

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015238.D
 Acq On : 20 Apr 2020 21:47
 Operator : SY/VA
 Sample : L2346-10
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-6A

Quant Time: Apr 21 06:58:43 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

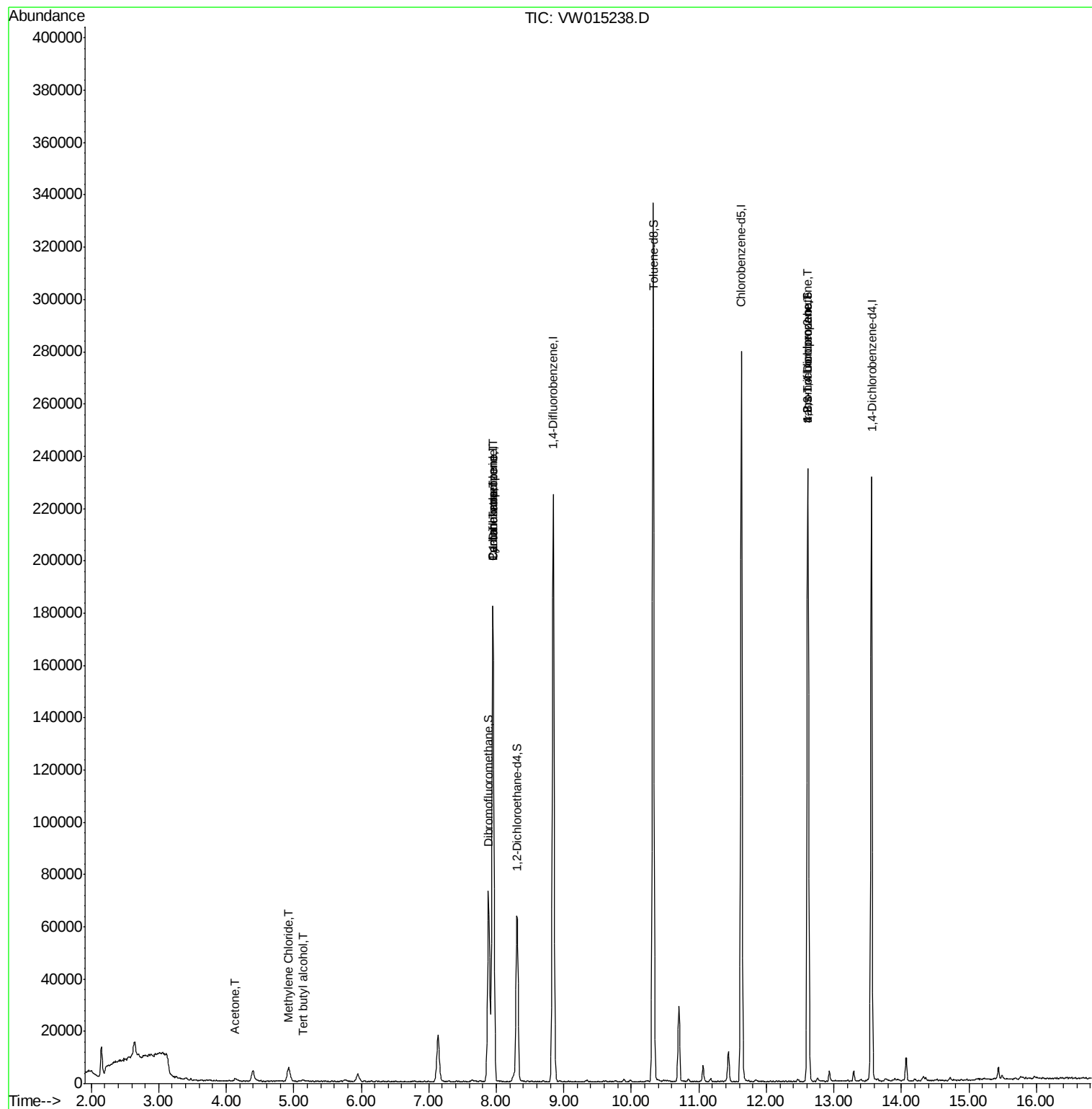
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	202873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	65201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	50350	41.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.62%	
35) Dibromofluoromethane	7.88	113	51734	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
50) Toluene-d8	10.32	98	230228	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.62	95	69209	38.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.74%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	389	3.963	ug/l #	40
16) Acetone	4.13	43	1505	7.156	ug/l	93
20) Methylene Chloride	4.93	84	4226	3.066	ug/l	88
31) Cyclohexane	7.95	56	3016	1.354	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	9725	5.311	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12881	6.437	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	35003	69.395	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35003	151.699	ug/l #	15

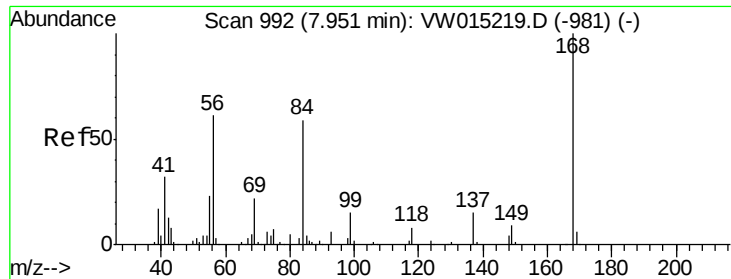
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
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Quant Time: Apr 21 06:58:43 2020
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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: VW015238.D

Acq: 20 Apr 2020 21:47

Instrument :

MSVOA_W

ClientSampled :

