

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012119\
 Data File : VW008367.D
 Acq On : 21 Jan 2019 11:30
 Operator : SY/VA
 Sample : VW0121SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0121SBL01

Quant Time: Jan 22 03:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	206854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	185545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	65907	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
35) Dibromofluoromethane	7.88	113	64988	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
50) Toluene-d8	10.32	98	258564	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.62	95	84775	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	

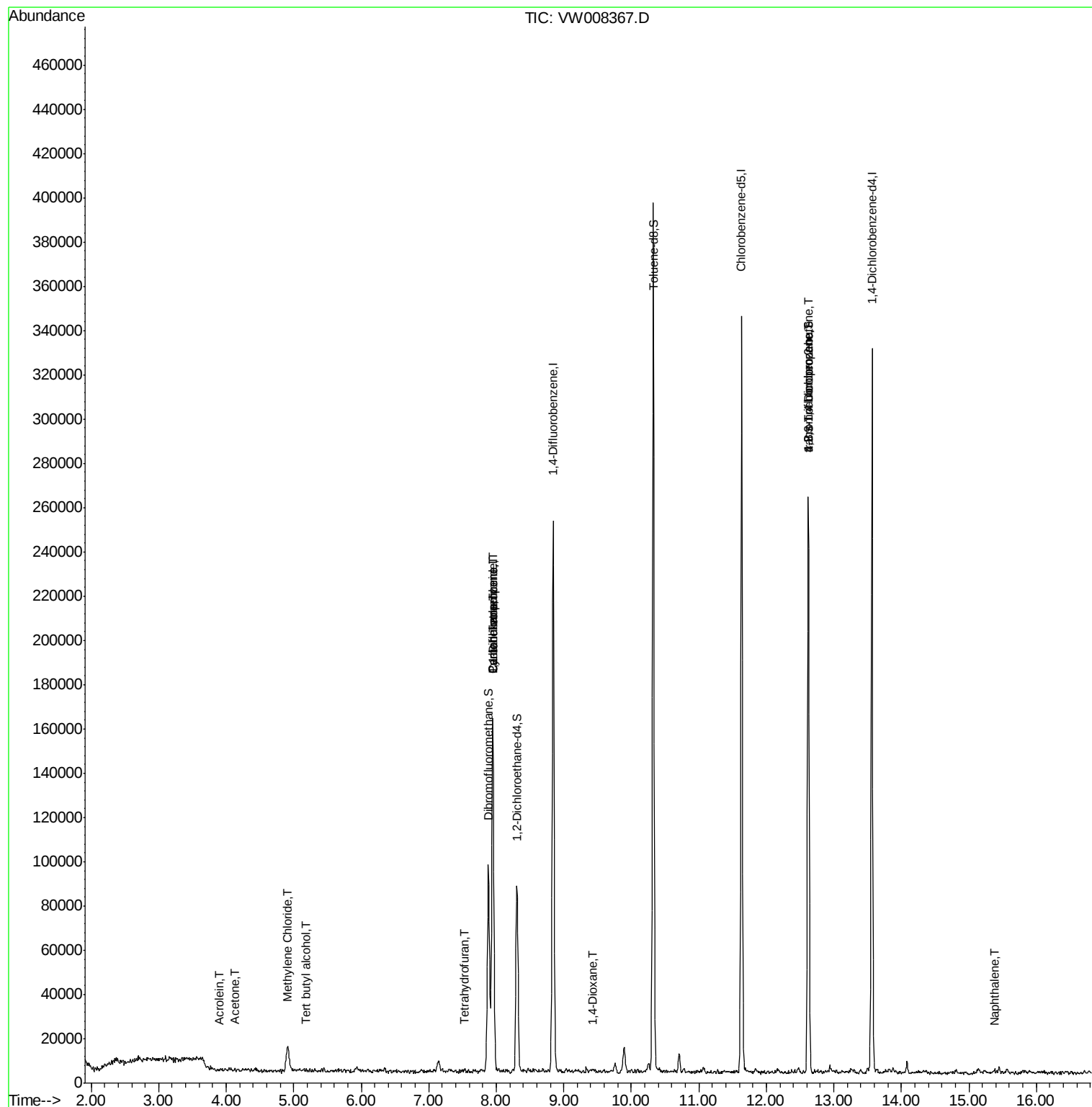
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	123	1.461	ug/l #	1
13) Acrolein	3.89	56	136	9.281	ug/l #	1
16) Acetone	4.13	43	1688	5.812	ug/l #	78
20) Methylene Chloride	4.92	84	9017	3.383	ug/l	91
29) Tetrahydrofuran	7.52	42	390	1.682	ug/l #	48
31) Cyclohexane	7.95	56	3233	1.384	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9989	4.800	ug/l #	50
38) Carbon Tetrachloride	7.95	117	12048	5.863	ug/l #	20
49) 1,4-Dioxane	9.43	88	22	1.791	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	40789	53.326	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	40789	127.259	ug/l #	12
95) Naphthalene	15.37	128	1184	2.680	ug/l #	85

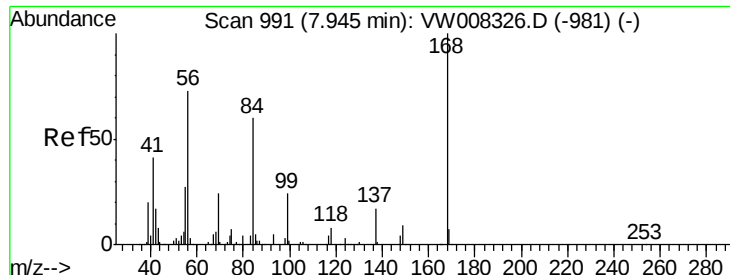
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW012119\
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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008367.D

Acq: 21 Jan 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

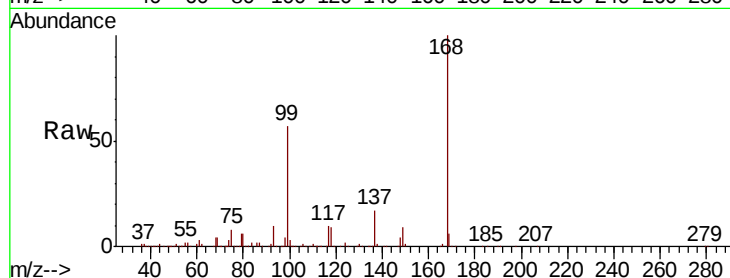
VW0121SBL01

Tgt Ion:168 Resp: 120225

Ion Ratio Lower Upper

168 100

99 56.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

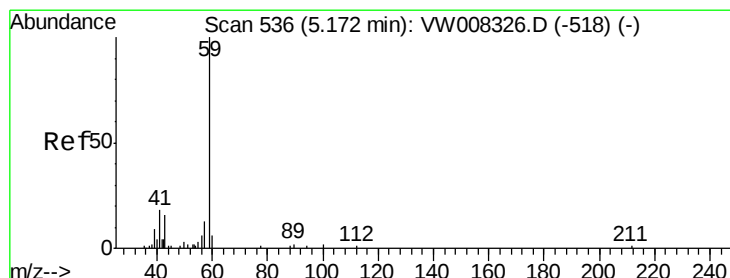
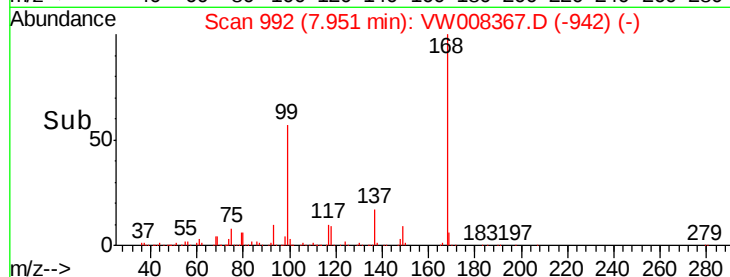
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.461 ug/l

