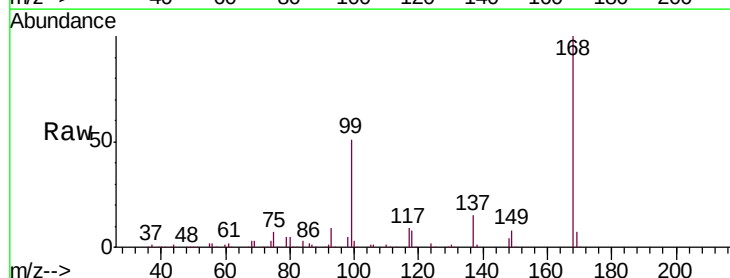
Tgt Ion: 56 Resp: 3714

Ion Ratio Lower Upper

56 100

69 166.0 27.1 40.7#

84 145.0 71.9 107.9#

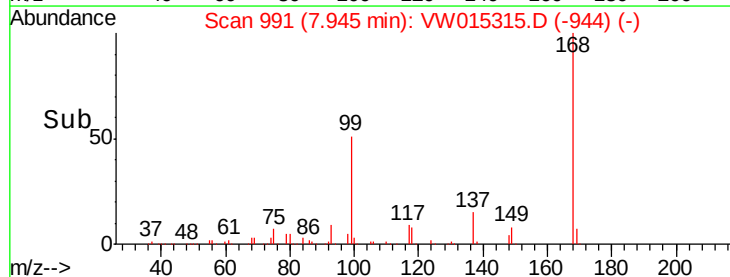
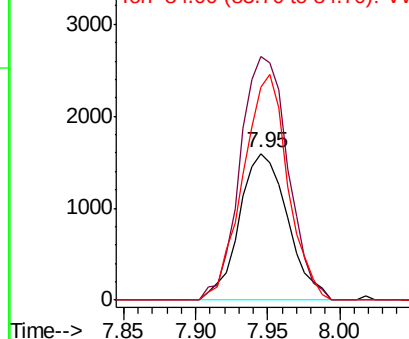


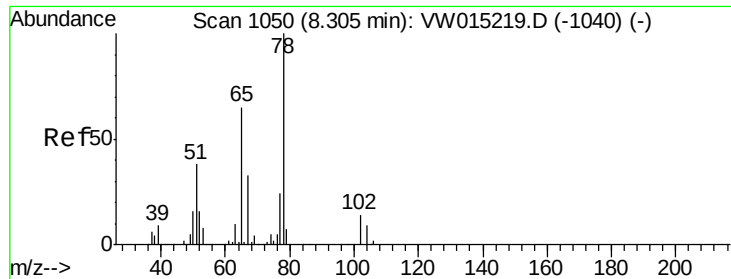
Abundance

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

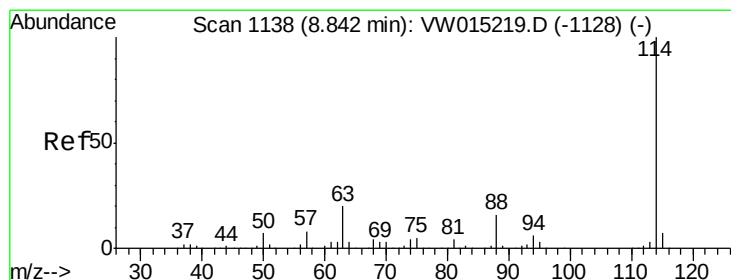
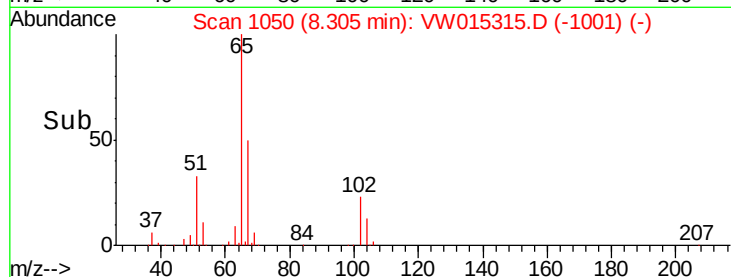
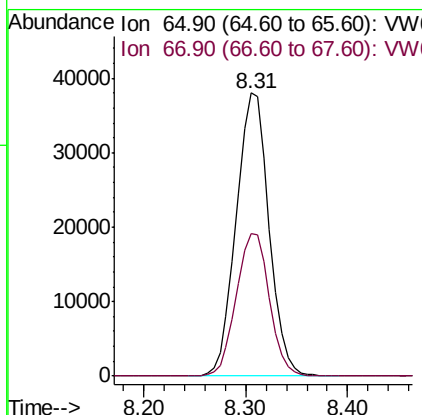
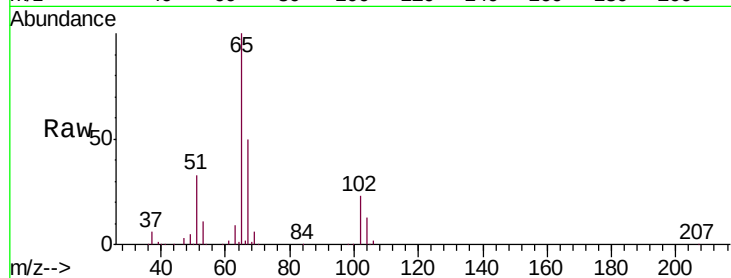