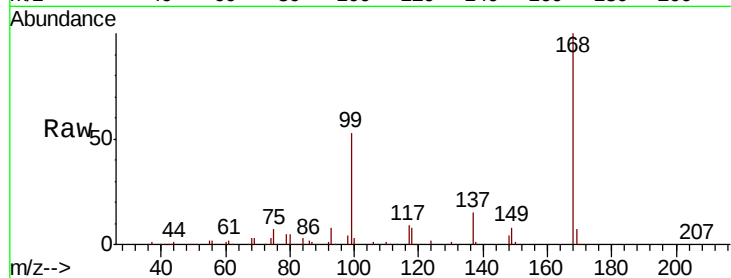
S-6A

Tot Ion:168 Resp: 147256

Ion Ratio Lower Upper

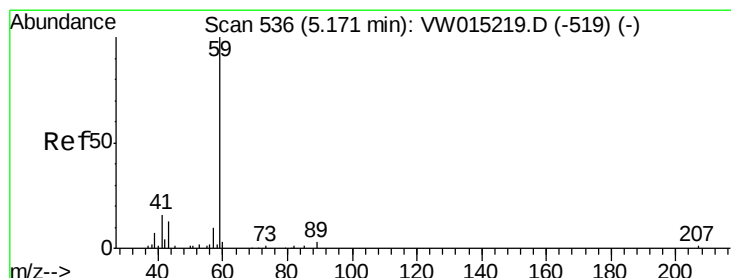
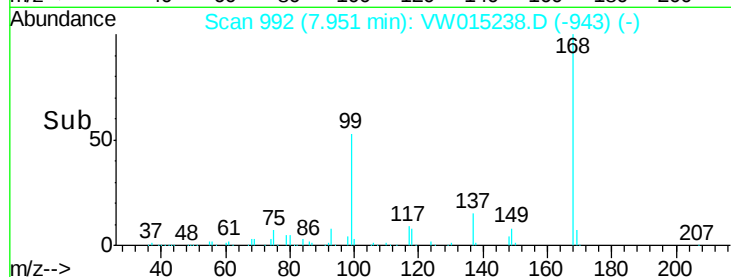
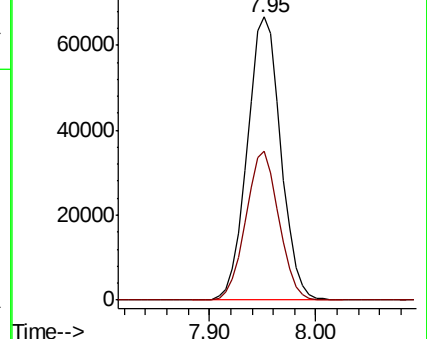
168 100

99 52.8 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: 3.963 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW015238.D

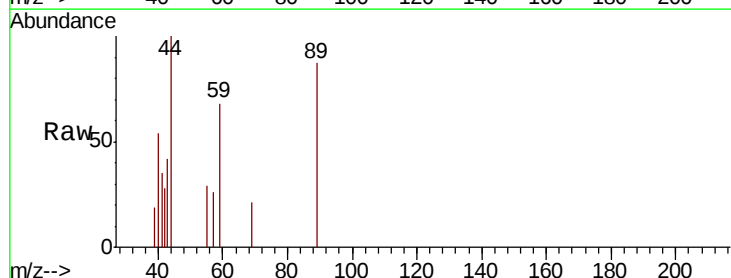
Acq: 20 Apr 2020 21:47

Tgt Ion: 59 Resp: 389

Ion Ratio Lower Upper

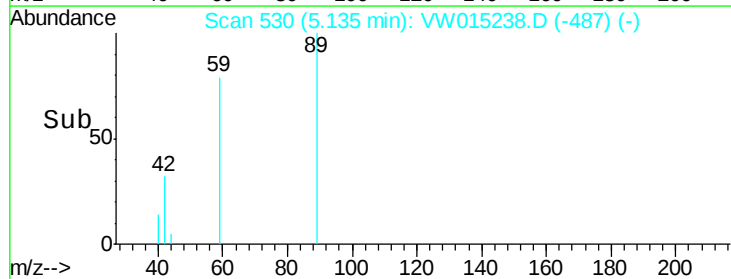
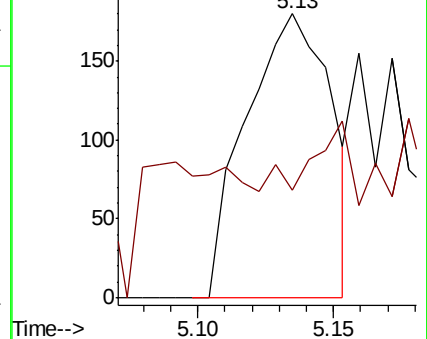
59 100

57 32.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

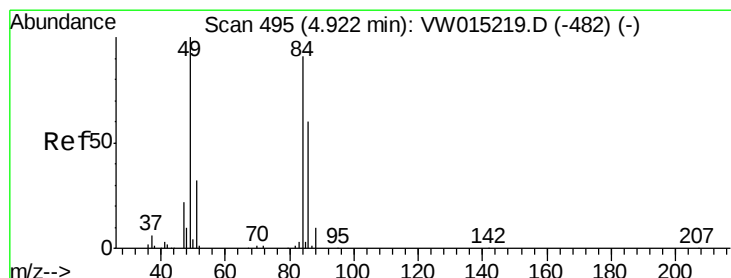
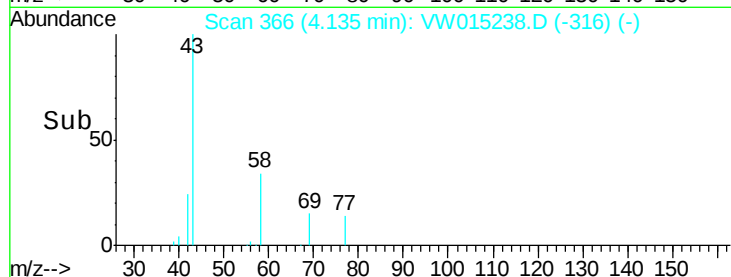
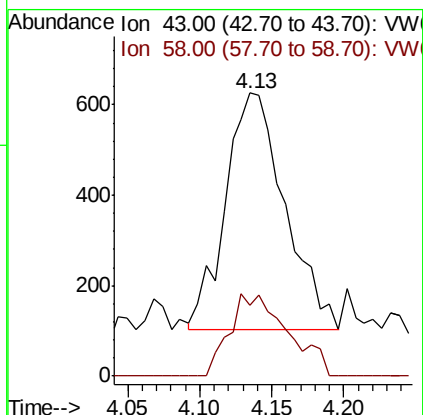
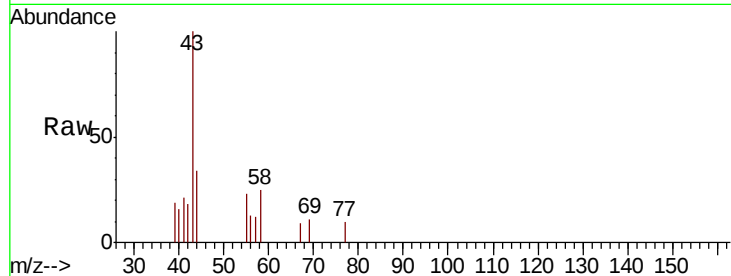