RT: 5.19 min Scan# 539

Delta R.T. 0.02 min

Lab File: VW008367.D

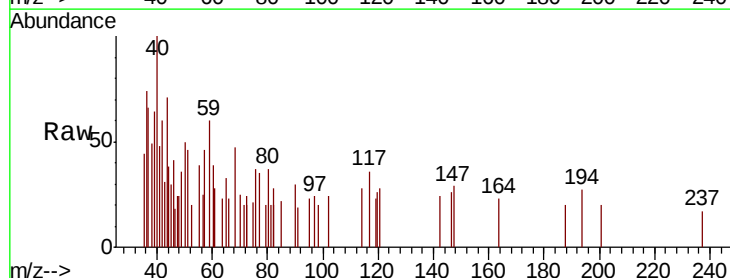
Acq: 21 Jan 2019 11:30

Tgt Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 131.7 9.4 14.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

200

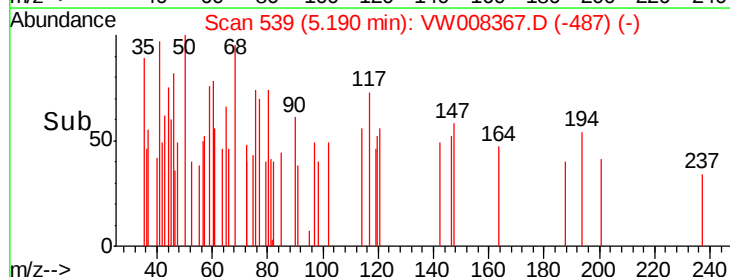
150

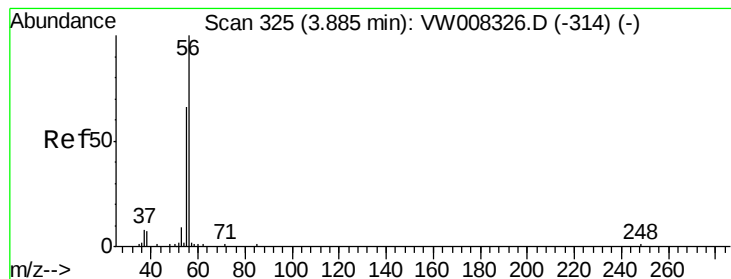
100

50

0

Time-->





#13

Acrolein

Concen: 9.281 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008367.D

Acq: 21 Jan 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

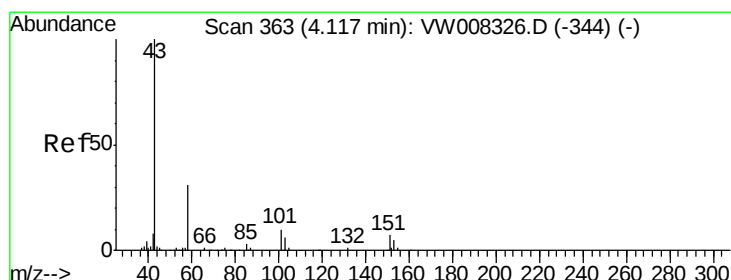
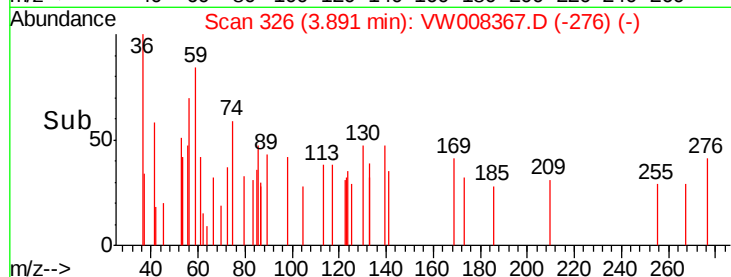
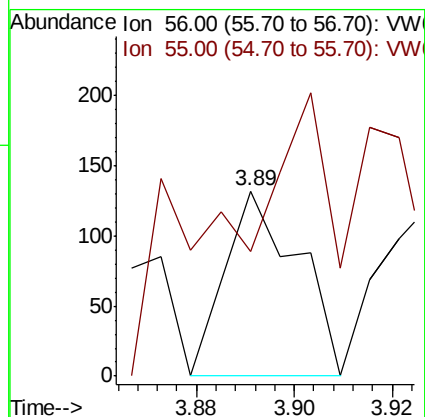
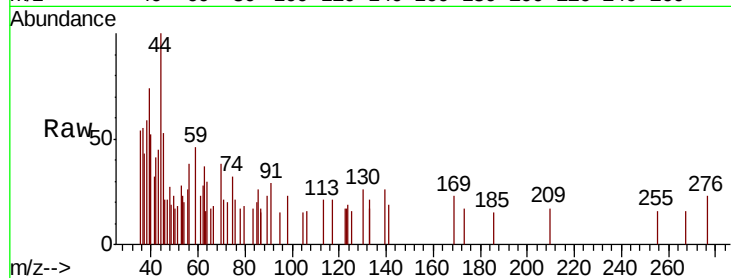
VW0121SBL01

Tgt Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

55 231.6 52.9 79.3#



#16

Acetone

Concen: 5.812 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW008367.D

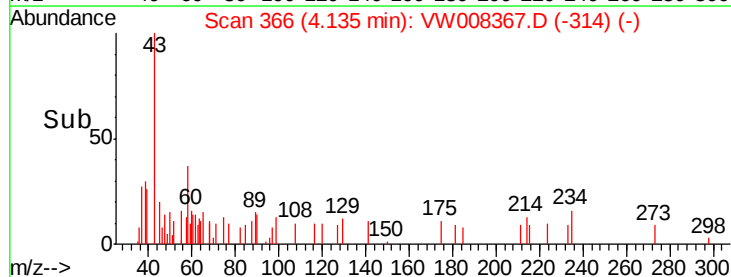
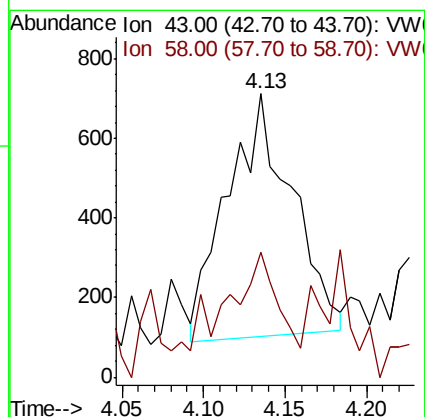
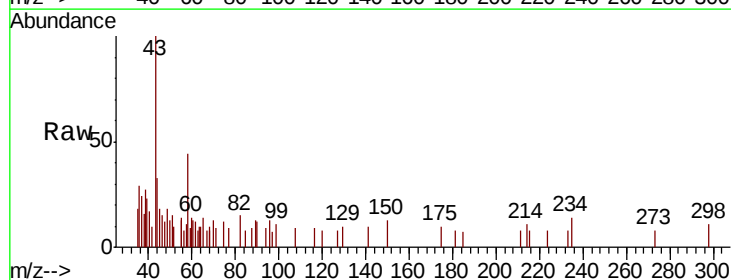
Acq: 21 Jan 2019 11:30

