

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008873.D
 Acq On : 28 Feb 2019 01:14
 Operator : SY/VA
 Sample : VW0227SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBL02

Quant Time: Feb 28 11:26:32 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	351505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	545573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	474601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	226880	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	190106	57.66	ug/l	0.00
Spiked Amount						
			Recovery	=	115.32%	
35) Dibromofluoromethane	7.88	113	162581	49.63	ug/l	0.00
Spiked Amount						
			Recovery	=	99.26%	
50) Toluene-d8	10.32	98	643796	50.91	ug/l	0.00
Spiked Amount						
			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.62	95	217824	44.00	ug/l	0.00
Spiked Amount						
			Recovery	=	88.00%	

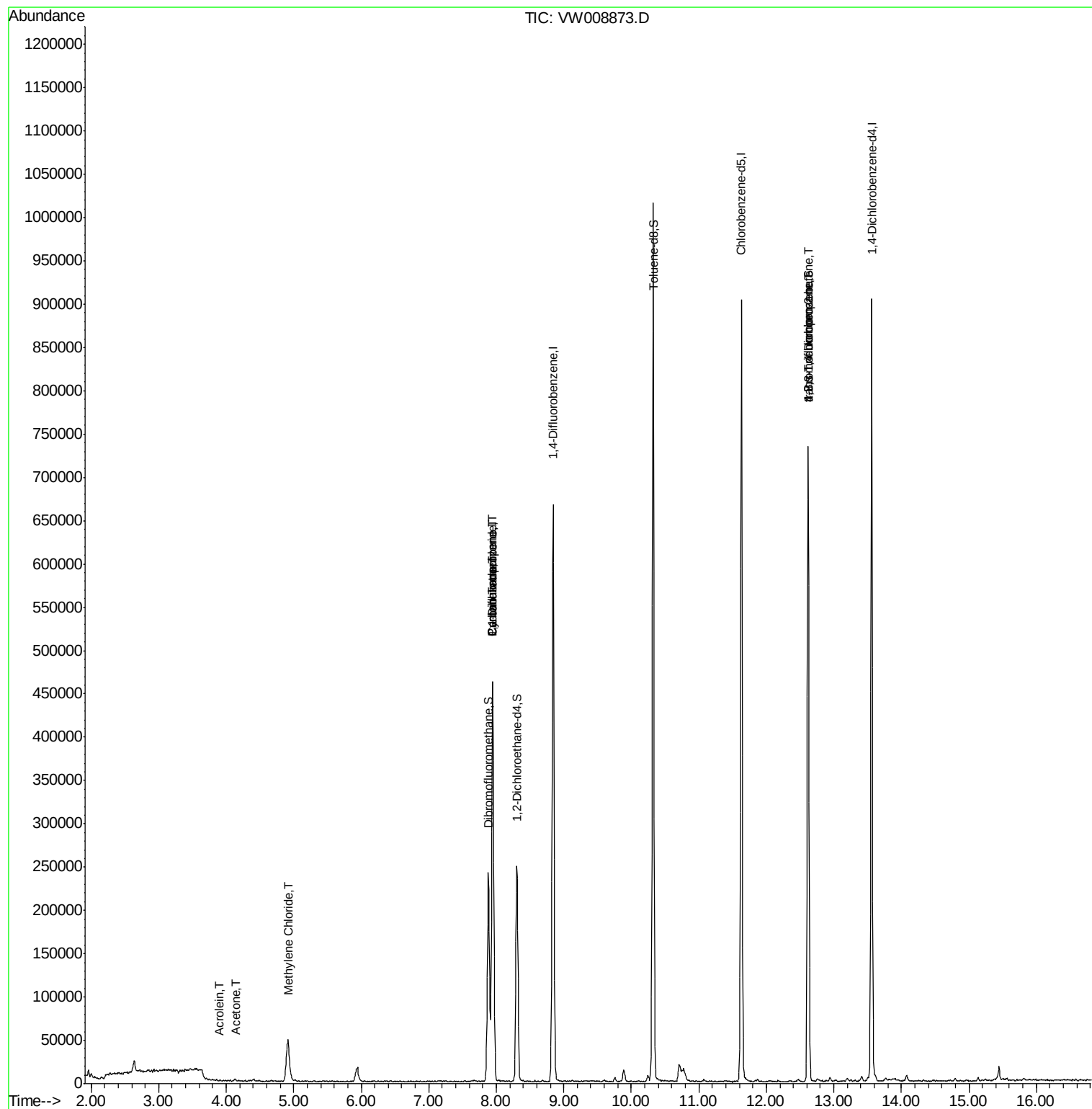
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.90	56	127	20.158	ug/l	87
16) Acetone	4.14	43	2694	3.525	ug/l	93
20) Methylene Chloride	4.92	84	36296	5.049	ug/l	92
31) Cyclohexane	7.95	56	7960	1.281	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	26565	5.002	ug/l #	51
38) Carbon Tetrachloride	7.95	117	33507	5.983	ug/l #	17
76) 1,2,3-Trichloropropane	12.61	75	116153	62.008	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	116153	150.746	ug/l #	6