#16
Acetone
Concen: 7.156 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015238.D
Acq: 20 Apr 2020 21:47

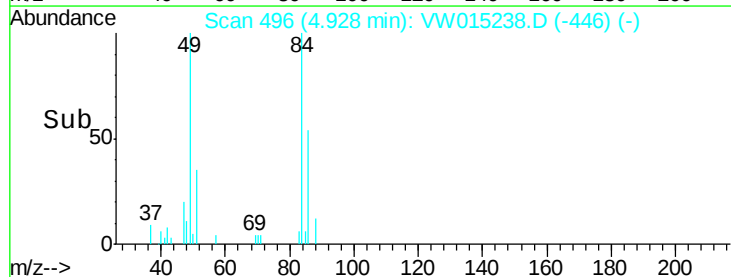
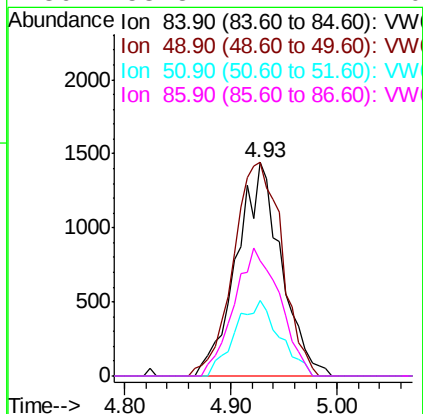
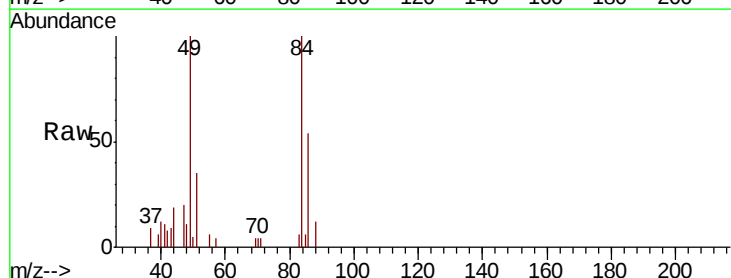
Instrument :
MSVOA_W
ClientSampled :
S-6A

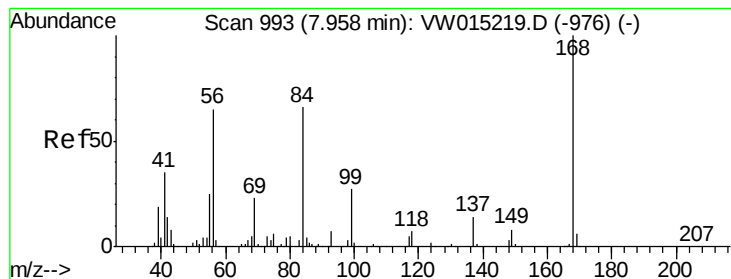
Tot Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 29.8 27.0 40.4



#20
Methylene Chloride
Concen: 3.066 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015238.D
Acq: 20 Apr 2020 21:47

Tgt Ion: 84 Resp: 4226
Ion Ratio Lower Upper
84 100
49 100.1 95.4 143.0
51 35.5 29.8 44.8
86 53.8 47.4 71.0





#31

Cyclohexane

Concen: 1.354 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

Instrument :

MSVOA_W

ClientSampled :