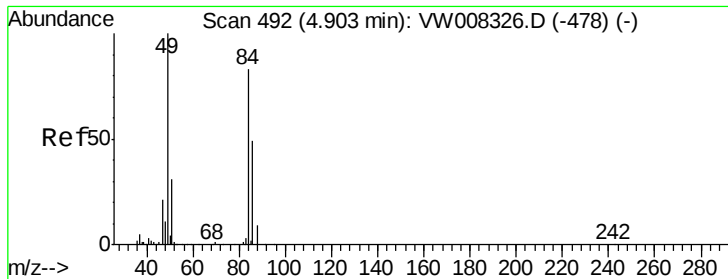
Tgt Ion: 43 Resp: 1688

Ion Ratio Lower Upper

43 100

58 43.0 24.7 37.1#

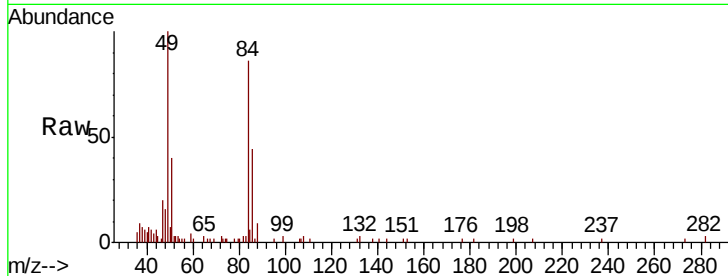




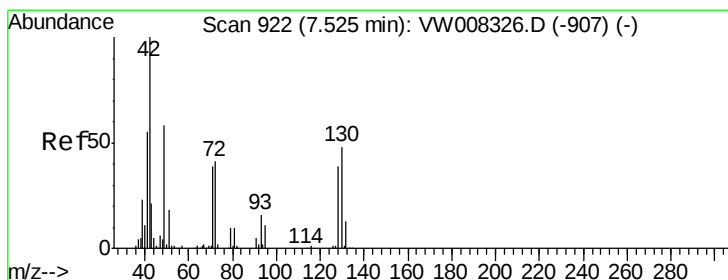
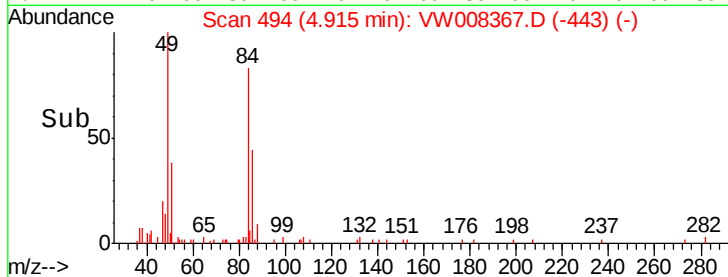
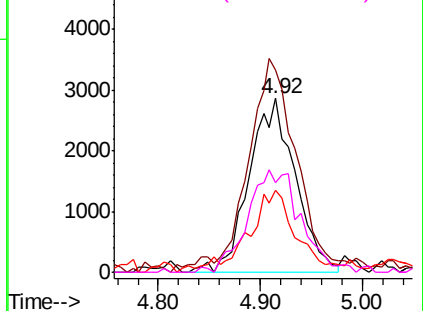
#20
Methylene Chloride
Concen: 3.383 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBL01

Tgt Ion:	84	Resp:	9017
Ion	Ratio	Lower	Upper
84	100		
49	112.0	95.9	143.9
51	43.0	29.3	43.9
86	51.4	47.4	71.2

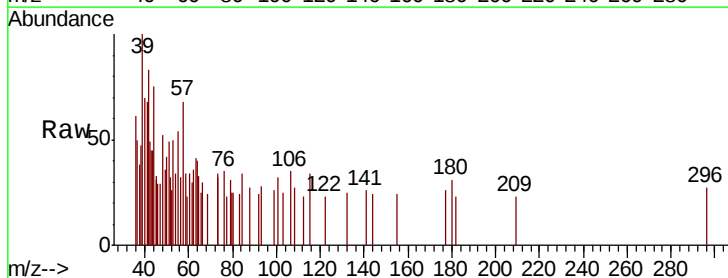


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

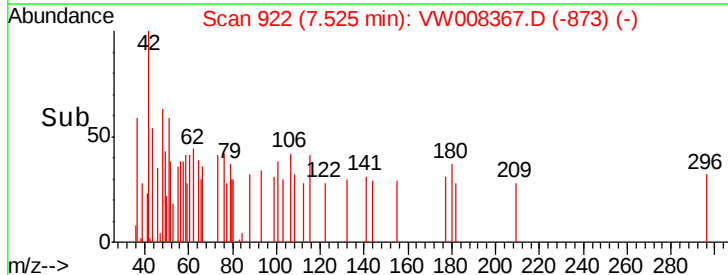
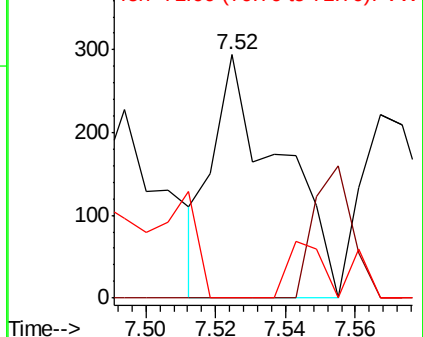


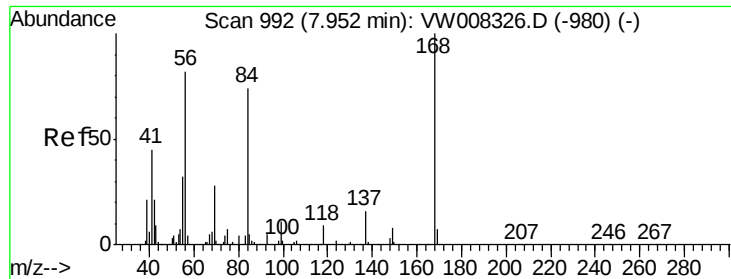
#29
Tetrahydrofuran
Concen: 1.682 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Tgt Ion:	42	Resp:	390
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	17.4	32.0	48.0#



