

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010501.D
 Acq On : 22 May 2019 10:56
 Operator : SY/VA
 Sample : VW0522SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0522SBL01

Quant Time: May 23 06:54:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	148232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	255907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	221808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99327	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	74471	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	7.88	113	77477	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	10.32	98	308105	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.62	95	113715	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

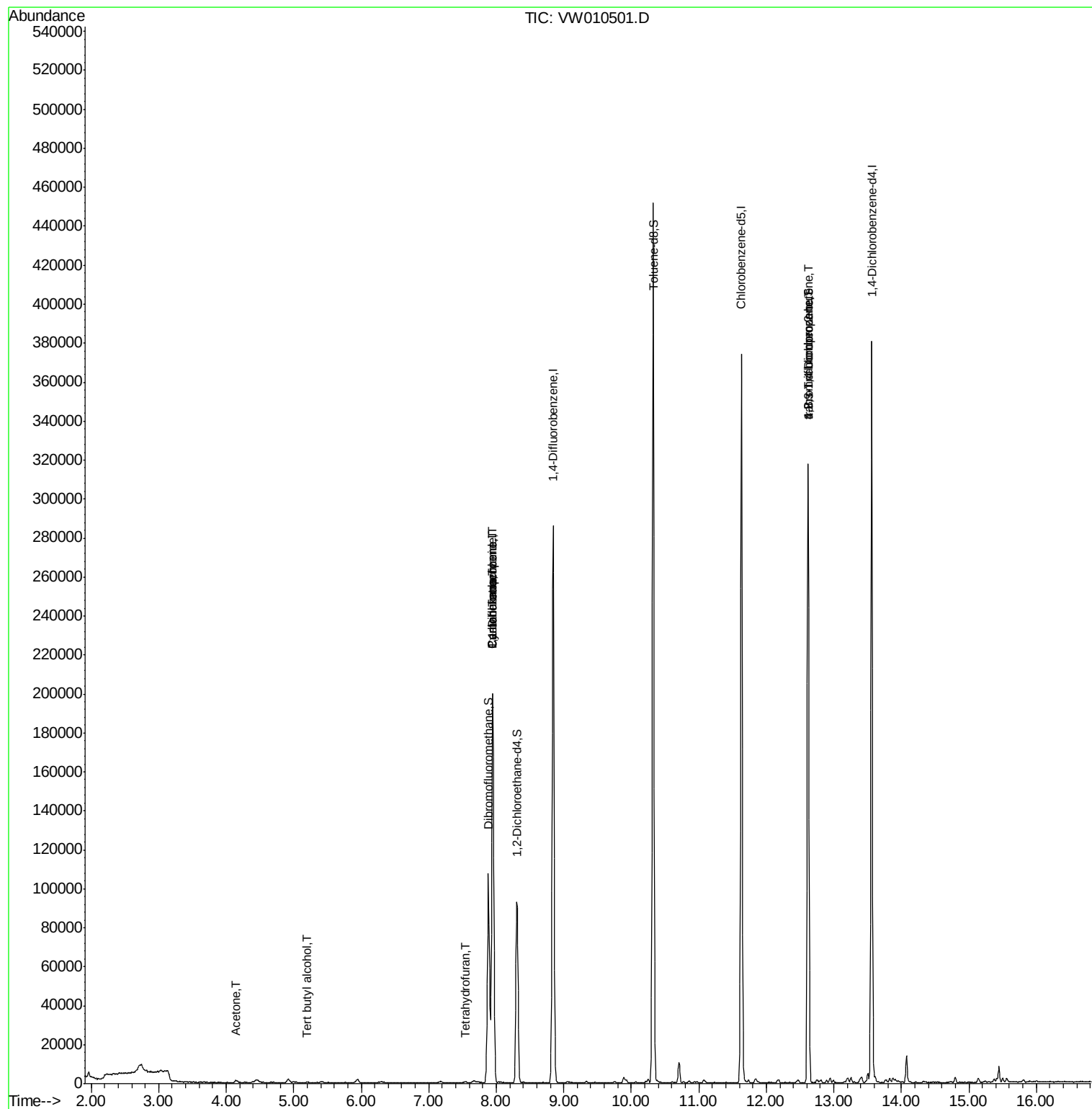
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	215	Below Cal	#	42
11) Tert butyl alcohol	5.20	59	234	1.700	ug/l #	71
13) Acrolein	3.92	56	20	Below Cal	#	1
16) Acetone	4.14	43	2431	7.784	ug/l #	85
20) Methylene Chloride	4.92	84	1549	Below Cal	#	82
29) Tetrahydrofuran	7.54	42	537	1.776	ug/l #	58
31) Cyclohexane	7.95	56	3367	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11502	4.825	ug/l #	49
38) Carbon Tetrachloride	7.95	117	16005	6.224	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	53298	52.863	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	53298	110.326	ug/l #	14

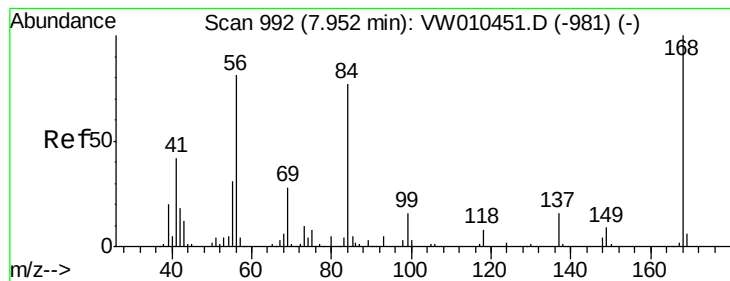
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052219\
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Quant Time: May 23 06:54:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010501.D