#33
 1,2-Dichloroethane-d4
 Concen: 52.770 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015315.D
 Acq: 22 Apr 2020 18:11

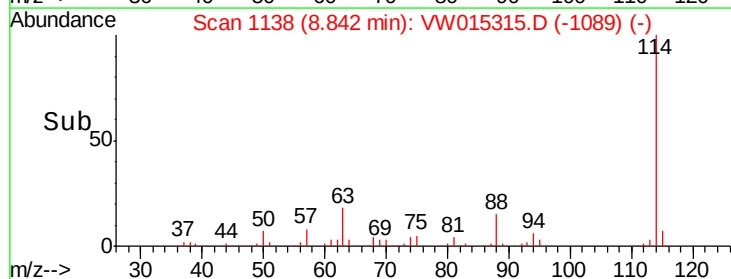
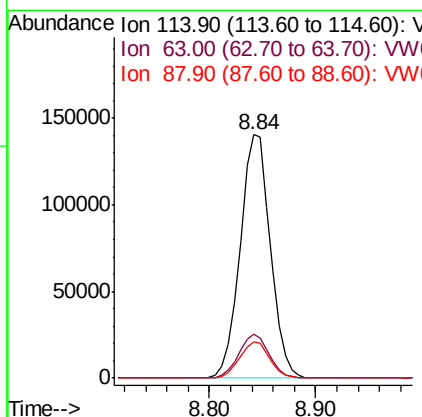
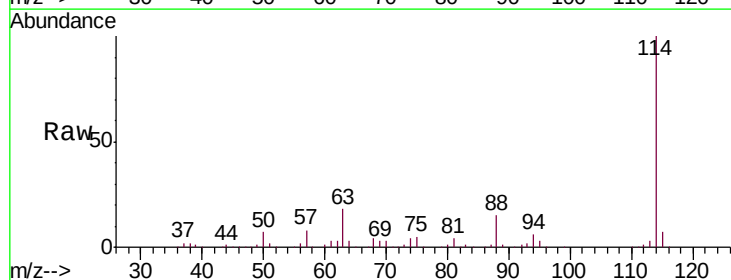
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

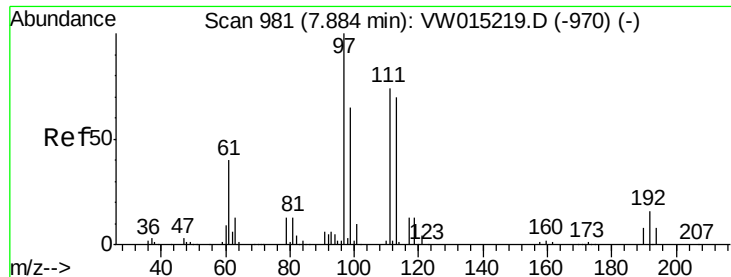
Tgt Ion: 65 Resp: 84825
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015315.D
 Acq: 22 Apr 2020 18:11

Tgt Ion: 114 Resp: 279672
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.8
 88 15.2 0.0 30.2