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

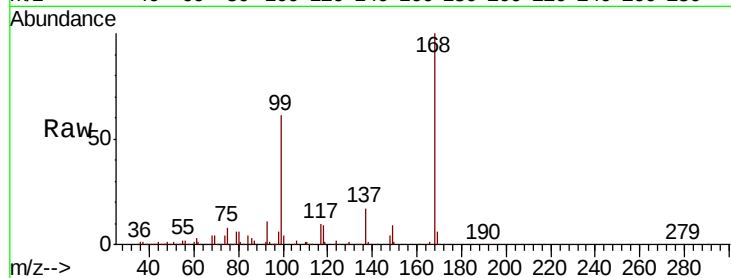




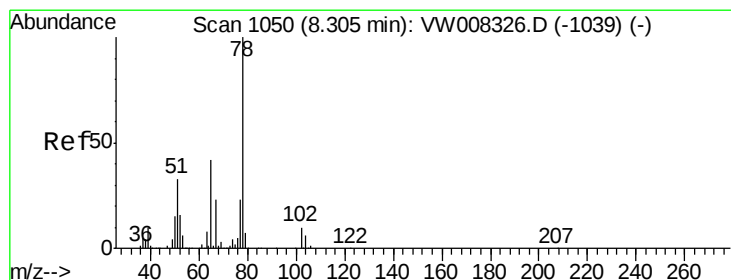
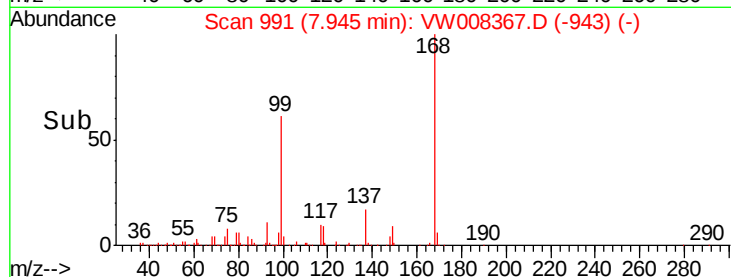
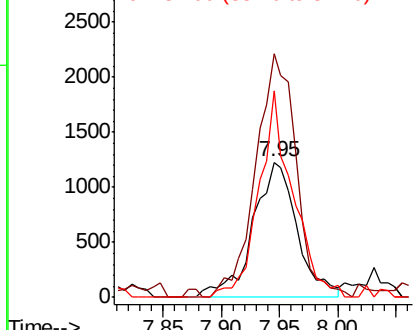
#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBL01

Tgt Ion: 56 Resp: 3233
Ion Ratio Lower Upper
56 100
69 187.1 27.0 40.6#
84 164.2 72.5 108.7#

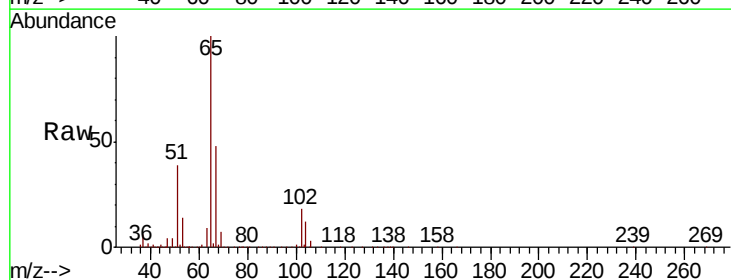


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

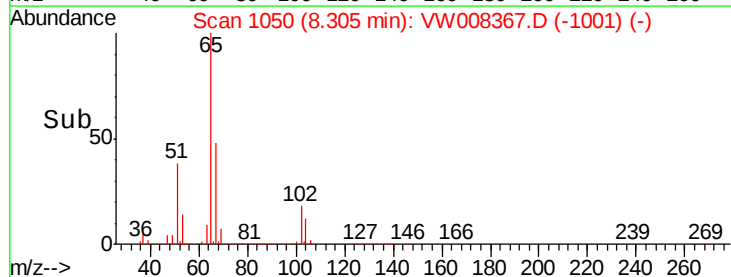
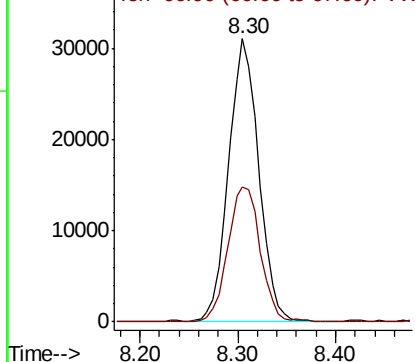


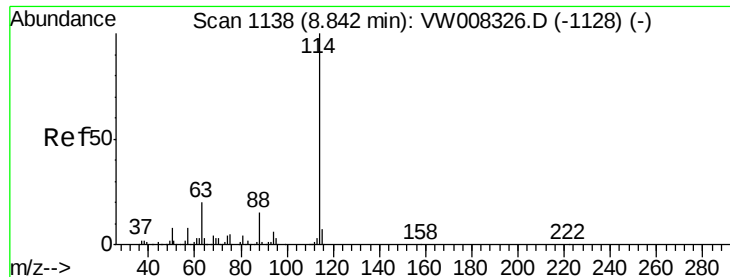
#33
1,2-Dichloroethane-d4
Concen: 52.700 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Tgt Ion: 65 Resp: 65907
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2



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

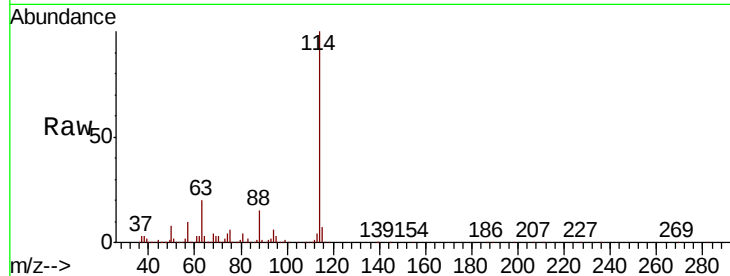




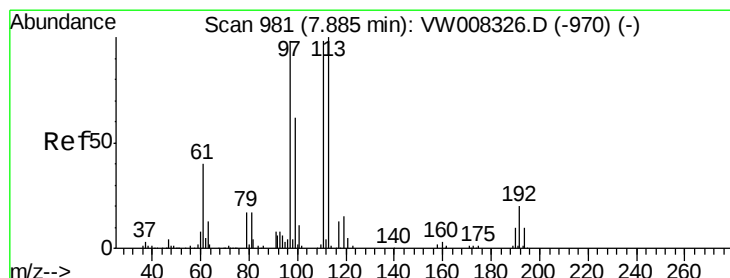
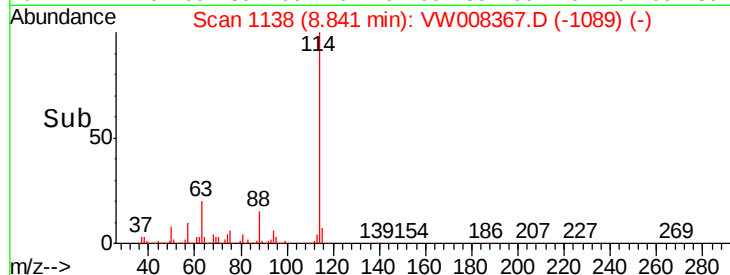
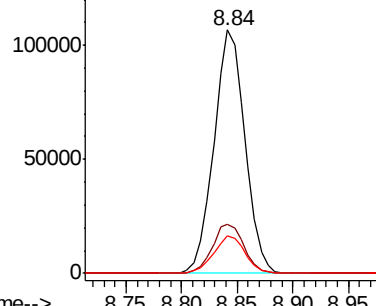
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008367.D
 Acq: 21 Jan 2019 11:30