Acq: 22 May 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

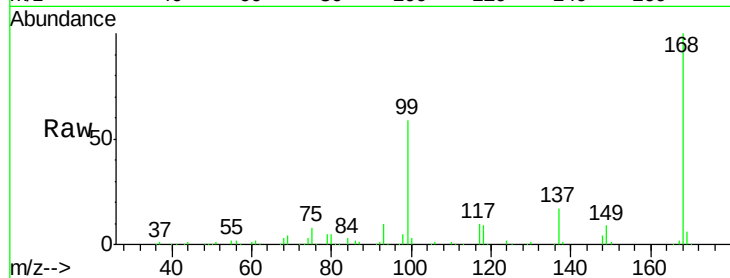
VW0522SBL01

Tot Ion:168 Resp: 148232

Ion Ratio Lower Upper

168 100

99 59.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

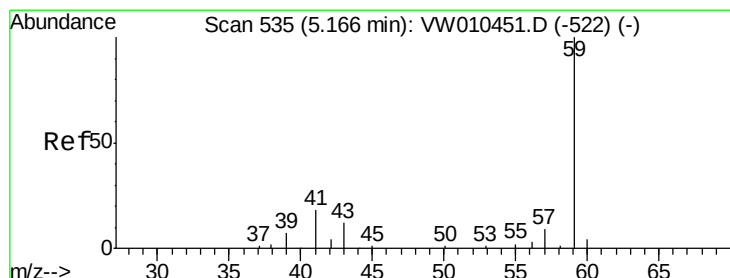
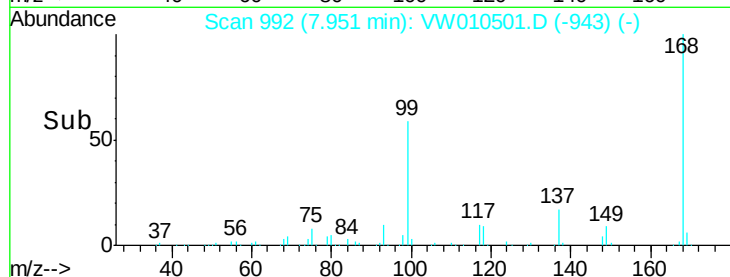
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.700 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.03 min

Lab File: VW010501.D

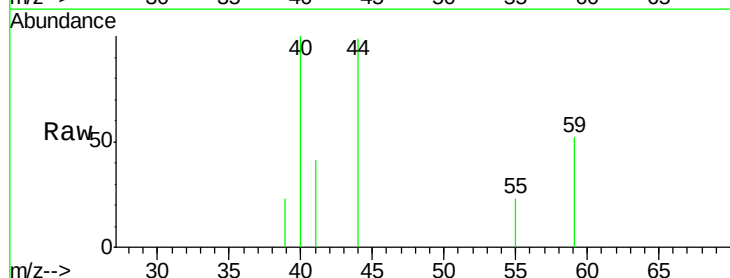
Acq: 22 May 2019 10:56

Tgt Ion: 59 Resp: 234

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

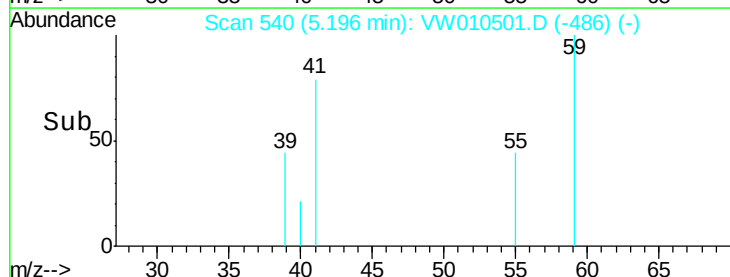
150

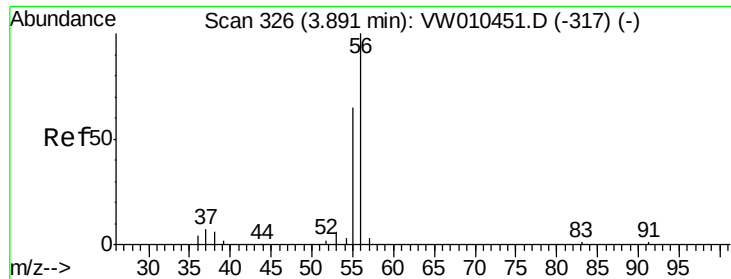
100

50

0

Time--> 5.15 5.20 5.25





#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 331

Delta R.T. 0.03 min

Lab File: VW010501.D

Acq: 22 May 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

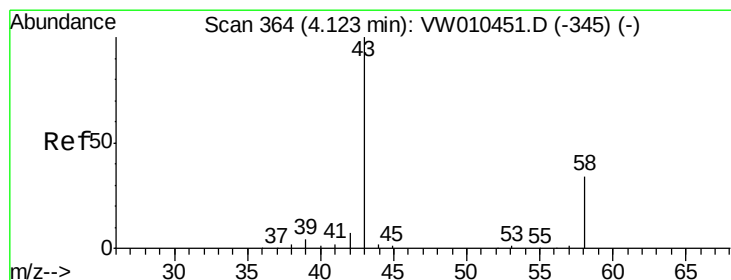
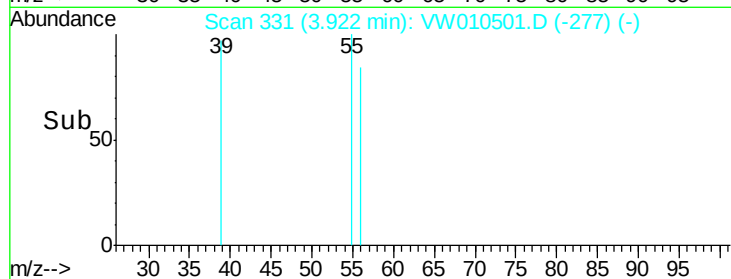
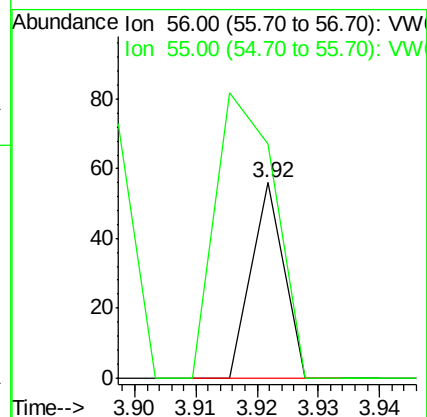
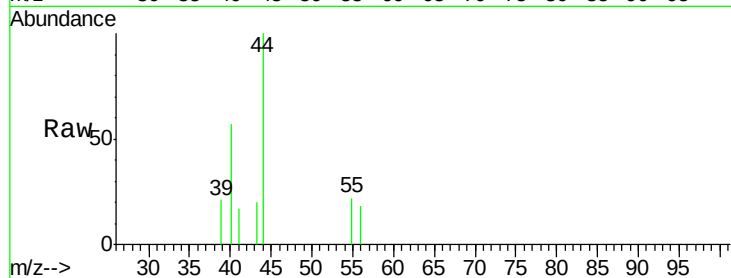
VW0522SBL01