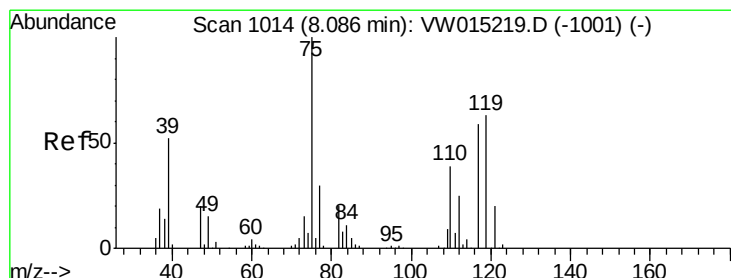
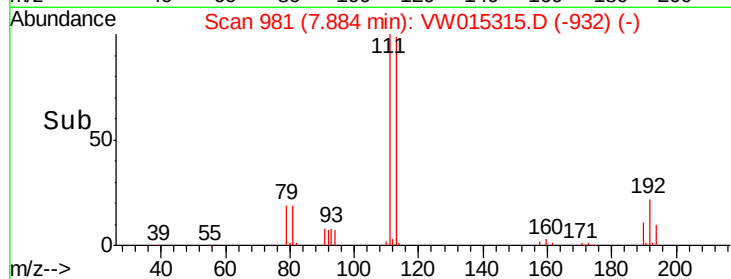
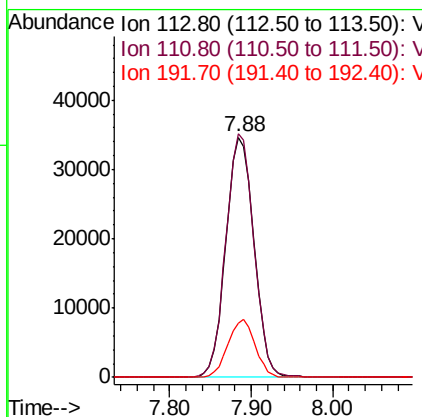
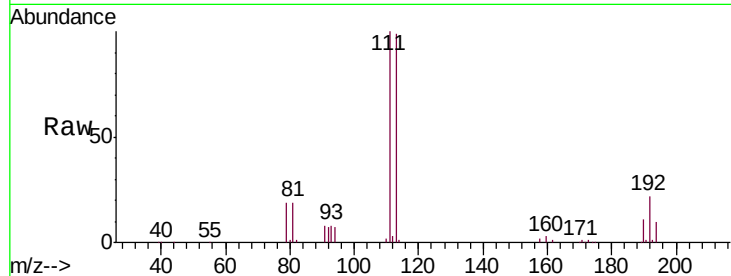




#35
 Dibromofluoromethane
 Concen: 53.195 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015315.D
 Acq: 22 Apr 2020 18:11

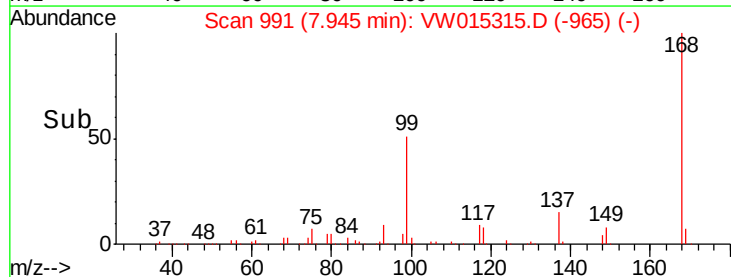
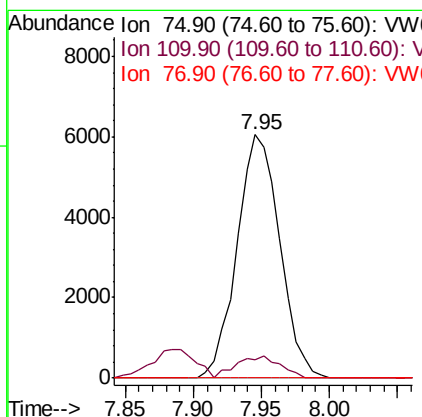
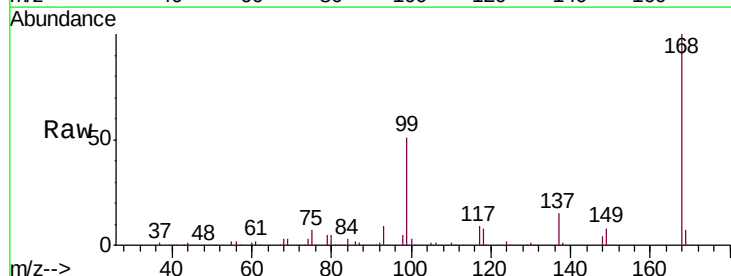
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