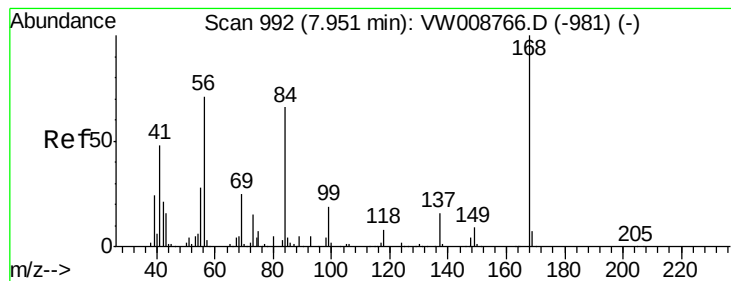
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

Instrument :

MSVOA_W

ClientSampleId :

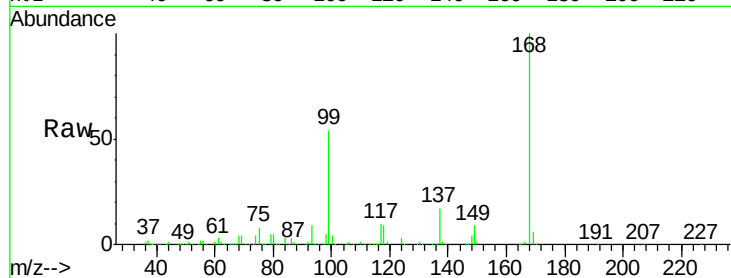
VW0227SBL02

Tot Ion:168 Resp: 351505

Ion Ratio Lower Upper

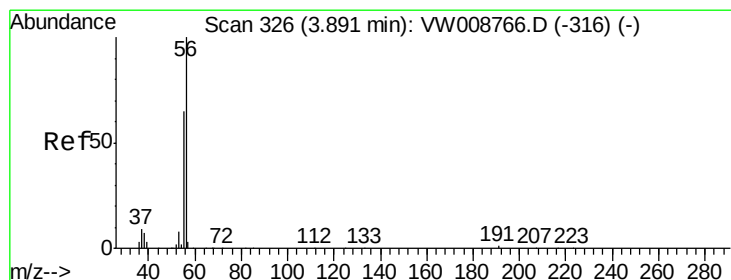
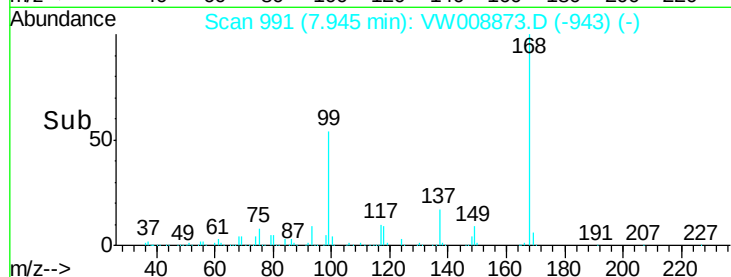
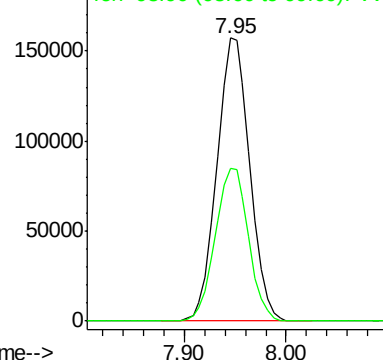
168 100

99 54.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 20.158 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008873.D

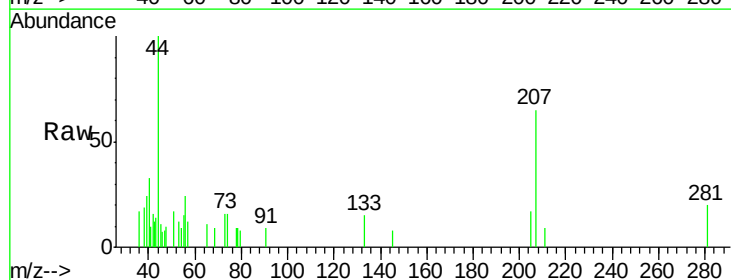
Acq: 28 Feb 2019 01:14

Tgt Ion: 56 Resp: 127

Ion Ratio Lower Upper

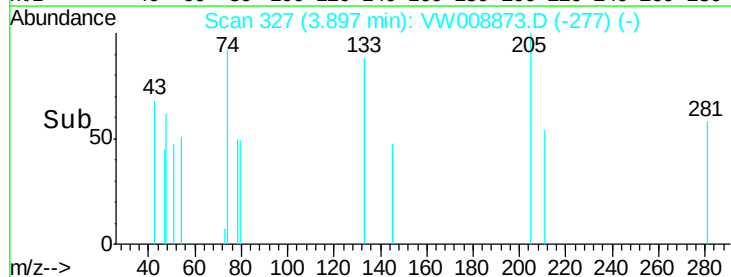
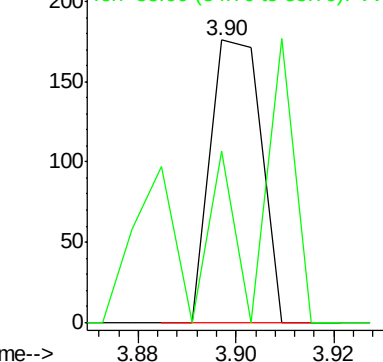
56 100