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 270.0 57.9 86.9#



#16

Acetone

Concen: 7.784 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW010501.D

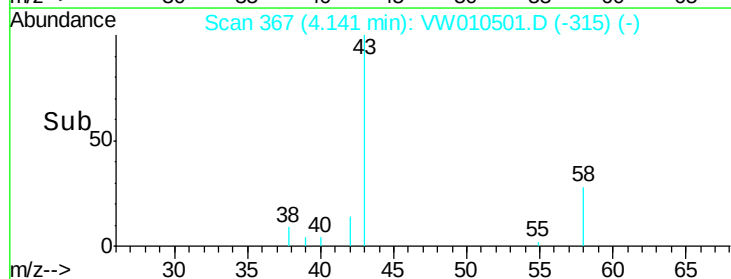
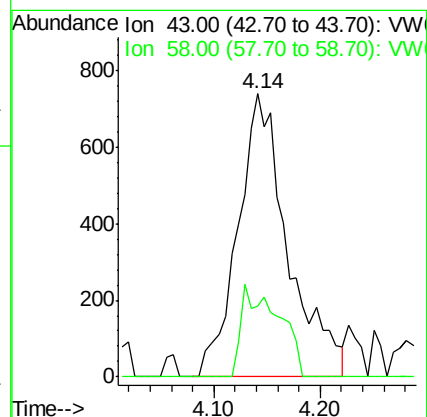
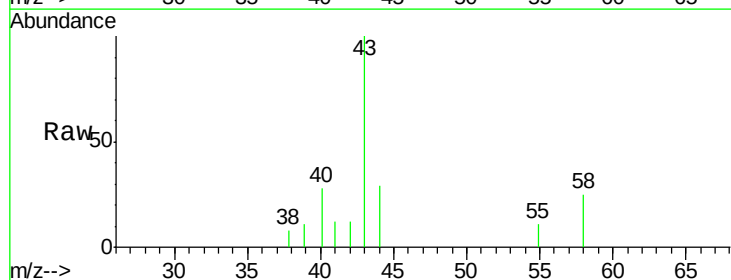
Acq: 22 May 2019 10:56

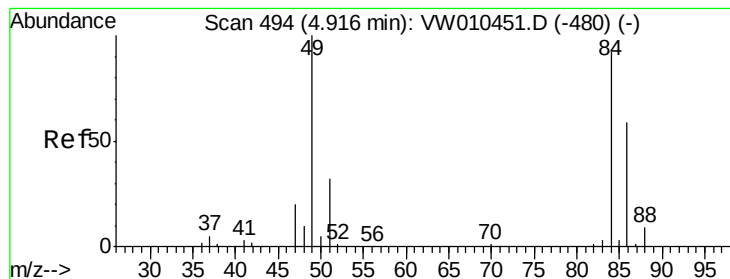
Tgt Ion: 43 Resp: 2431

Ion Ratio Lower Upper

43 100

58 25.2 27.0 40.4#





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010501.D

Acq: 22 May 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VW0522SBL01

Tot Ion: 84 Resp: 1549

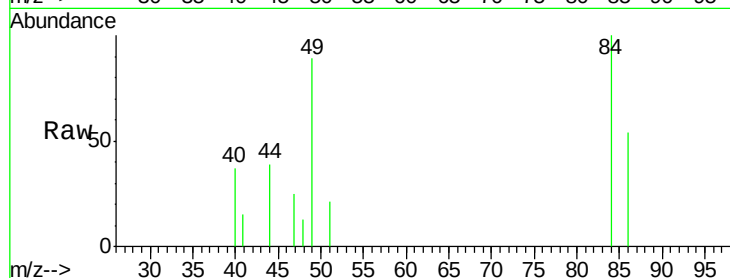
Ion Ratio Lower Upper

84 100

49 88.6 87.2 130.8

51 20.9 27.7 41.5#

86 54.2 51.4 77.0

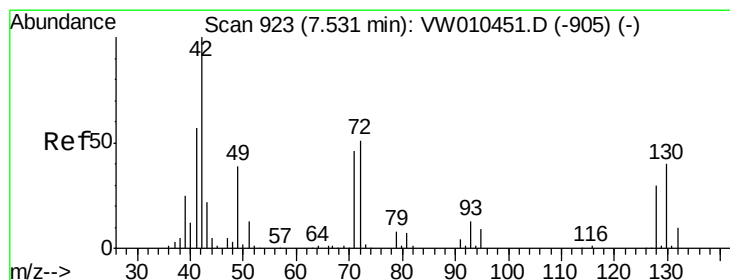
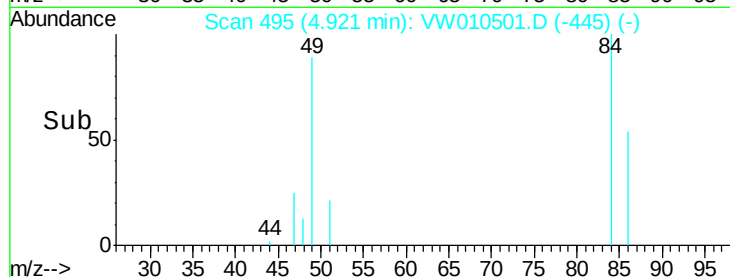
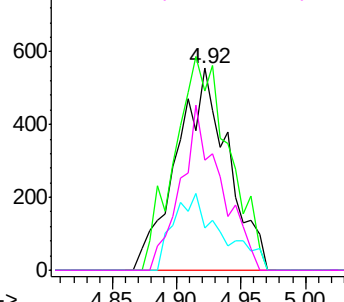


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 1.776 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW010501.D

Acq: 22 May 2019 10:56

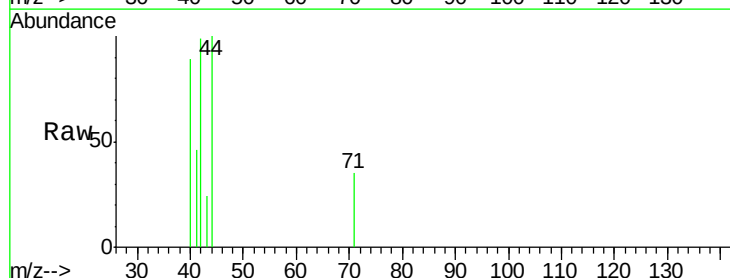
Tgt Ion: 42 Resp: 537

Ion Ratio Lower Upper

42 100

72 12.7 38.5 57.7#

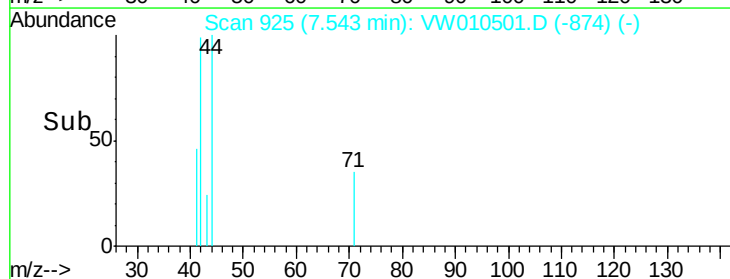
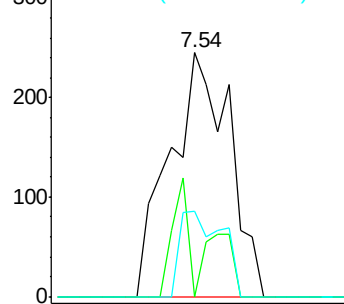
71 25.0 36.5 54.7#