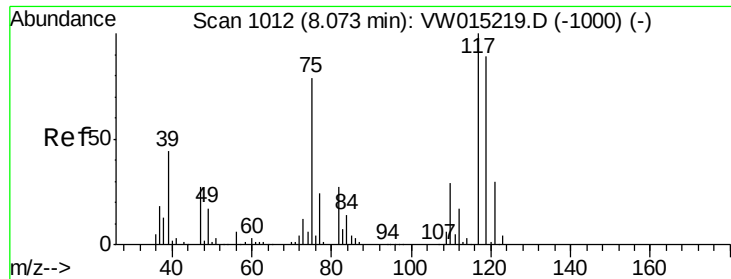
Tgt Ion:113 Resp: 82407
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.0 124.4
 192 23.2 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.265 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015315.D
 Acq: 22 Apr 2020 18:11

Tgt Ion: 75 Resp: 13291
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.2 54.6#
 77 0.0 24.5 36.7#

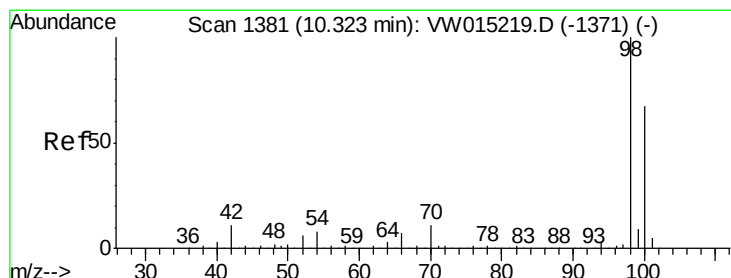
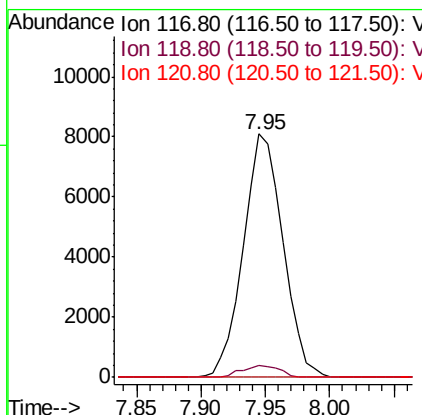
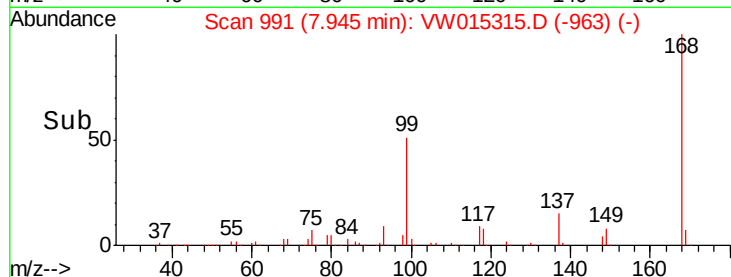
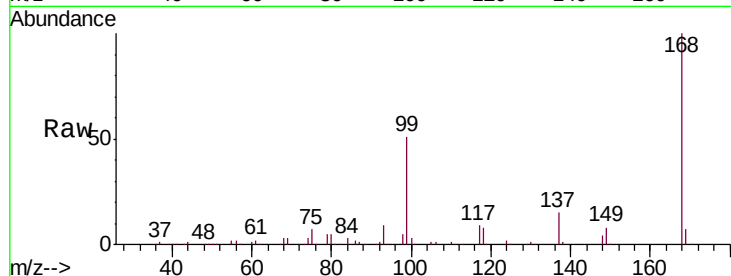




#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015315.D
Acq: 22 Apr 2020 18:11