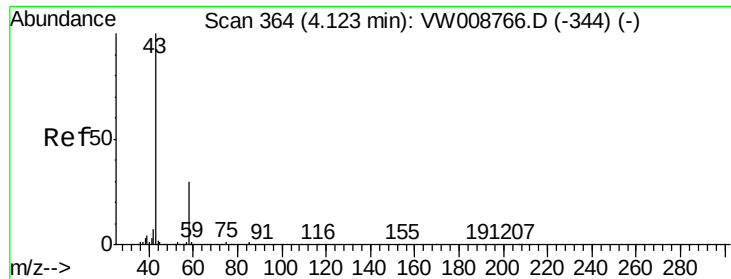
55 81.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

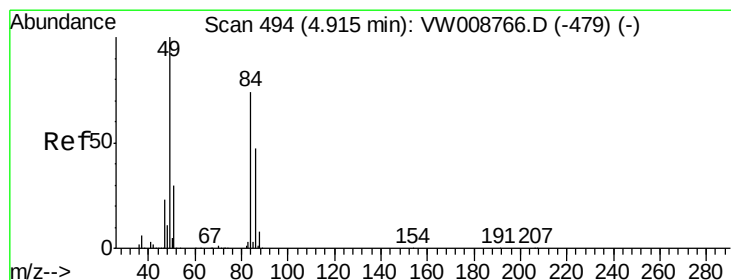
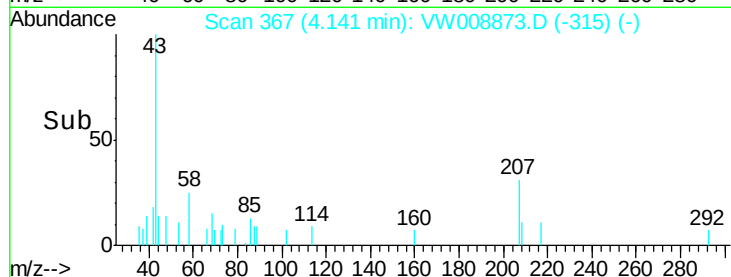
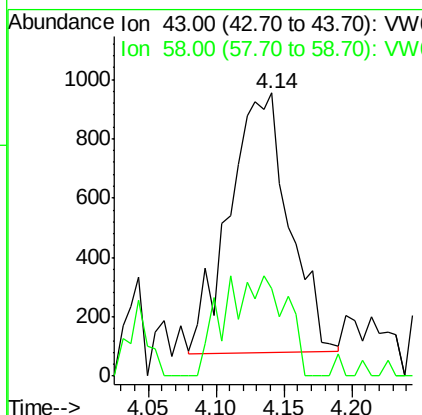
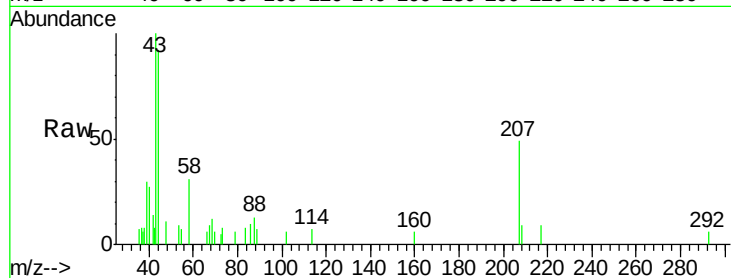




#16
Acetone
Concen: 3.525 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW008873.D
Acq: 28 Feb 2019 01:14