S-6A

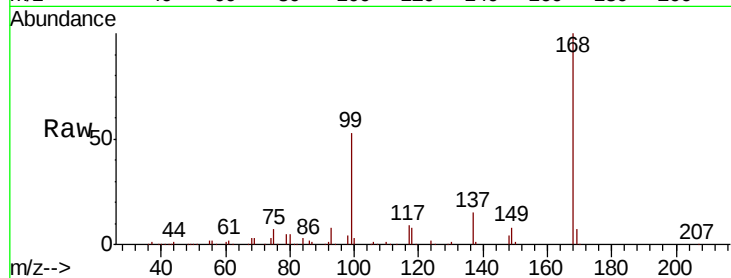
Tot Ion: 56 Resp: 3016

Ion Ratio Lower Upper

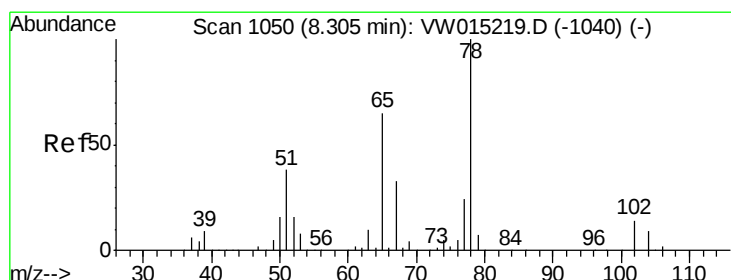
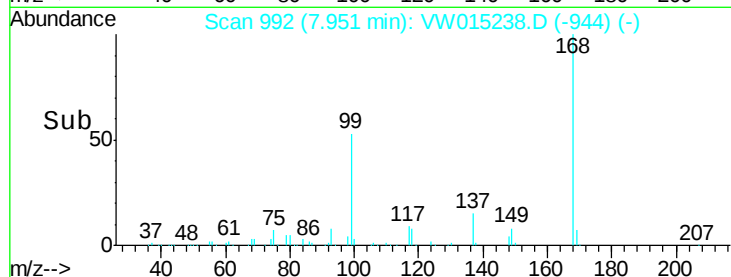
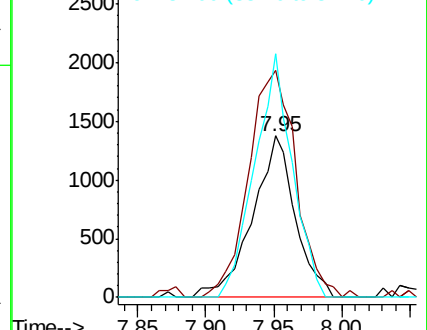
56 100

69 140.5 27.1 40.7#

84 150.9 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: 41.813 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015238.D

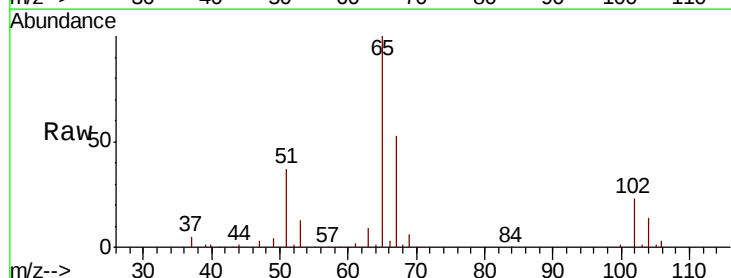
Acq: 20 Apr 2020 21:47

Tgt Ion: 65 Resp: 50350

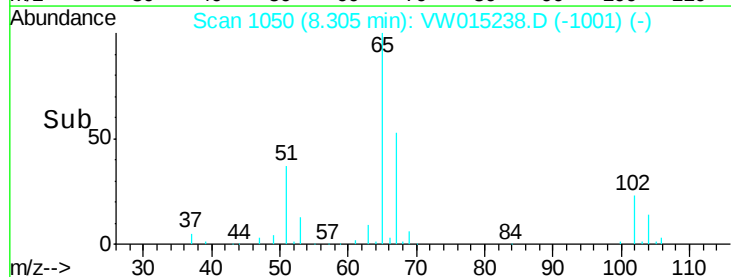
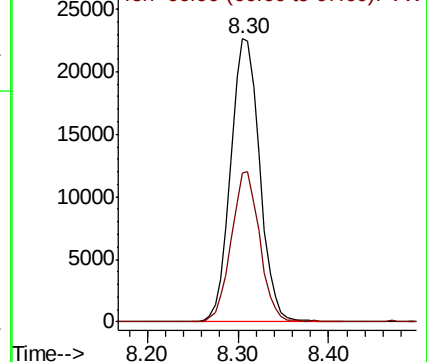
Ion Ratio Lower Upper

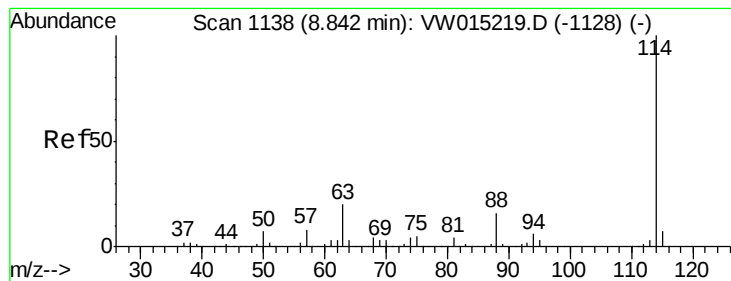
65 100

67 52.0 0.0 107.0



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: VW015238.D

Acq: 20 Apr 2020 21:47

Instrument :

MSVOA_W

ClientSampled :

S-6A

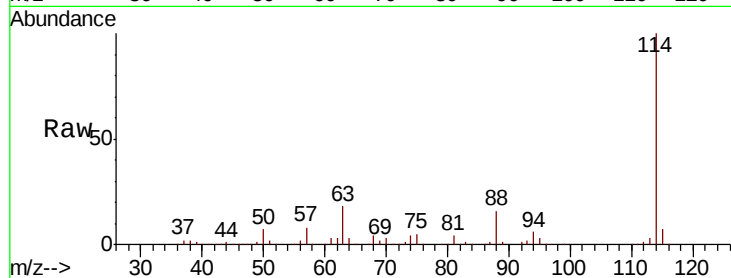
Tot Ion:114 Resp: 202873

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.8

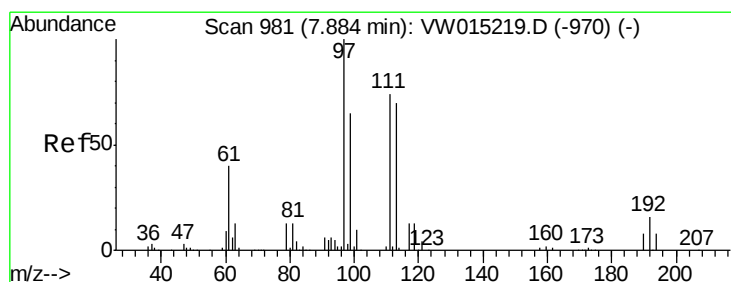
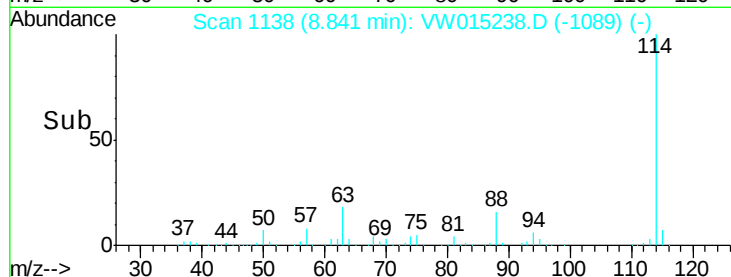
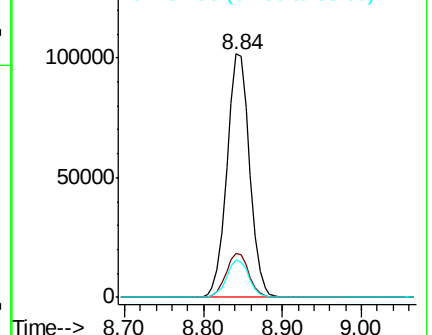
88 15.5 0.0 30.2