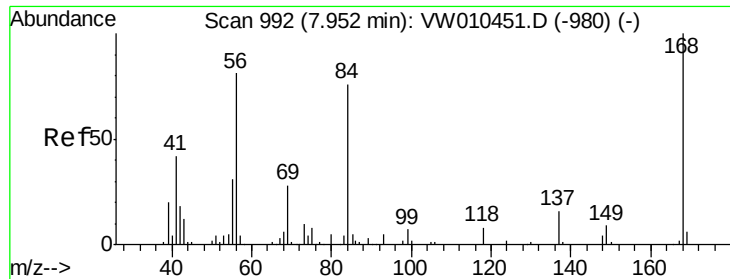


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

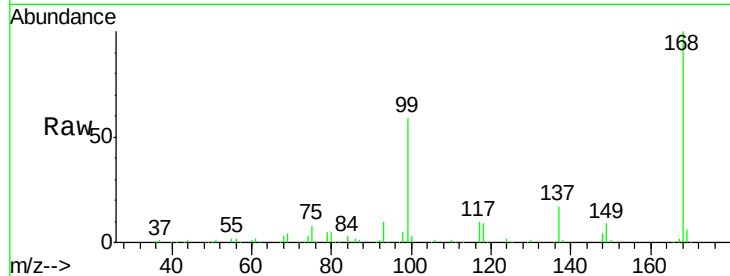




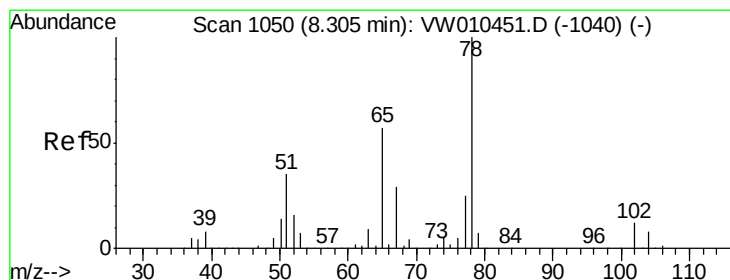
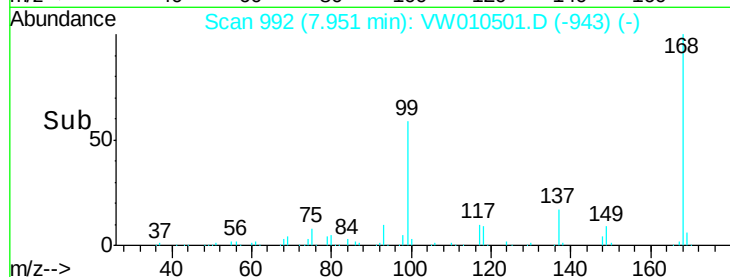
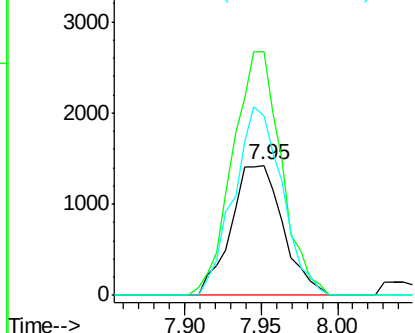
#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

Instrument :
MSVOA_W
ClientSampleId :
VW0522SBL01

Tot Ion: 56 Resp: 3367
Ion Ratio Lower Upper
56 100
69 186.9 28.2 42.2#
84 137.5 75.8 113.8#

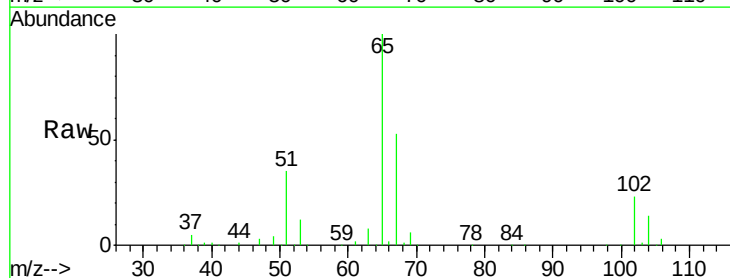


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

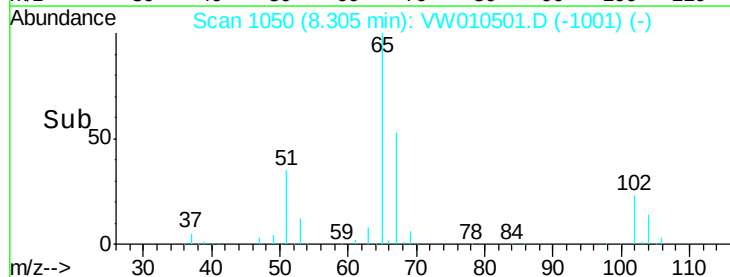
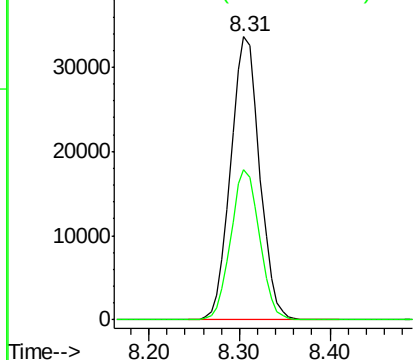