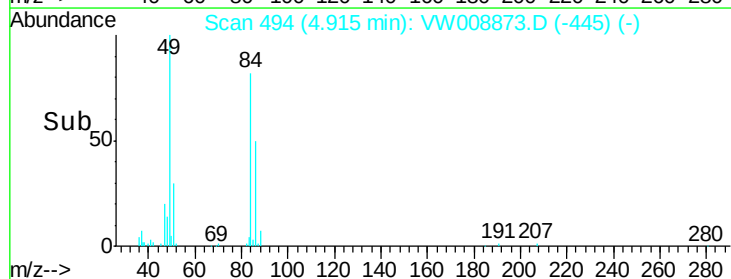
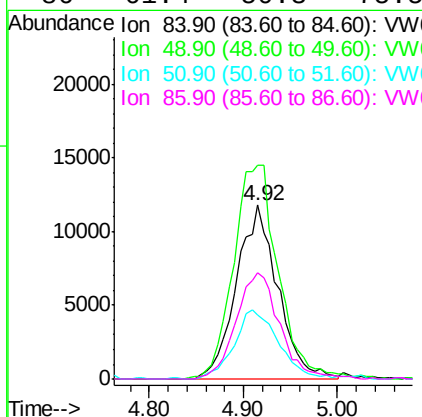
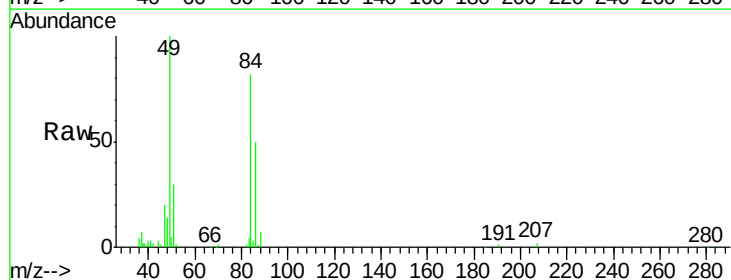
Instrument :
MSVOA_W
ClientSampleId :
VW0227SBL02

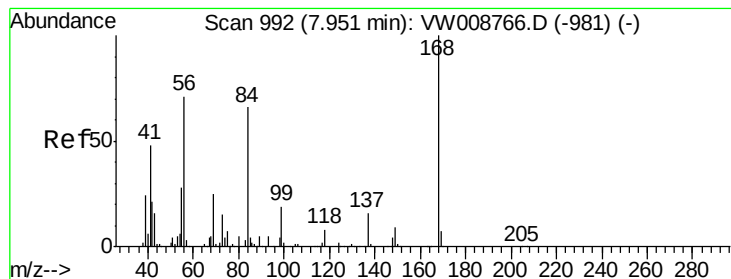
Tot Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
58 33.6 23.8 35.6



#20
Methylene Chloride
Concen: 5.049 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008873.D
Acq: 28 Feb 2019 01:14

Tgt Ion: 84 Resp: 36296
Ion Ratio Lower Upper
84 100
49 122.1 108.2 162.2
51 36.8 32.7 49.1
86 61.4 50.3 75.5





#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

Instrument :

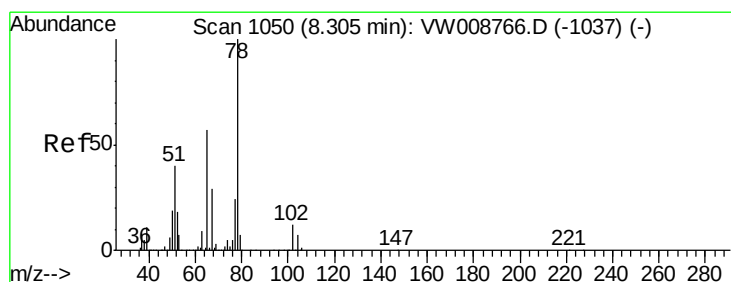
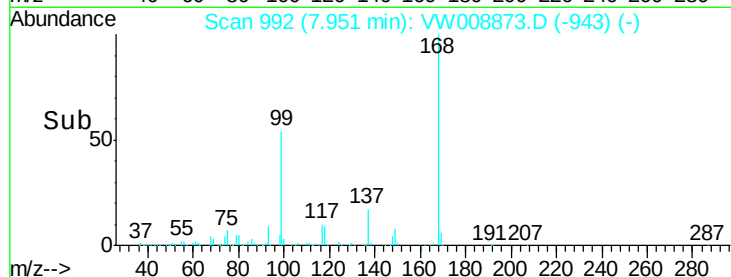
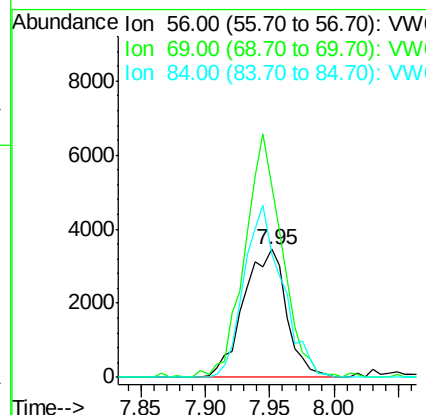
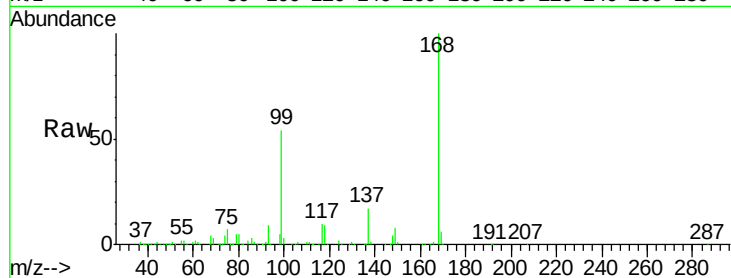
MSVOA_W