Instrument :
 MSVOA_W
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 VW0121SBL01

Tgt Ion:114 Resp: 206854
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.5 0.0 30.4

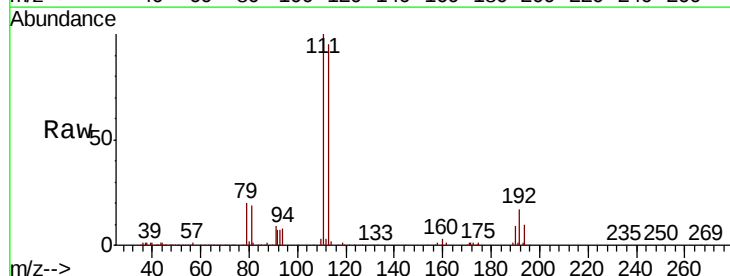


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

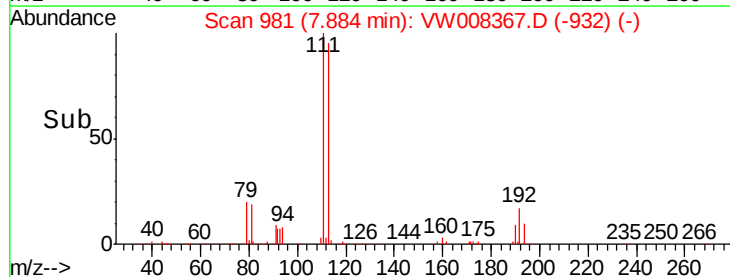
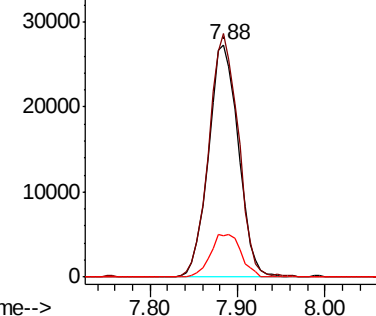


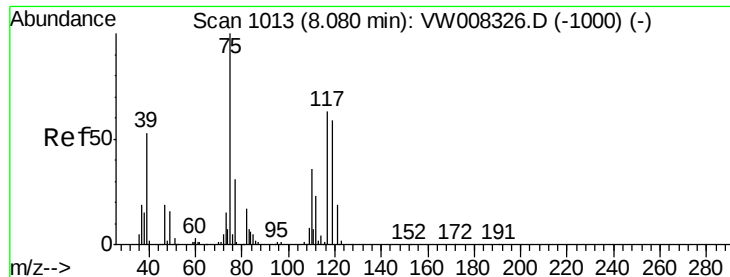
#35
 Dibromofluoromethane
 Concen: 49.218 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008367.D
 Acq: 21 Jan 2019 11:30

Tgt Ion:113 Resp: 64988
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 19.2 16.3 24.5



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: 4.800 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008367.D

Acq: 21 Jan 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBL01

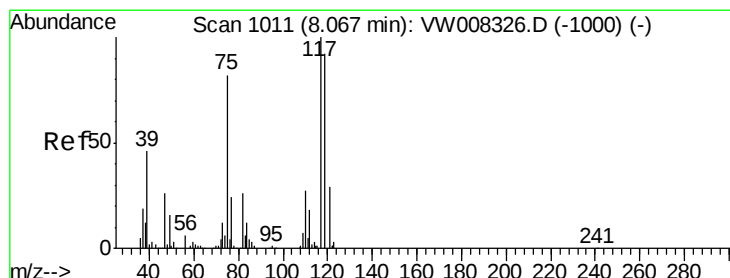
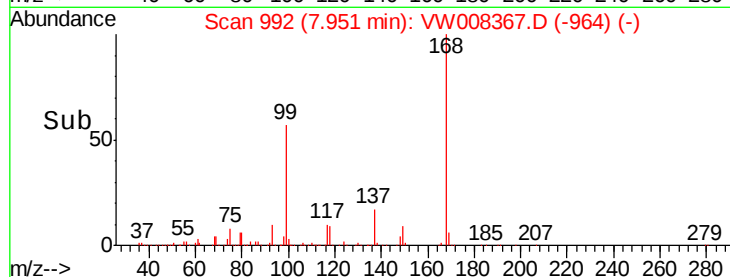
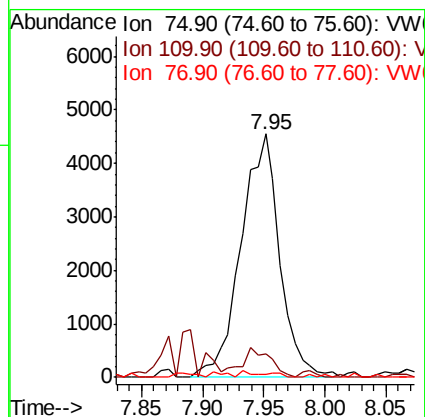
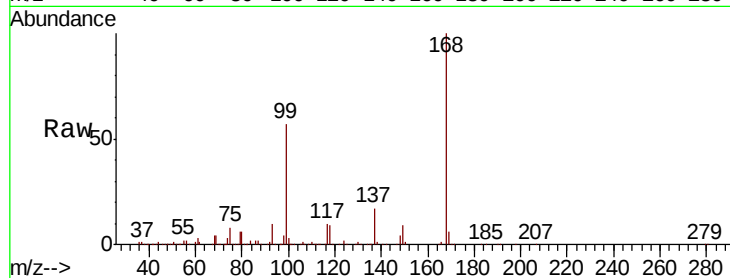
Tgt Ion: 75 Resp: 9989

Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.6#

77 1.1 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.863 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008367.D