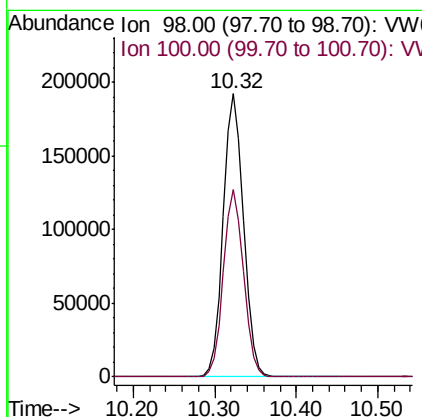
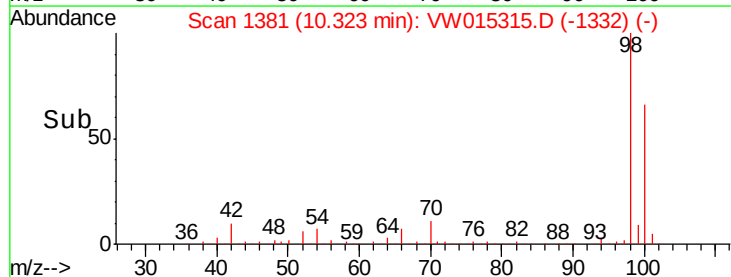
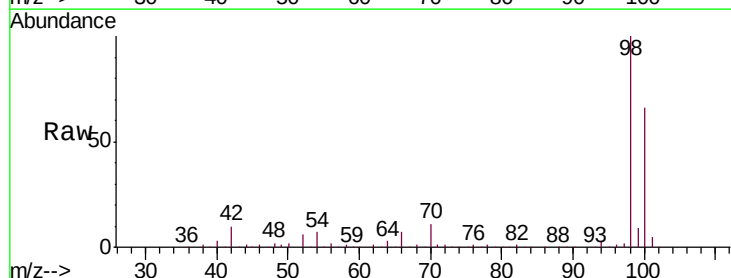
Instrument :
MSVOA_W
ClientSampled :
TP-1

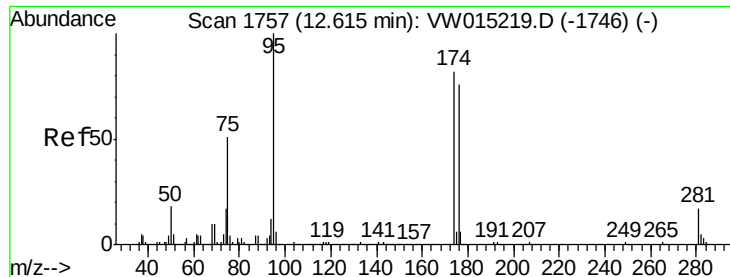
Tgt Ion: 117 Resp: 17257
Ion Ratio Lower Upper
117 100
119 4.9 72.3 108.5#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 50.814 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015315.D
Acq: 22 Apr 2020 18:11

Tgt Ion: 98 Resp: 331147
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3

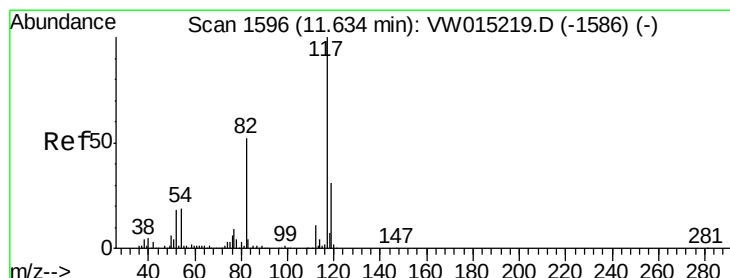
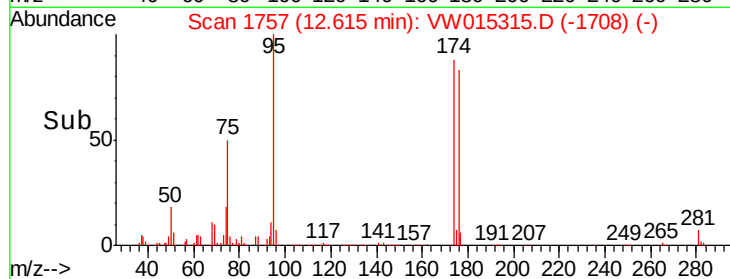
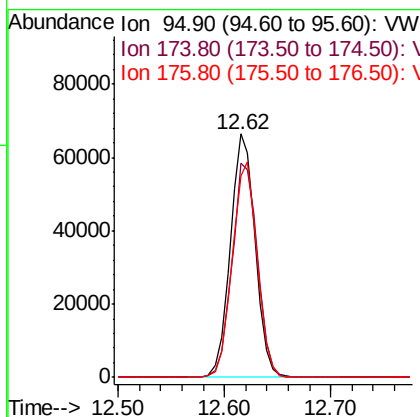
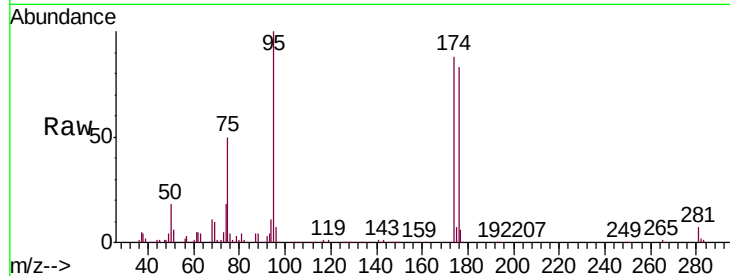