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: 46.037 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

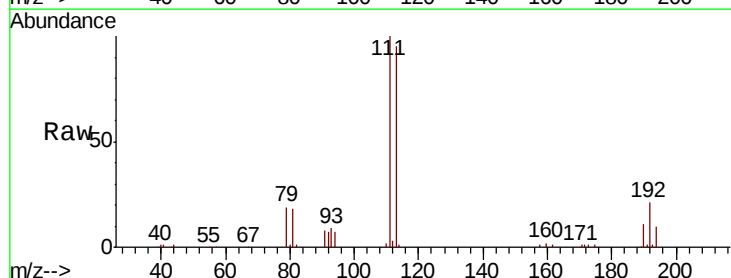
Tgt Ion:113 Resp: 51734

Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.4

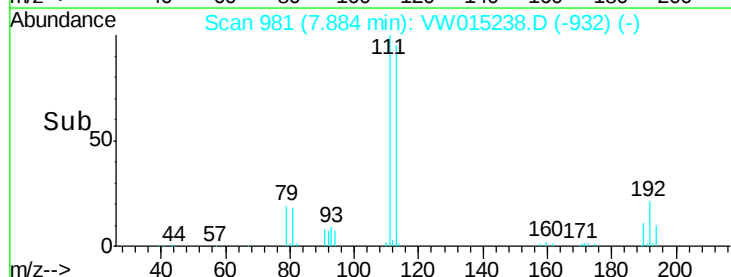
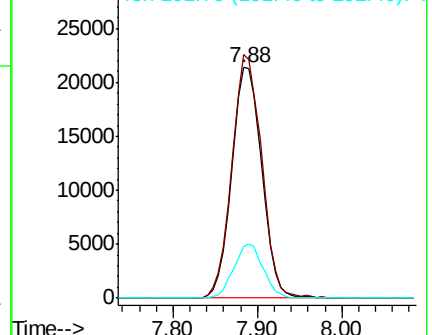
192 22.7 15.1 22.7#

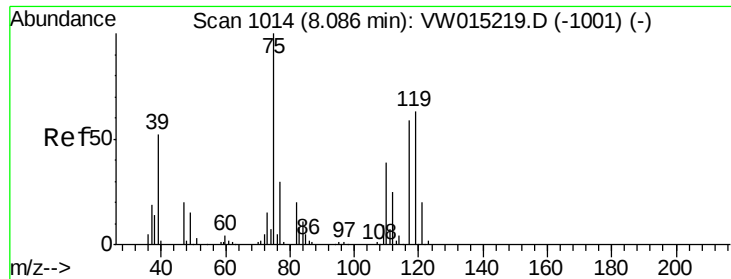


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

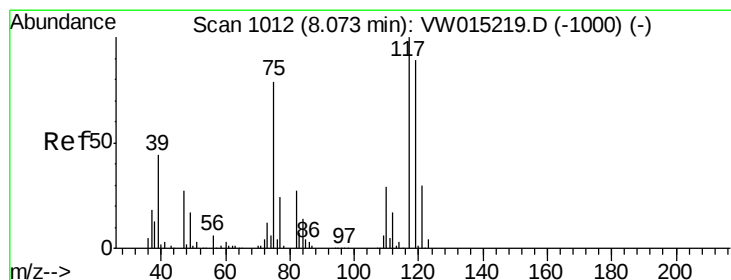
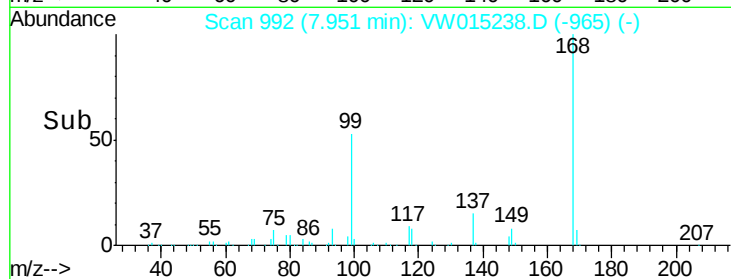
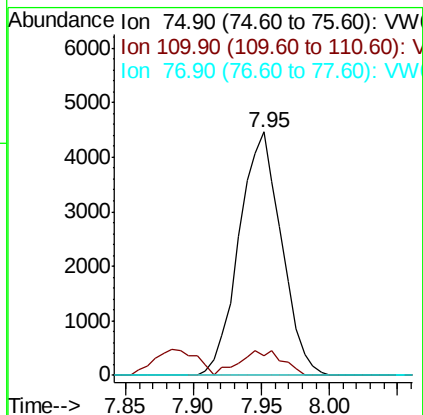
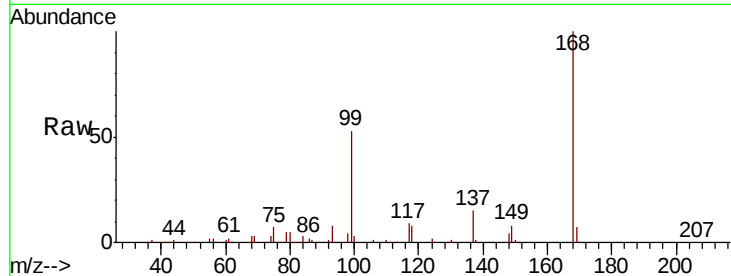