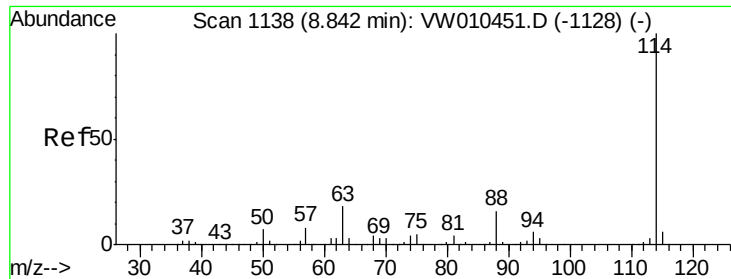
#33
1,2-Dichloroethane-d4
Concen: 48.674 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

Tgt Ion: 65 Resp: 74471
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

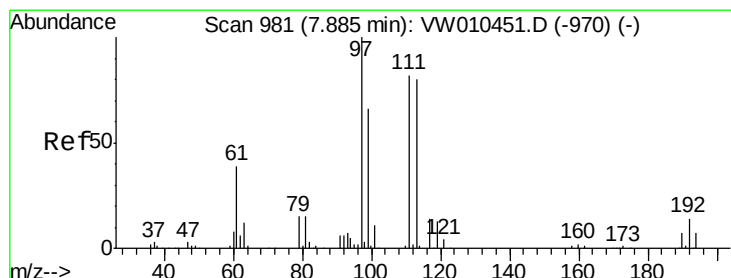
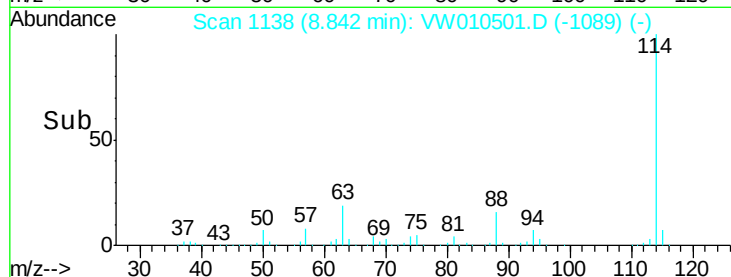
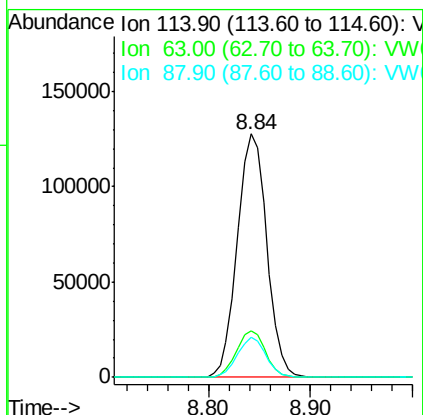
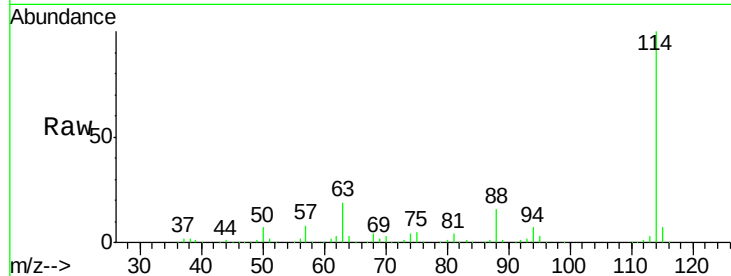




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

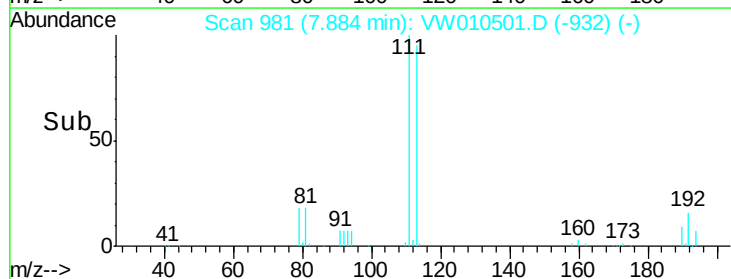
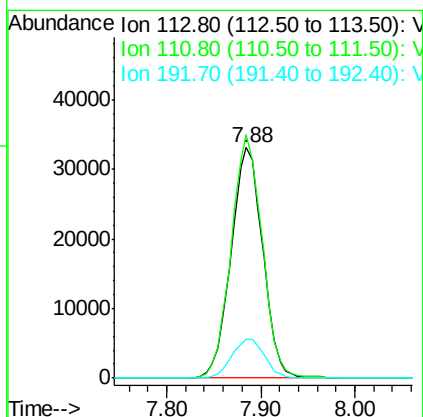
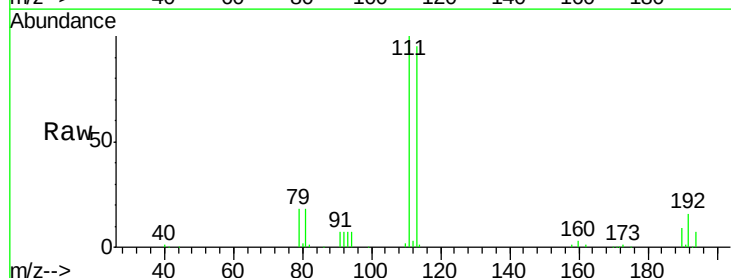
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ClientSampleId :
VW0522SBL01

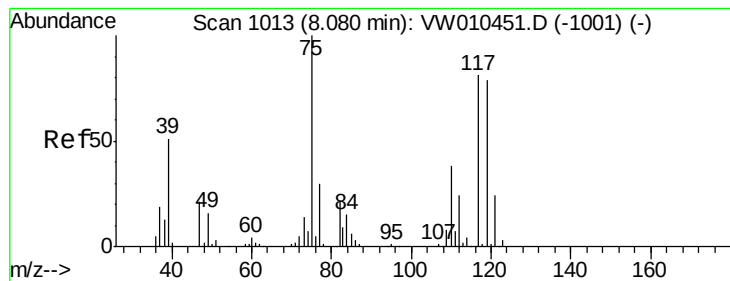
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.0
88	16.4	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.895 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	17.5	14.3	21.5