ClientSampleId :

VW0227SBL02

Tot Ion: 56 Resp: 7960

Ion	Ratio	Lower	Upper
56	100		
69	149.1	28.2	42.4#
84	96.5	74.1	111.1



#33

1,2-Dichloroethane-d4

Concen: 57.664 ug/l

RT: 8.30 min Scan# 1050

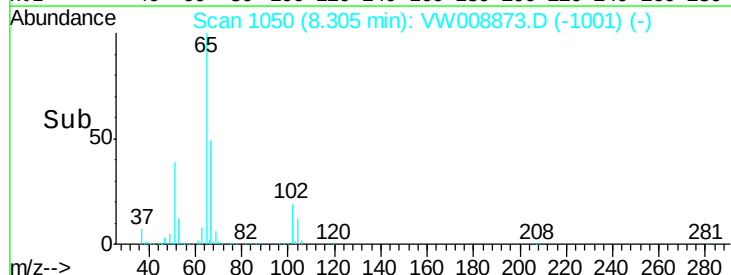
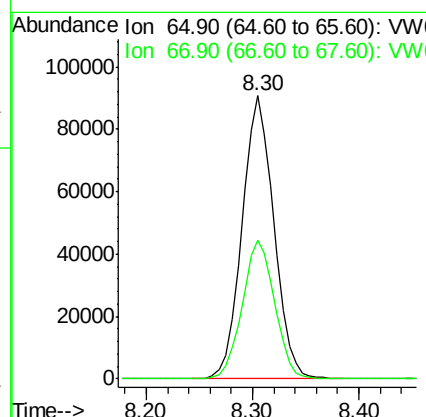
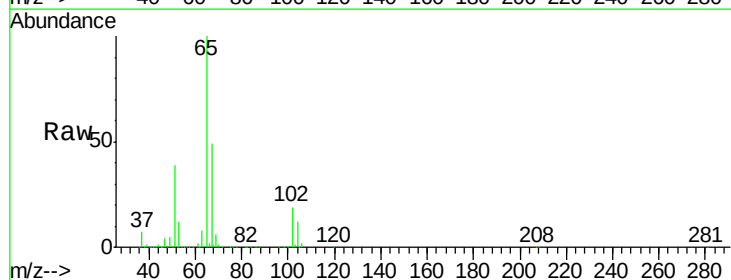
Delta R.T. -0.00 min

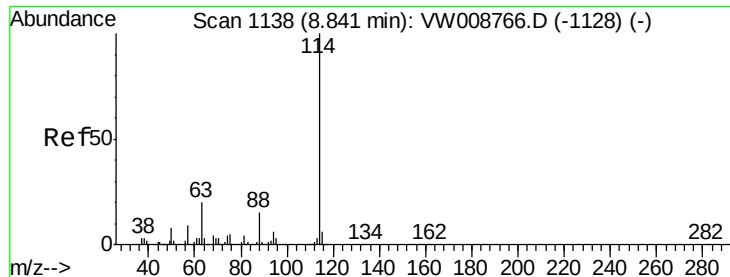
Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

Tgt Ion: 65 Resp: 190106

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.4

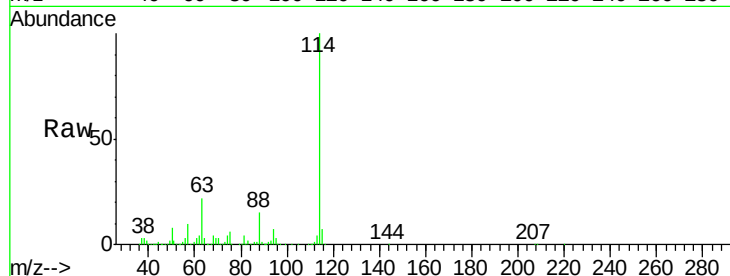




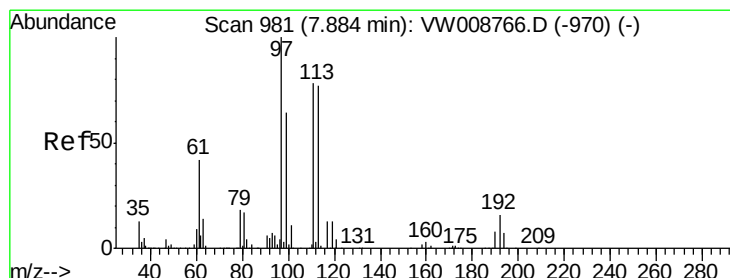
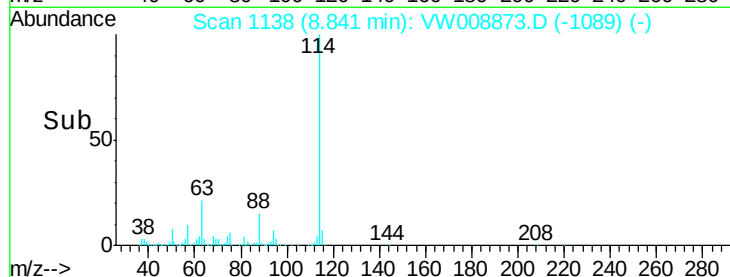
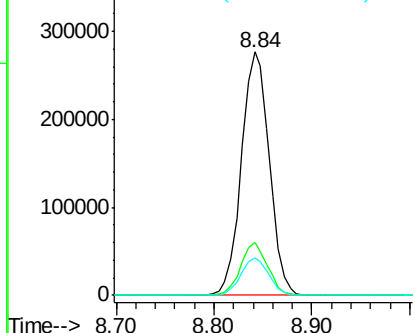
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008873.D
 Acq: 28 Feb 2019 01:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBL02