#36
 1,1-Dichloropropene
 Concen: 5.311 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015238.D
 Acq: 20 Apr 2020 21:47

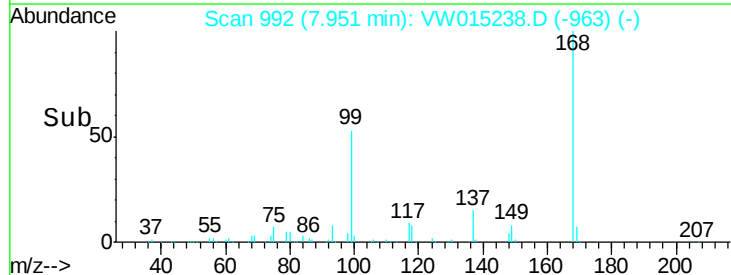
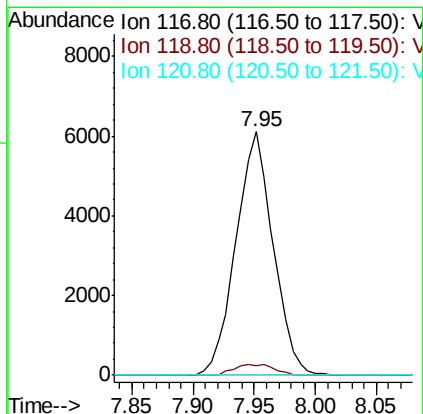
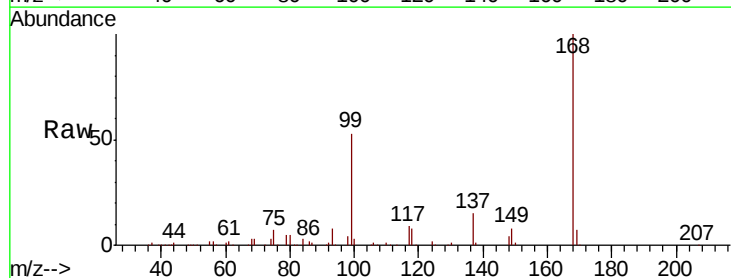
Instrument :
 MSVOA_W
 ClientSampleId :
 S-6A

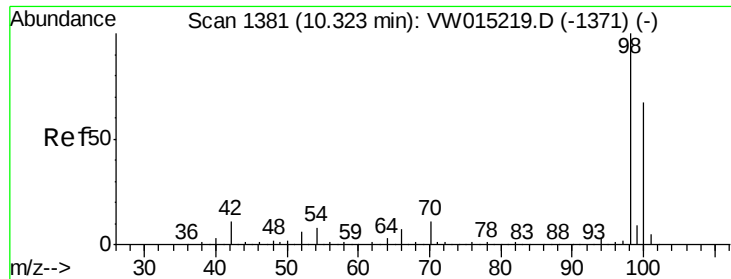
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.2	54.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.437 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015238.D
 Acq: 20 Apr 2020 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	72.3	108.5#
121	0.0	23.7	35.5#





#50

Toluene-d8

Concen: 48.702 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

Instrument :

MSVOA_W

ClientSampleId :

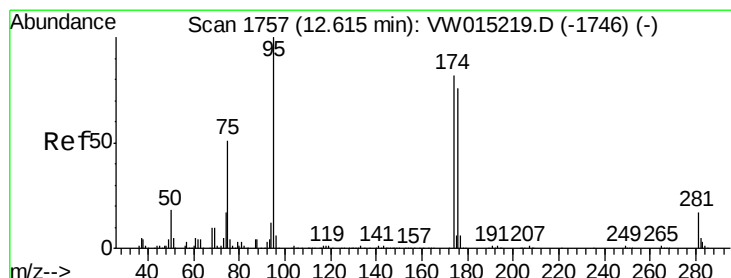
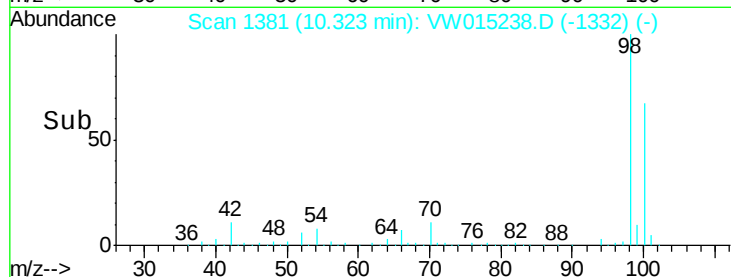
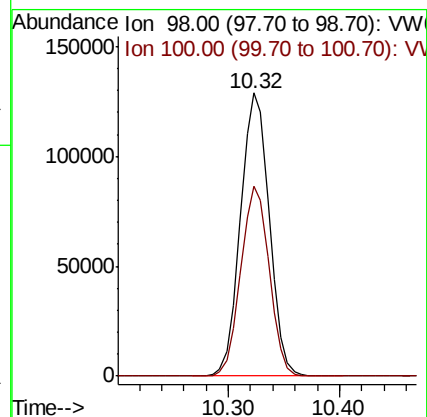
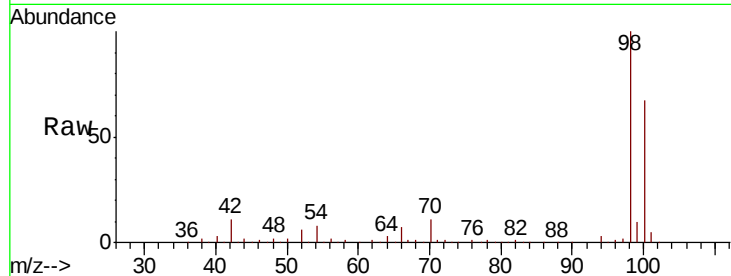
S-6A