#62
4-Bromofluorobenzene
Concen: 43.604 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015315.D
Acq: 22 Apr 2020 18:11

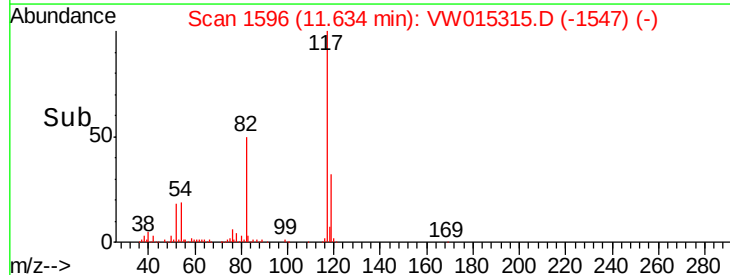
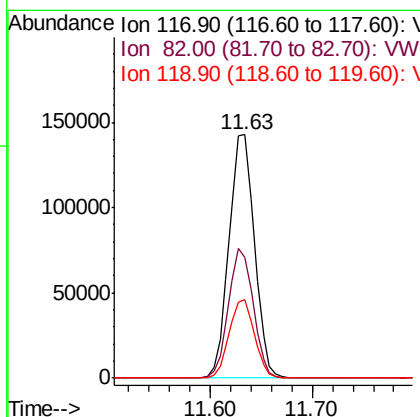
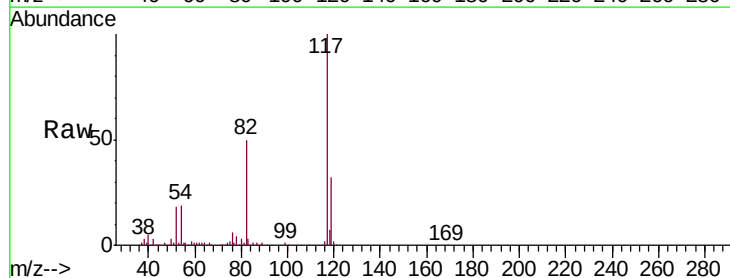
Instrument :
MSVOA_W
ClientSampleId :
TP-1

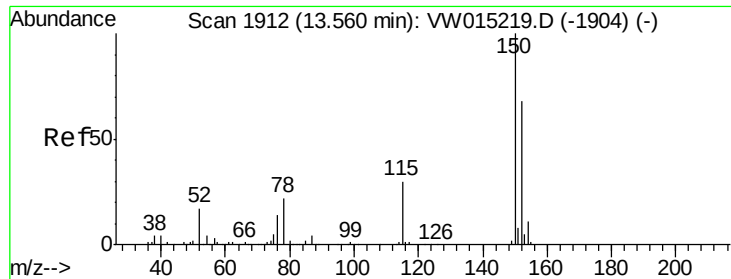
Tgt Ion: 95 Resp: 108421
Ion Ratio Lower Upper
95 100
174 90.1 0.0 144.4
176 88.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015315.D
Acq: 22 Apr 2020 18:11

Tgt Ion: 117 Resp: 245437
Ion Ratio Lower Upper
117 100
82 49.5 44.1 66.1
119 31.9 24.9 37.3