Tot Ion:114 Resp: 545573
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.8
 88 15.3 0.0 30.4

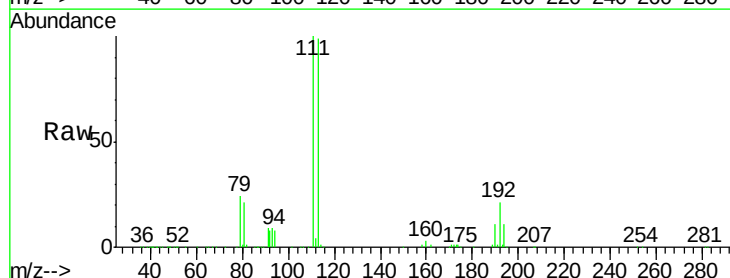


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

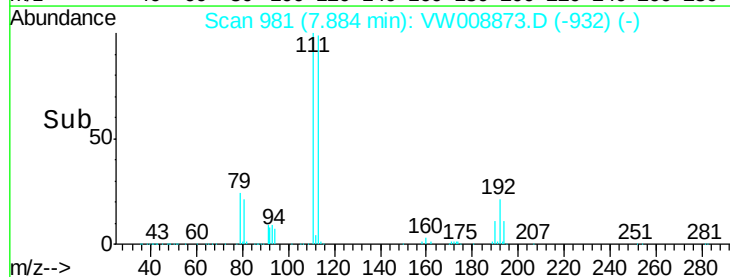
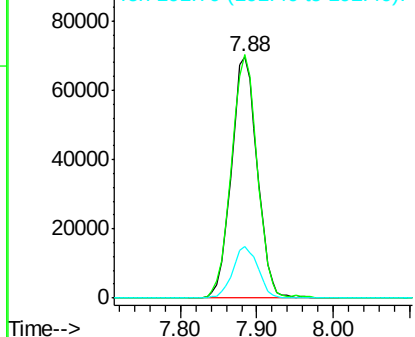


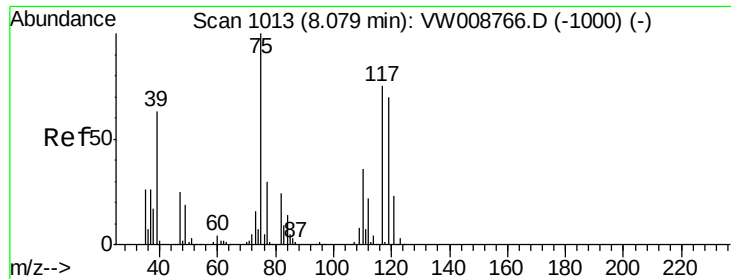
#35
 Dibromofluoromethane
 Concen: 49.633 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008873.D
 Acq: 28 Feb 2019 01:14

Tgt Ion:113 Resp: 162581
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 20.9 17.1 25.7



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: 5.002 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBL02