Acq: 21 Jan 2019 11:30

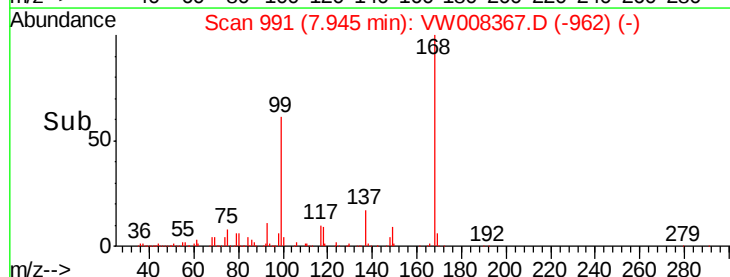
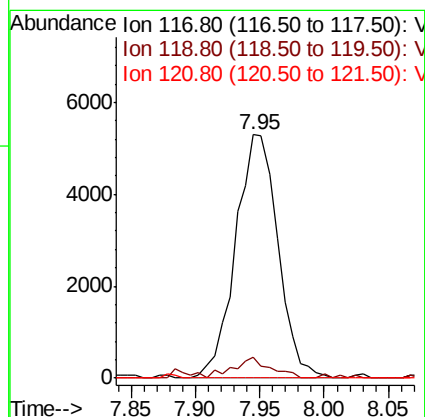
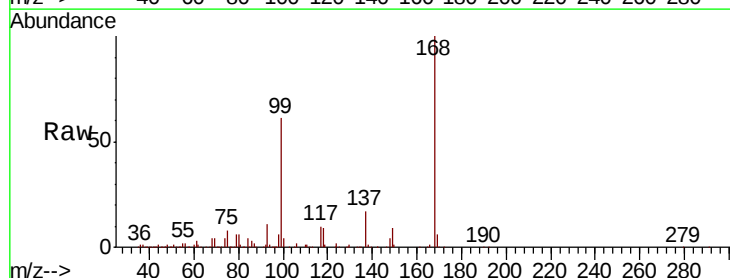
Tgt Ion: 117 Resp: 12048

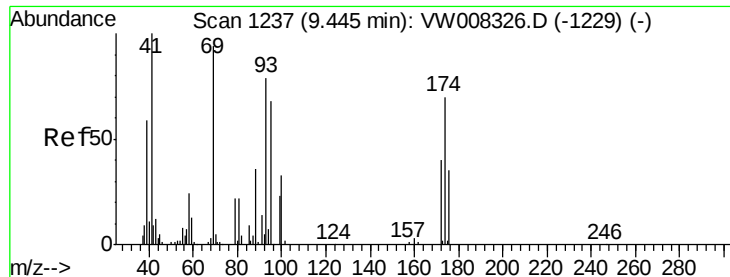
Ion Ratio Lower Upper

117 100

119 7.6 73.8 110.6#

121 0.0 23.4 35.0#

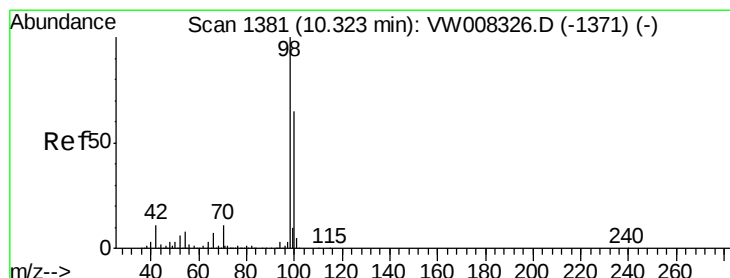
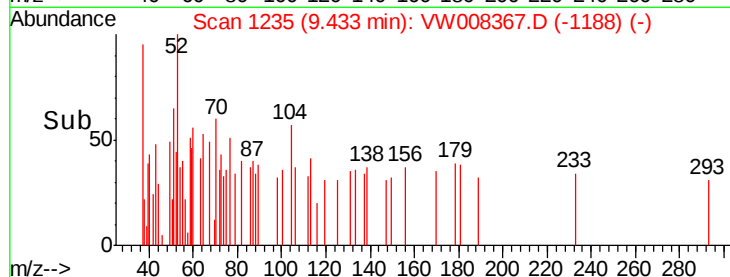
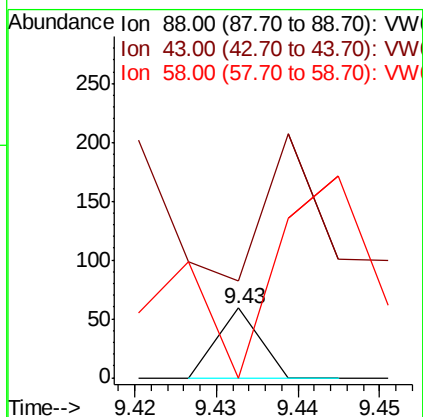
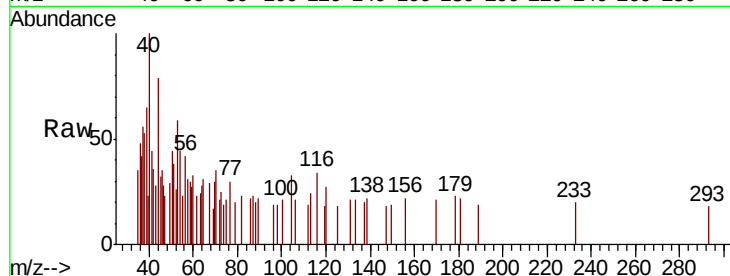




#49
1,4-Dioxane
Concen: 1.791 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008367.D
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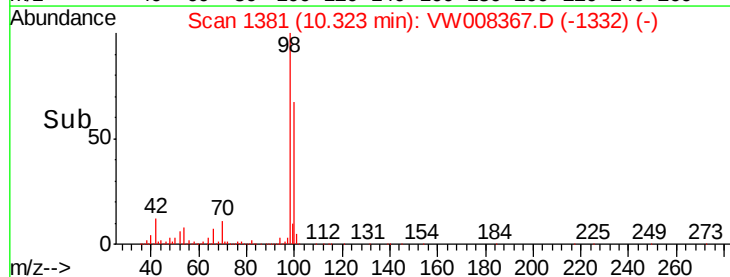
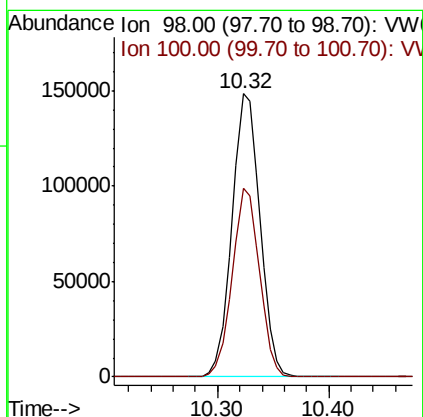
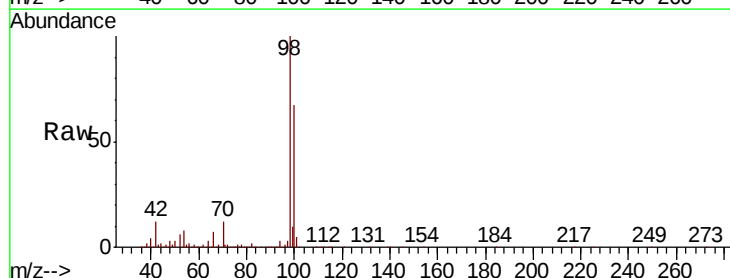
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VW0121SBL01

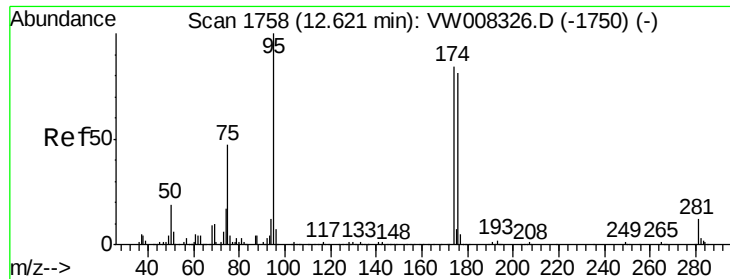
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 281.8 27.1 40.7#
58 700.0 57.9 86.9#