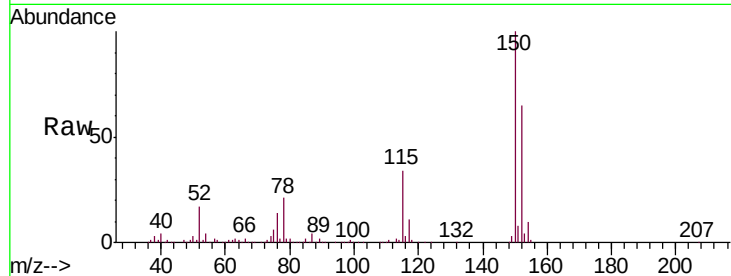


#72

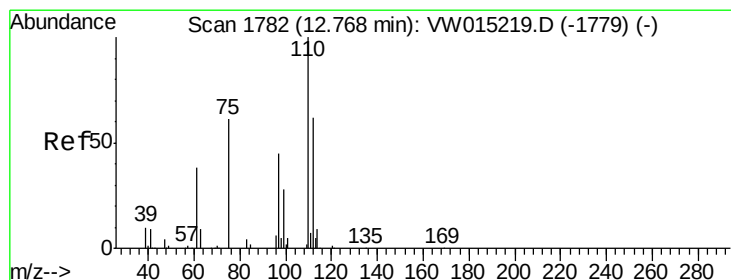
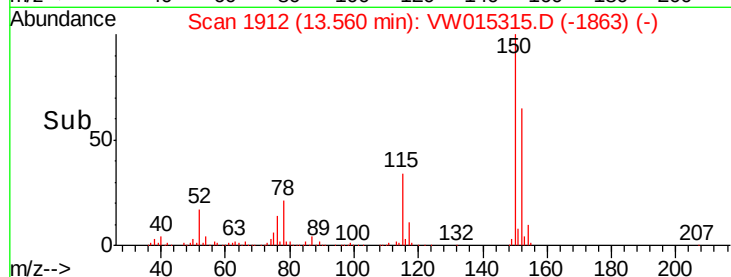
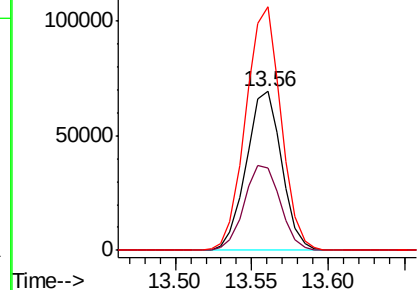
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015315.D
Acq: 22 Apr 2020 18:11

Instrument :
MSVOA_W
ClientSampled :
TP-1

Tgt Ion:152 Resp: 111219
Ion Ratio Lower Upper
152 100
115 54.9 31.3 93.9
150 152.6 0.0 343.4



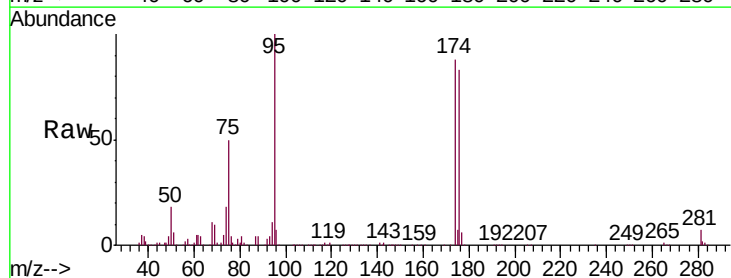
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



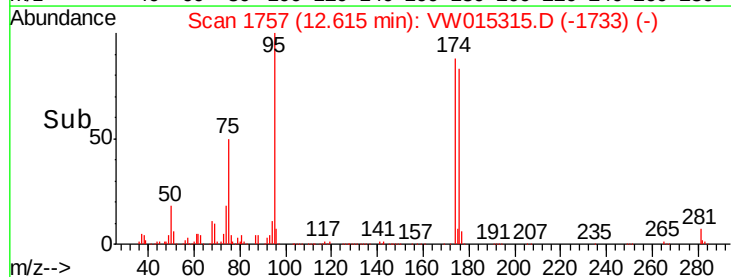
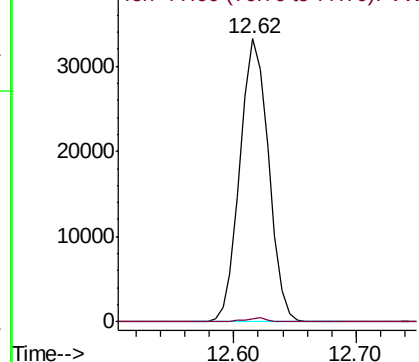
#76