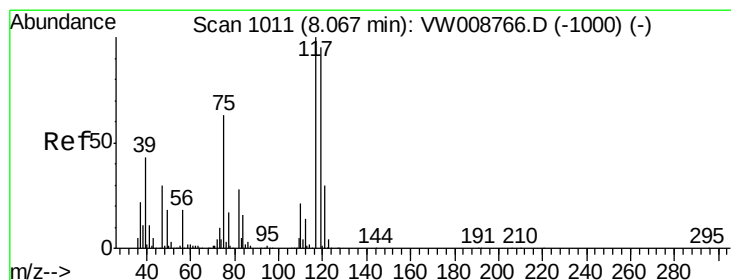
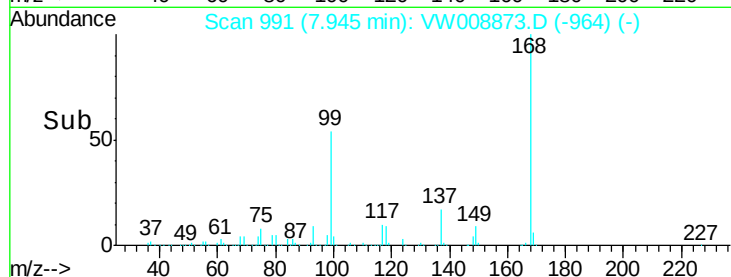
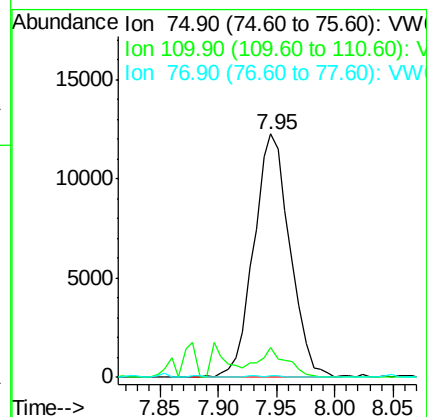
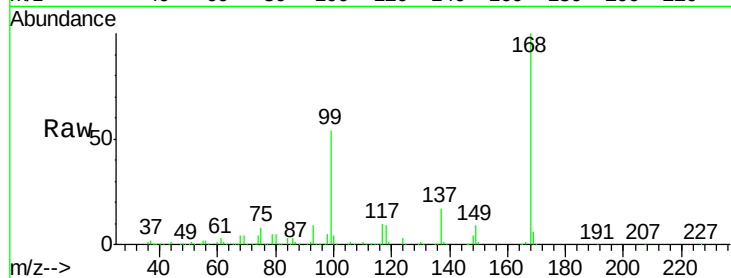
Tot Ion: 75 Resp: 26565

Ion Ratio Lower Upper

75 100

110 9.8 17.5 52.6#

77 0.2 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.983 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

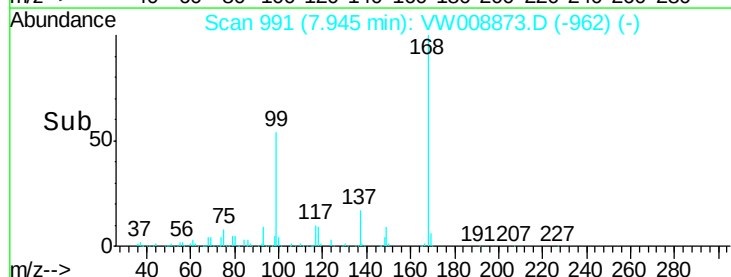
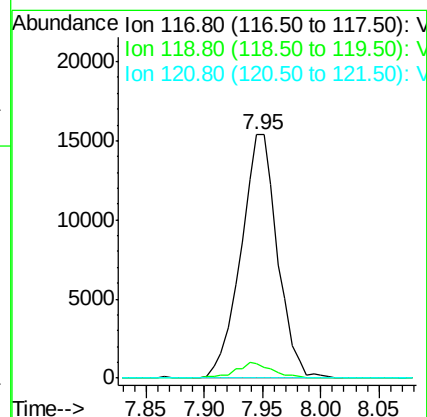
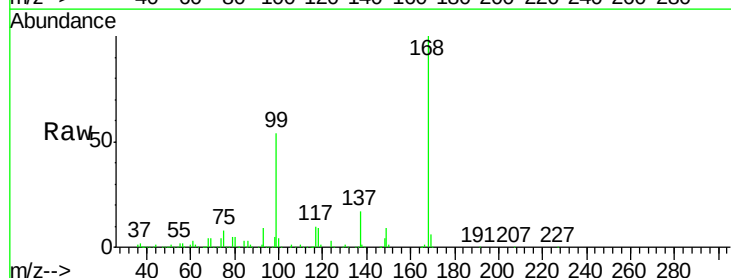
Tgt Ion: 117 Resp: 33507

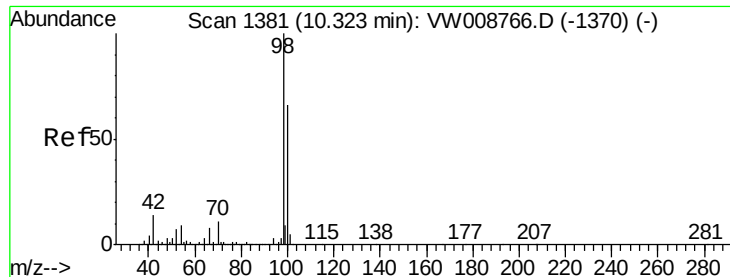
Ion Ratio Lower Upper

117 100

119 5.7 76.1 114.1#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 50.913 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

Instrument :

MSVOA_W

ClientSampleId :