#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010501.D

Acq: 22 May 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

VW0522SBL01

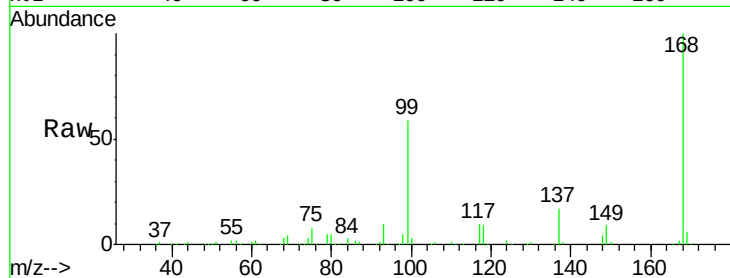
Tot Ion: 75 Resp: 11502

Ion Ratio Lower Upper

75 100

110 10.1 19.2 57.6#

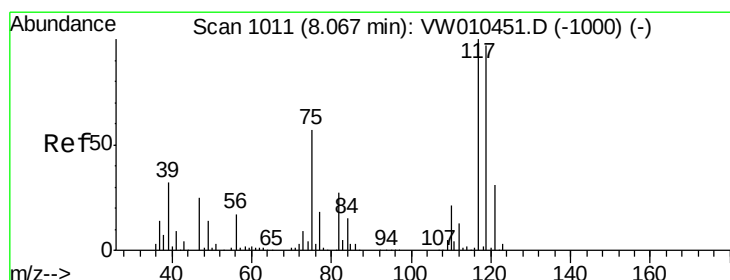
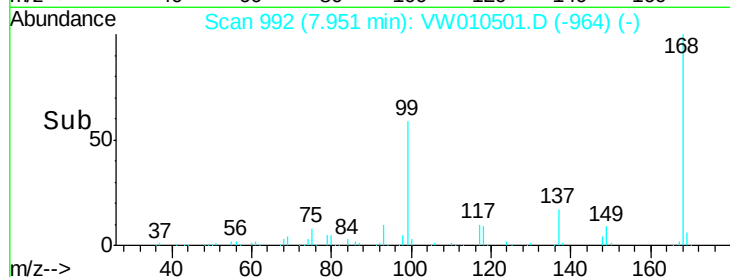
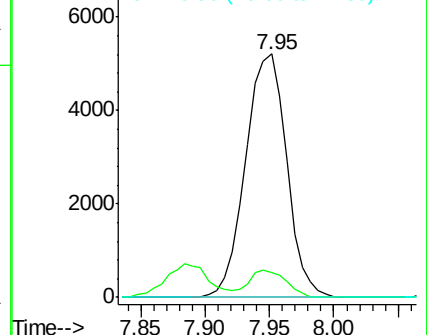
77 0.0 25.2 37.8#



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: 6.224 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010501.D

Acq: 22 May 2019 10:56

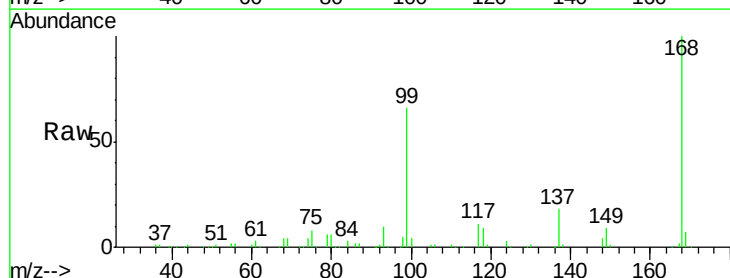
Tgt Ion: 117 Resp: 16005

Ion Ratio Lower Upper

117 100

119 4.8 77.4 116.0#

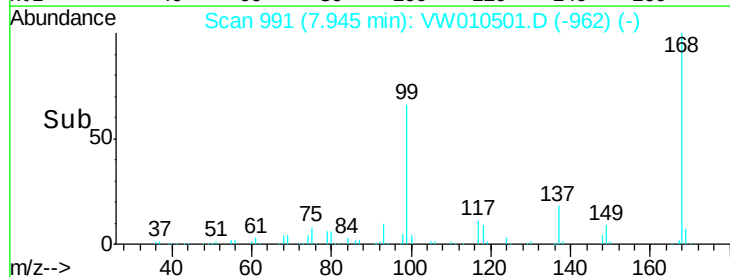
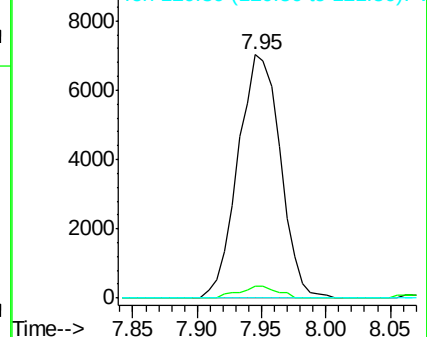
121 0.0 25.0 37.6#

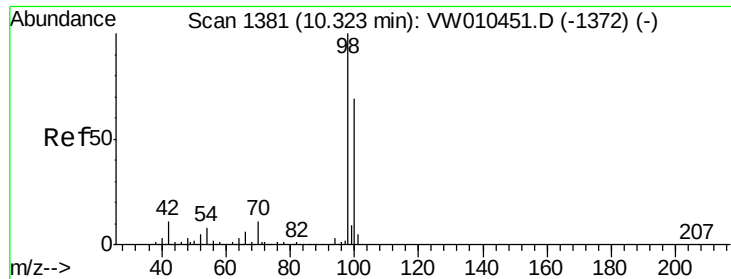


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

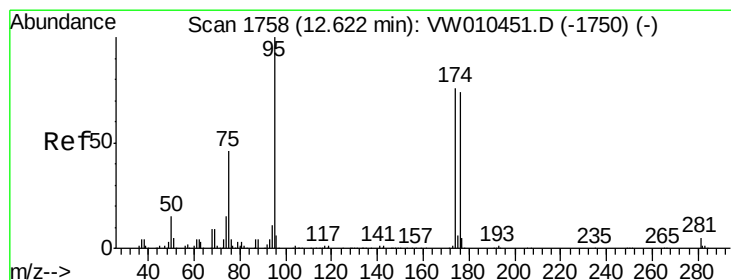
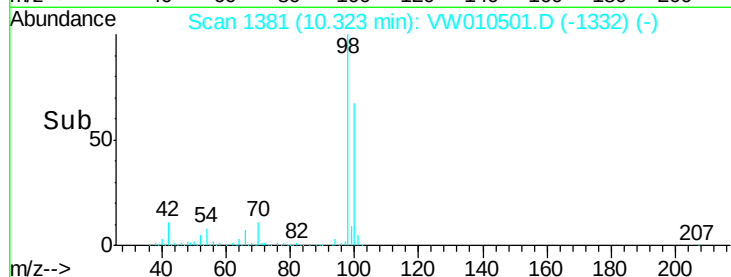
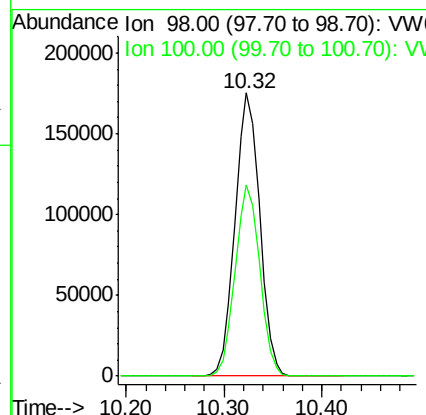
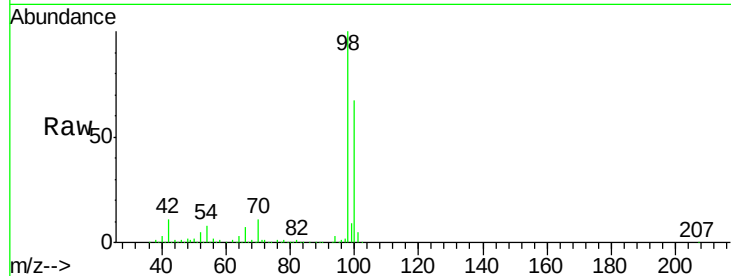