#50
Toluene-d8
Concen: 49.845 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Tgt Ion: 98 Resp: 258564
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8

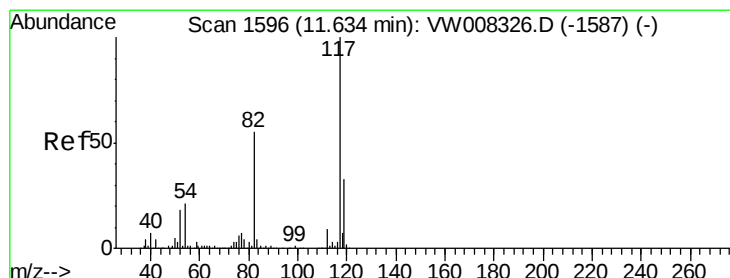
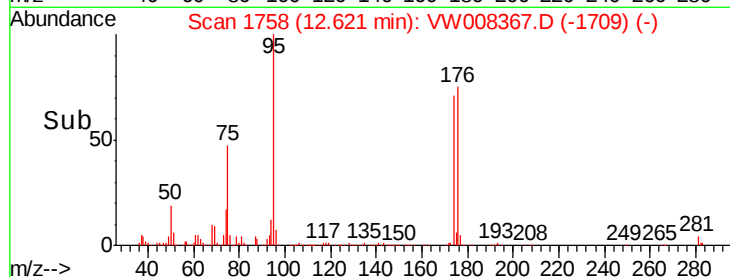
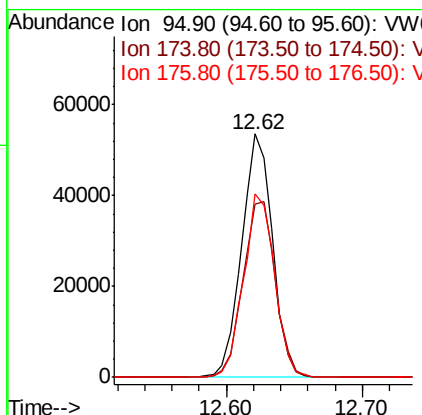
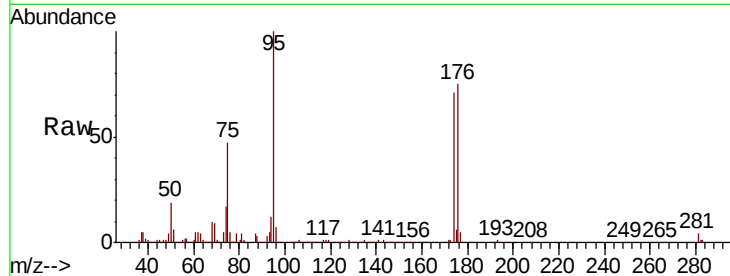




#62
4-Bromofluorobenzene
Concen: 45.567 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

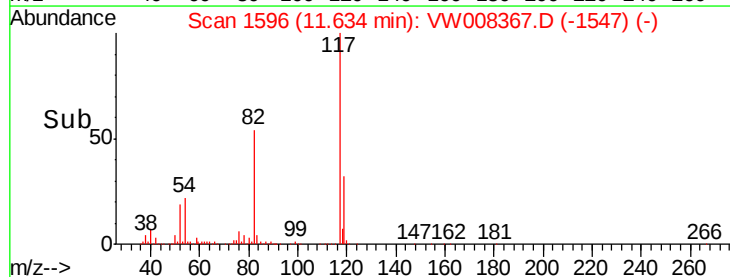
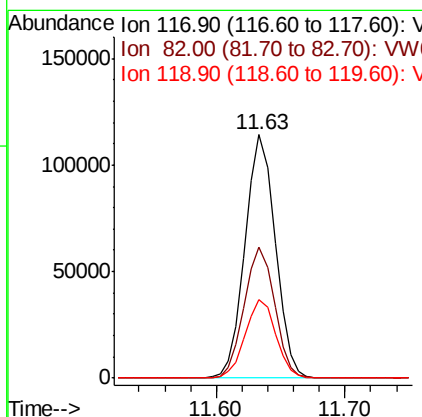
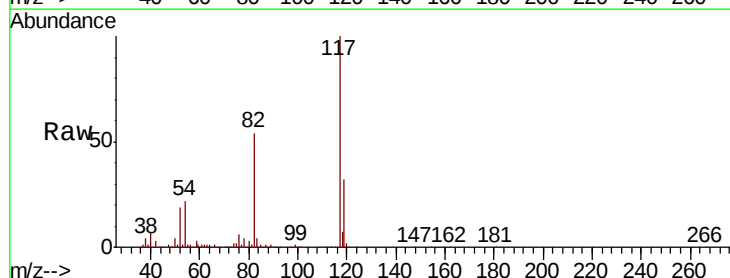
Instrument :
MSVOA_W
ClientSampleId :
VW0121SBL01

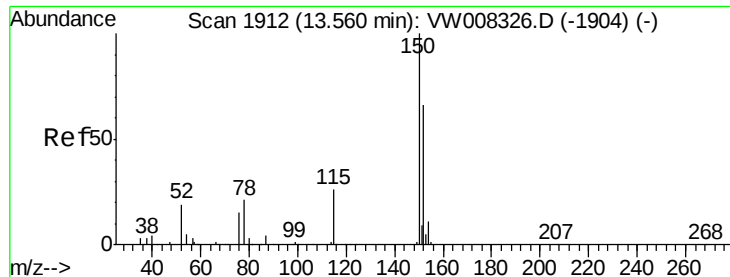
Tgt Ion: 95 Resp: 84775
Ion Ratio Lower Upper
95 100
174 76.2 0.0 166.0
176 76.2 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Tgt Ion: 117 Resp: 185545
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008367.D

Acq: 21 Jan 2019 11:30

Instrument :

MSVOA_W

ClientSampleId :