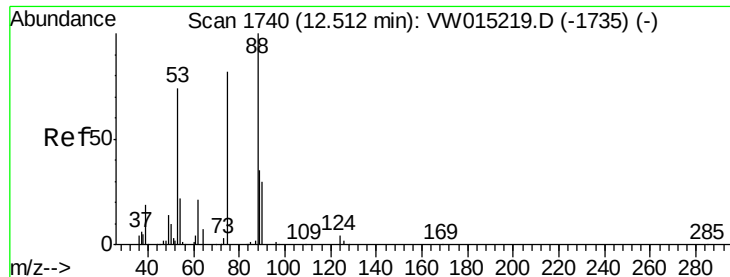
1,2,3-Trichloropropane
Concen: 62.751 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015315.D
Acq: 22 Apr 2020 18:11

Tgt Ion: 75 Resp: 53991
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: 137.174 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015315.D

Acq: 22 Apr 2020 18:11

Instrument :

MSVOA_W

ClientSampleId :

TP-1

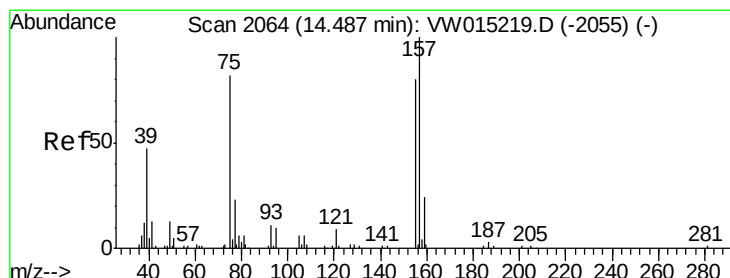
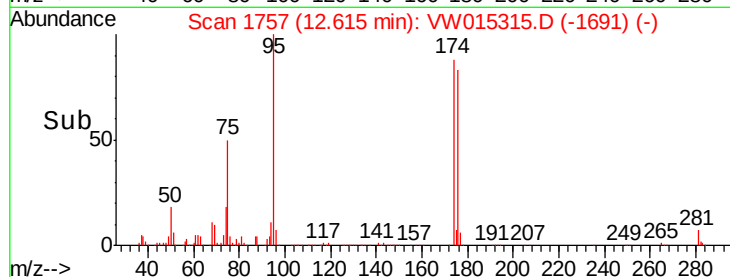
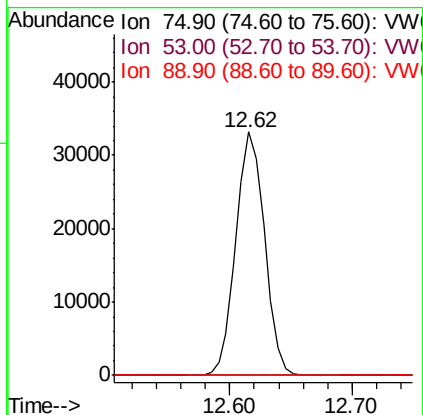
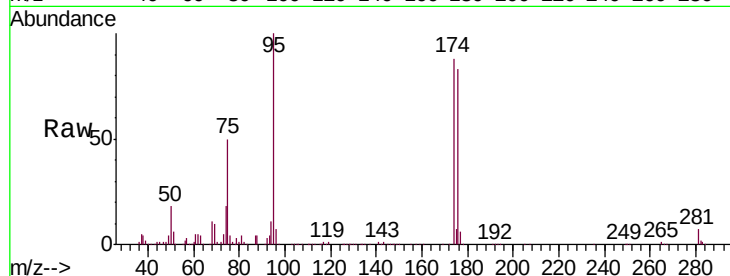
Tgt Ion: 75 Resp: 53991

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.635 ug/l

RT: 14.53 min Scan# 2071

Delta R.T. 0.04 min

Lab File: VW015315.D

Acq: 22 Apr 2020 18:11

Tgt Ion: 75 Resp: 324

Ion Ratio Lower Upper

75 100

155 0.0 41.6 124.9#

157 0.0 53.8 161.2#