#50
Toluene-d8
Concen: 51.939 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

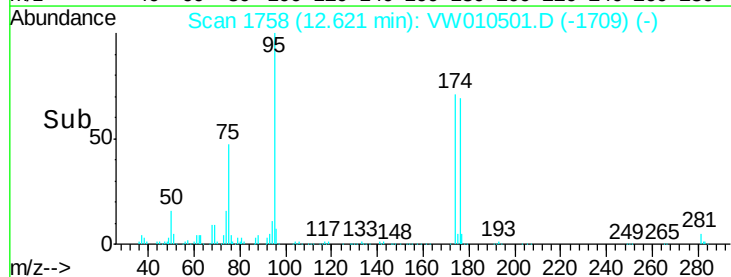
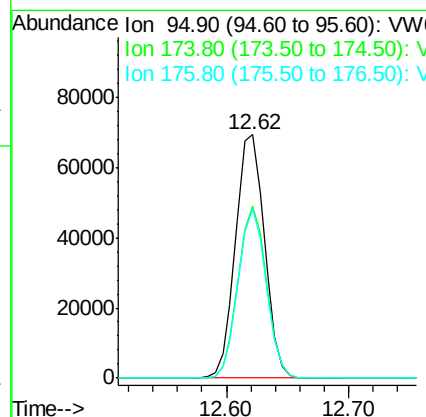
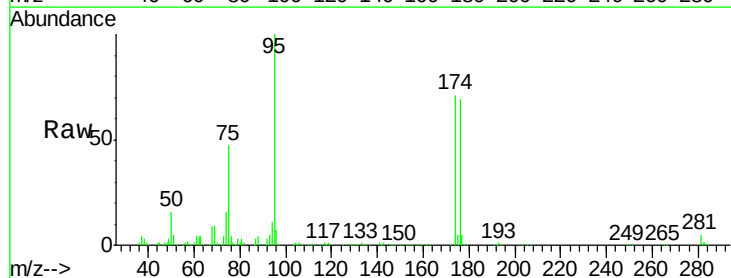
Instrument :
MSVOA_W
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VW0522SBL01

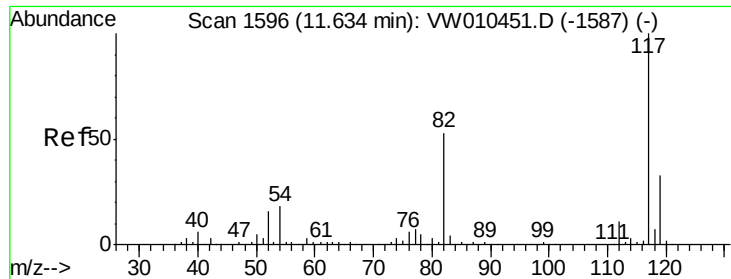
Tot Ion: 98 Resp: 308105
Ion Ratio Lower Upper
98 100
100 67.3 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 48.127 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

Tgt Ion: 95 Resp: 113715
Ion Ratio Lower Upper
95 100
174 69.3 0.0 148.6
176 67.4 0.0 144.2

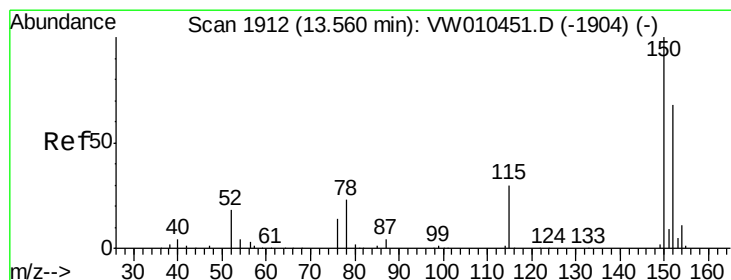
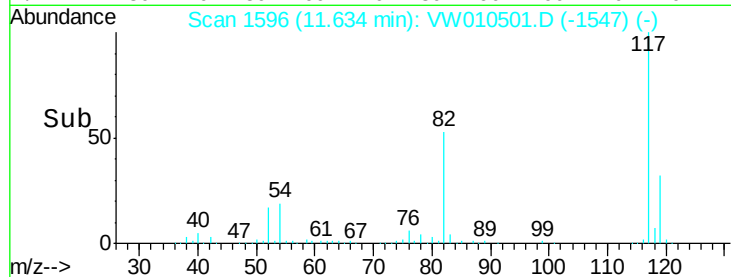
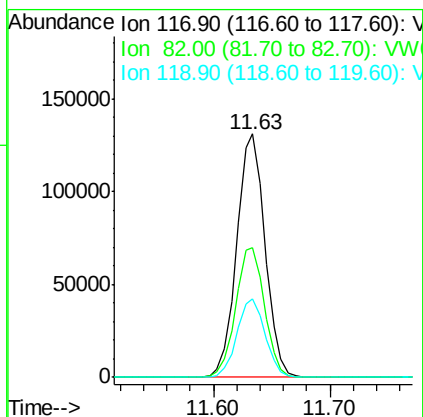
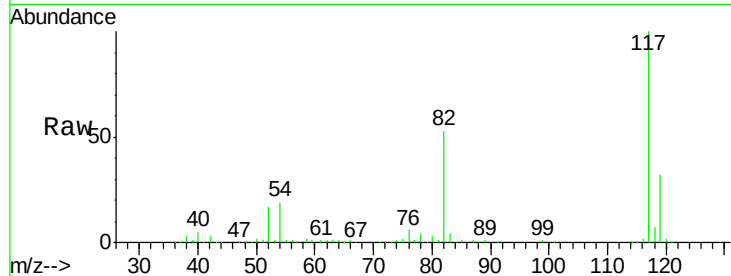