VW0121SBL01

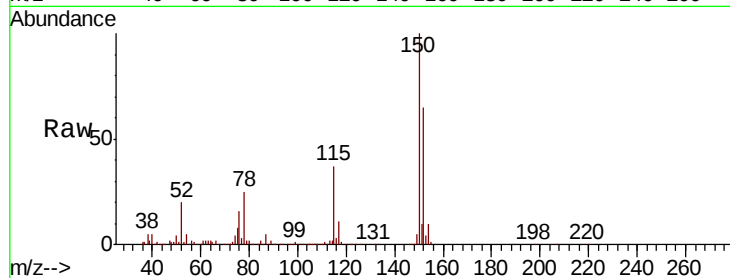
Tgt Ion:152 Resp: 83994

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.4

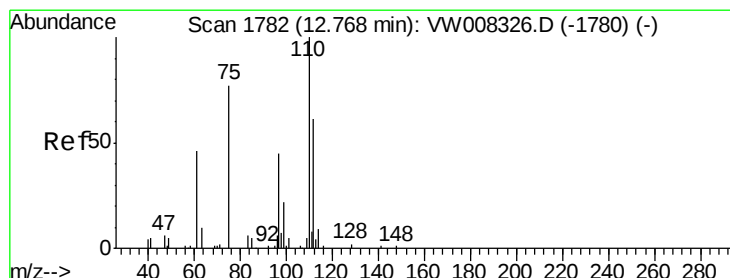
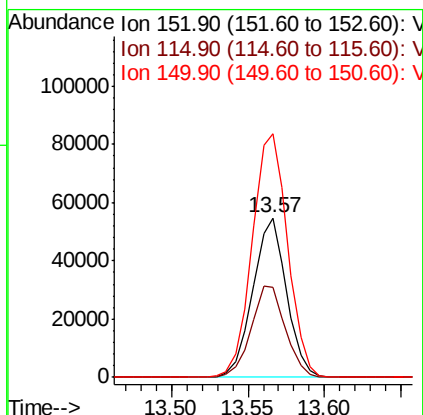
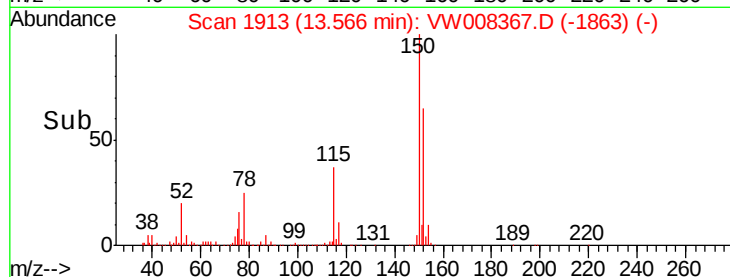
150 160.4 0.0 351.4



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: 53.326 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008367.D

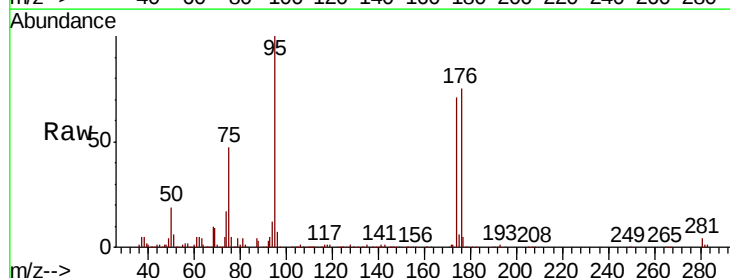
Acq: 21 Jan 2019 11:30

Tgt Ion: 75 Resp: 40789

Ion Ratio Lower Upper

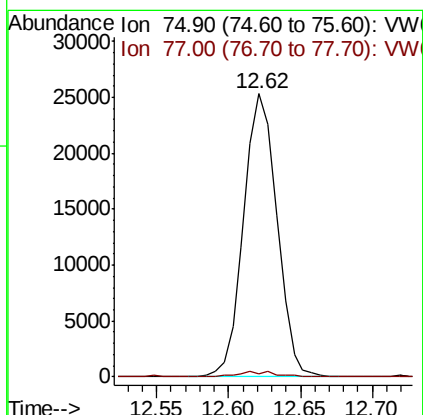
75 100

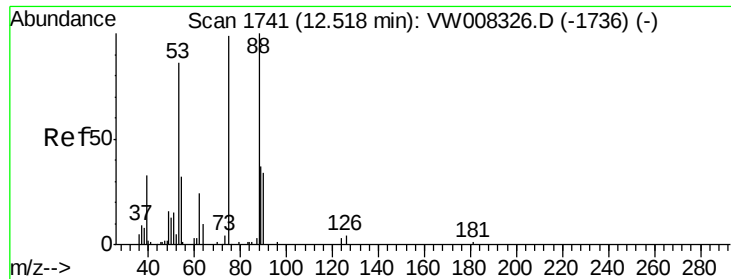
77 2.5 175.3 526.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

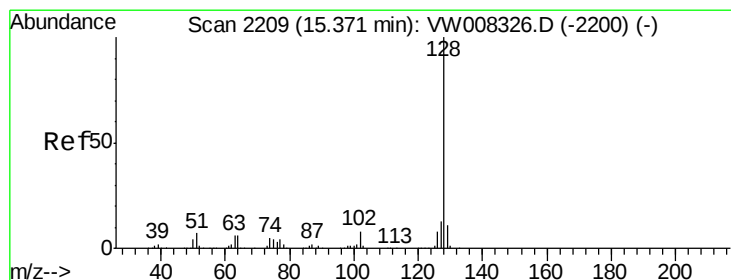
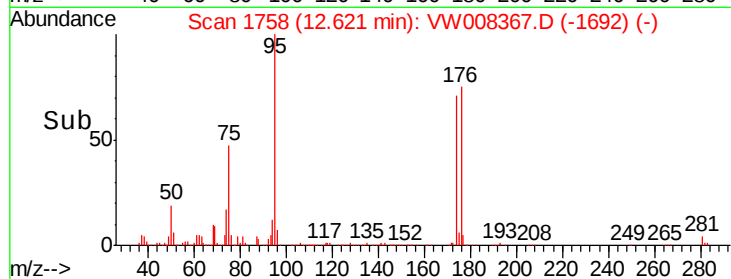
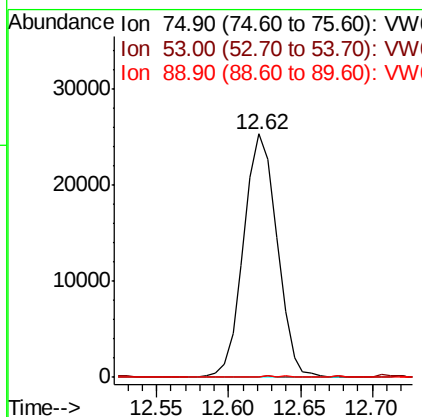
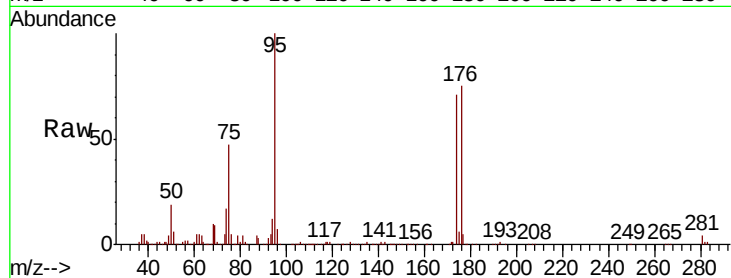




#81
trans-1,4-Dichloro-2-butene
Concen: 127.259 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Instrument :
MSVOA_W
ClientSampleId :
VW0121SBL01

Tgt Ion: 75 Resp: 40789
Ion Ratio Lower Upper
75 100
53 0.1 76.2 114.4#
89 0.4 36.7 55.1#



#95
Naphthalene
Concen: 2.680 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008367.D
Acq: 21 Jan 2019 11:30

Tgt Ion: 128 Resp: 1184
Ion Ratio Lower Upper
128 100
127 23.9 10.5 15.7#
129 10.7 8.8 13.2