Tot Ion: 98 Resp: 230228

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 38.371 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

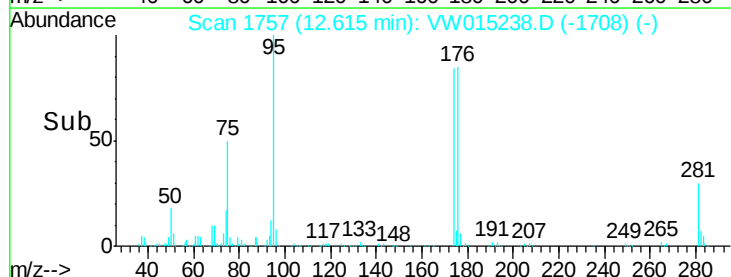
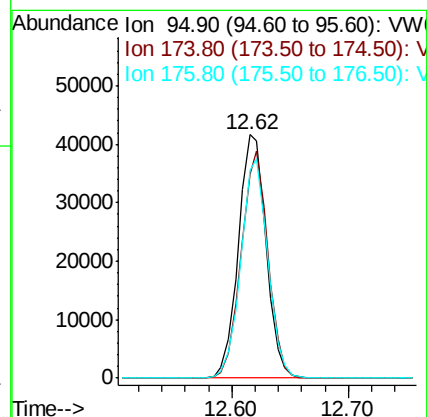
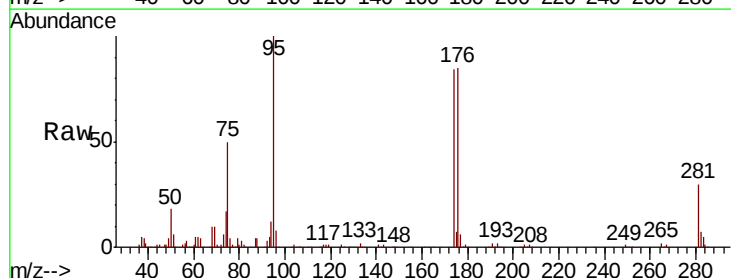
Tgt Ion: 95 Resp: 69209

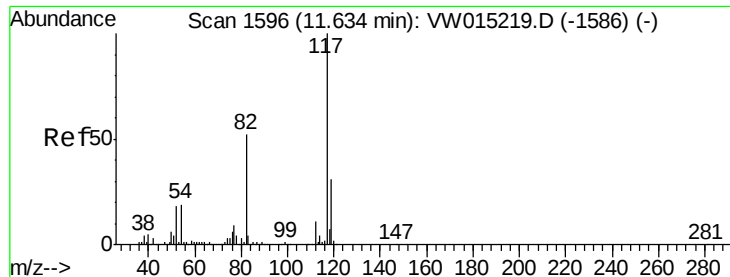
Ion Ratio Lower Upper

95 100

174 89.7 0.0 144.4

176 87.6 0.0 140.6

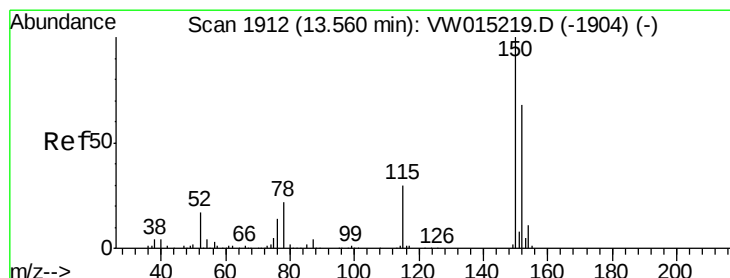
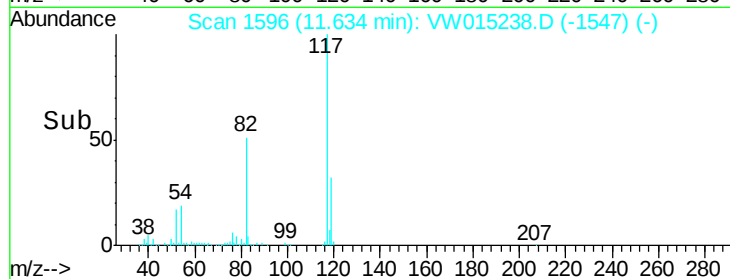
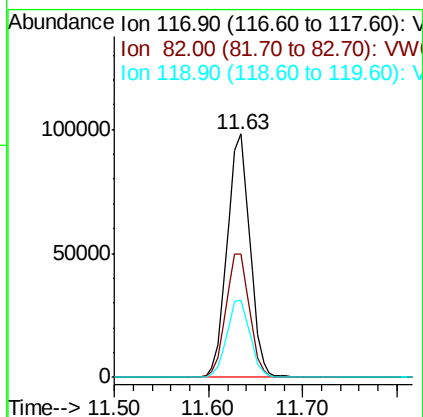
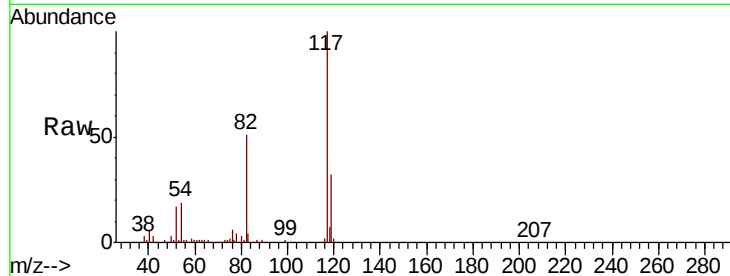




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015238.D
Acq: 20 Apr 2020 21:47