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

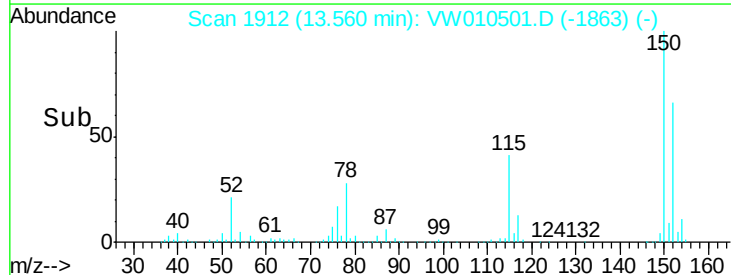
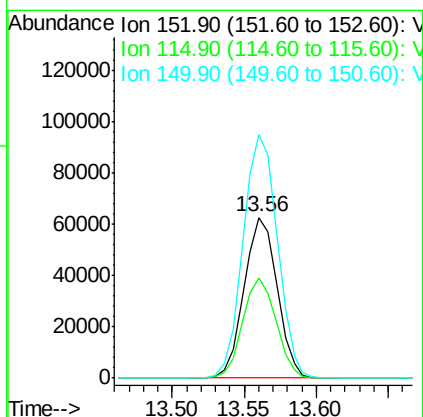
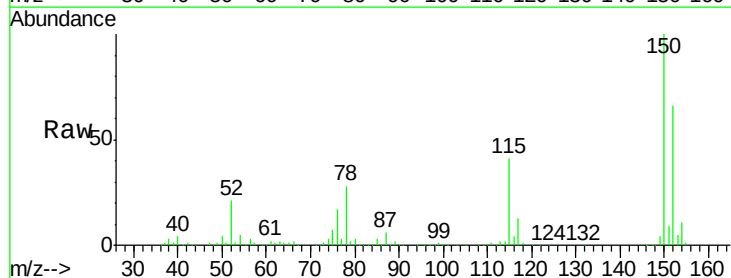
Instrument :
MSVOA_W
ClientSampleId :
VW0522SBL01

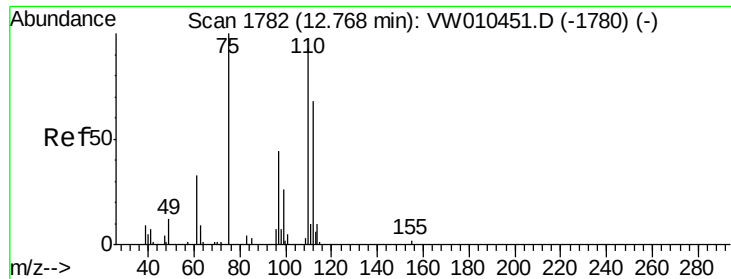
Tot Ion:117 Resp: 221808
Ion Ratio Lower Upper
117 100
82 53.1 42.8 64.2
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010501.D
Acq: 22 May 2019 10:56

Tgt Ion:152 Resp: 99327
Ion Ratio Lower Upper
152 100
115 62.9 30.3 91.0
150 157.7 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 52.863 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010501.D

Acq: 22 May 2019 10:56

Instrument :

MSVOA_W

ClientSampleId :

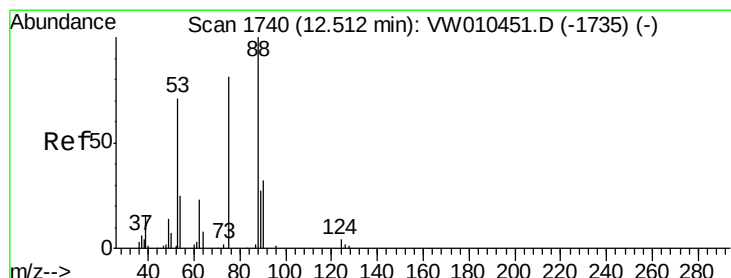
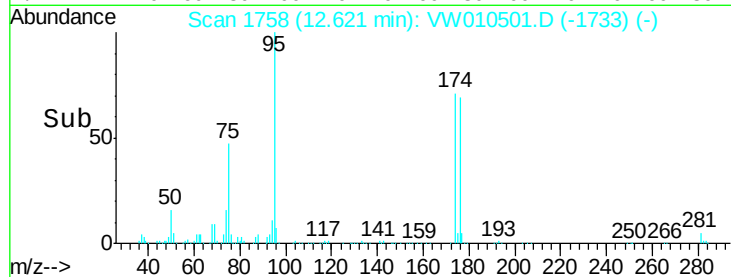
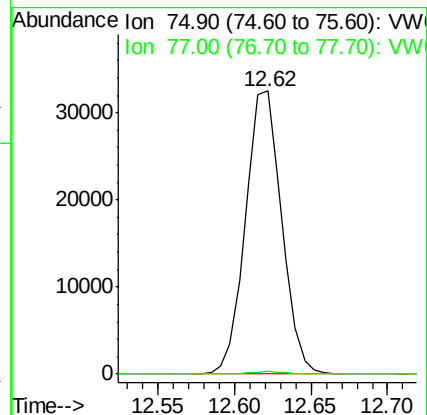
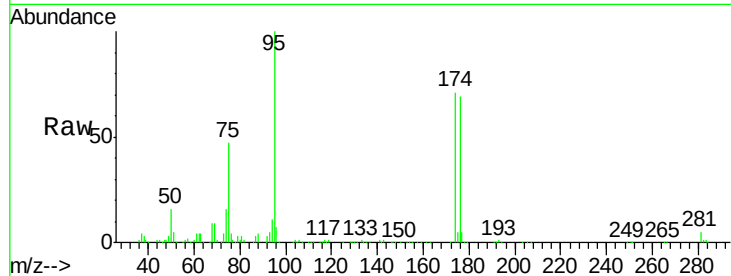
VW0522SBL01

Tot Ion: 75 Resp: 53298

Ion Ratio Lower Upper

75 100

77 1.0 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.326 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010501.D

Acq: 22 May 2019 10:56

Tgt Ion: 75 Resp: 53298

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