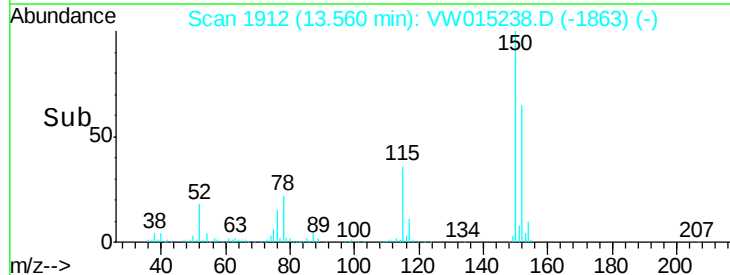
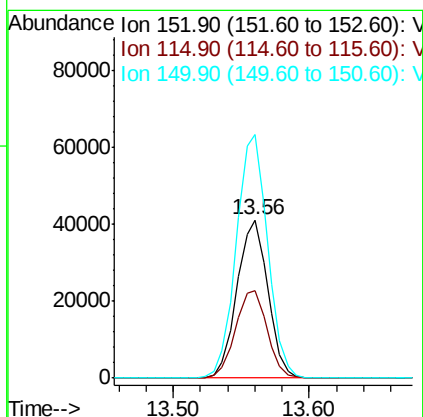
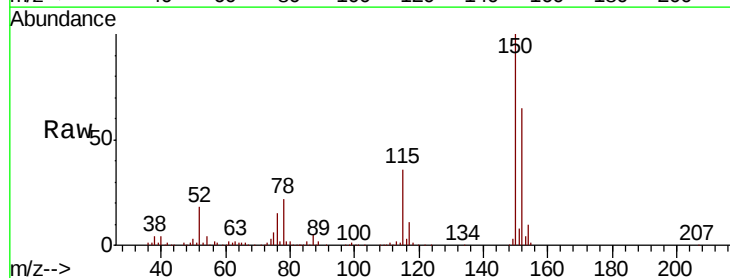
Instrument :
MSVOA_W
ClientSampled :
S-6A

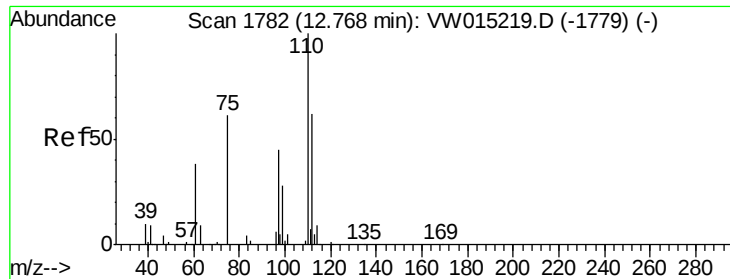
Tot Ion:117 Resp: 165233
Ion Ratio Lower Upper
117 100
82 50.7 44.1 66.1
119 31.5 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015238.D
Acq: 20 Apr 2020 21:47

Tgt Ion:152 Resp: 65201
Ion Ratio Lower Upper
152 100
115 56.8 31.3 93.9
150 156.3 0.0 343.4





#76

1,2,3-Trichloropropane

Concen: 69.395 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

Instrument :

MSVOA_W

ClientSampleId :

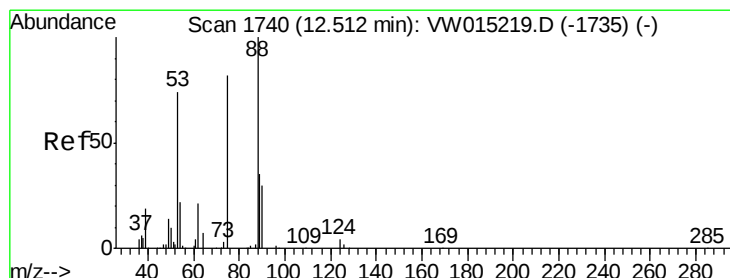
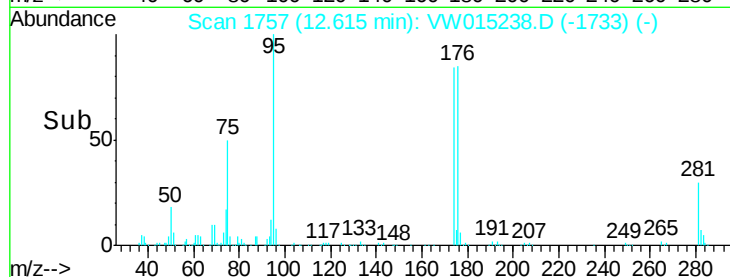
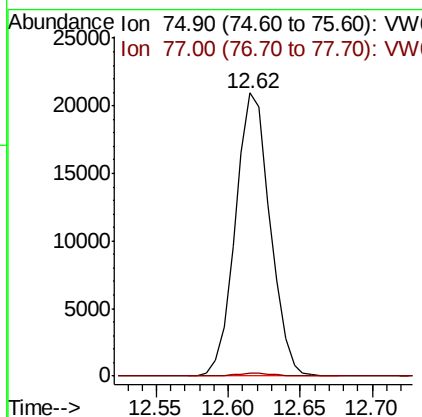
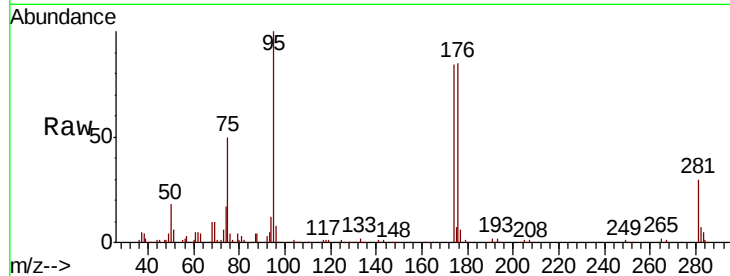
S-6A

Tot Ion: 75 Resp: 35003

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 151.699 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015238.D

Acq: 20 Apr 2020 21:47

Tgt Ion: 75 Resp: 35003

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#