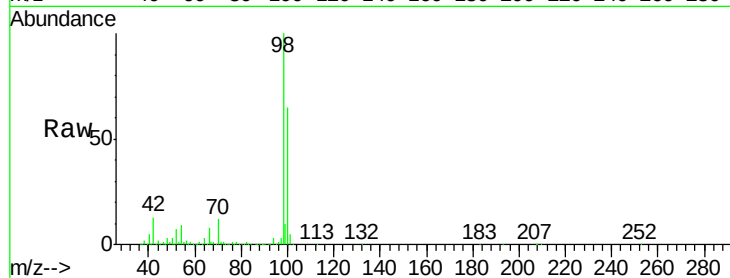
VW0227SBL02

Tot Ion: 98 Resp: 643796

Ion Ratio Lower Upper

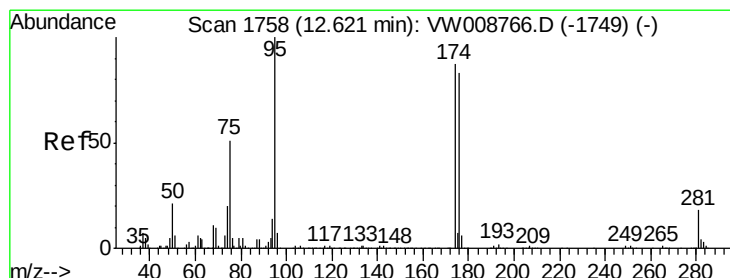
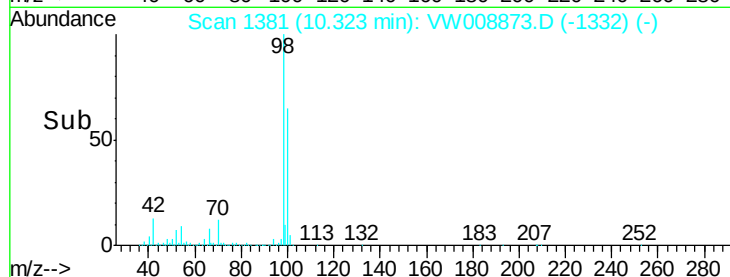
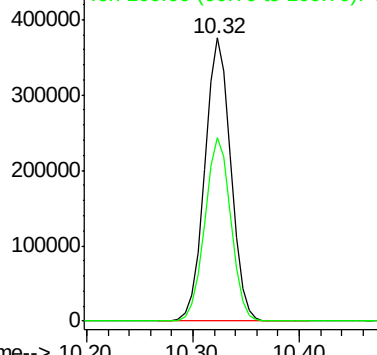
98 100

100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.995 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

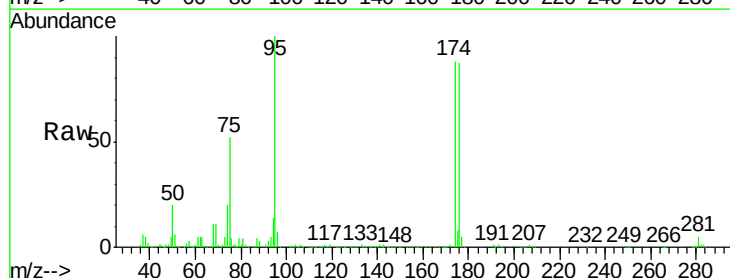
Tgt Ion: 95 Resp: 217824

Ion Ratio Lower Upper

95 100

174 87.0 0.0 169.2

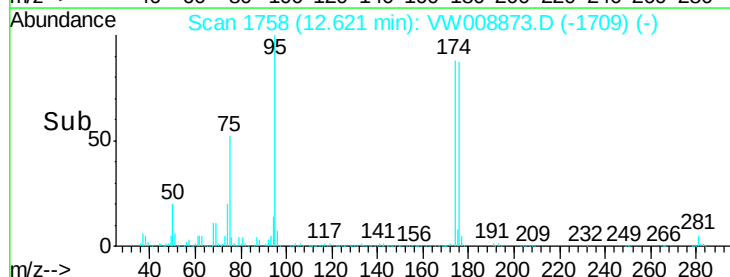
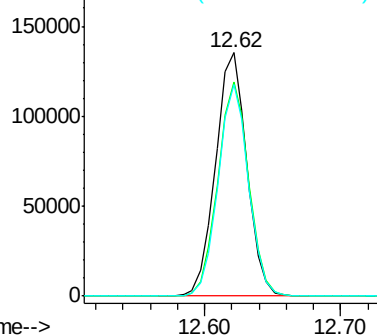
176 84.4 0.0 163.6

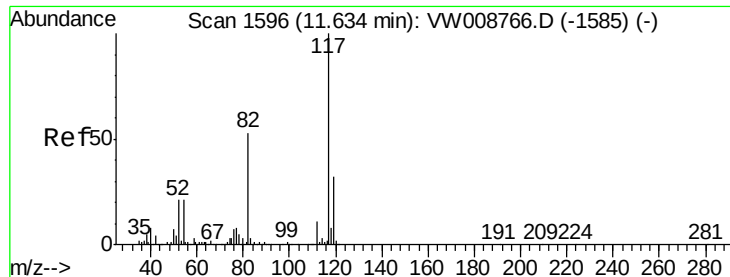


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

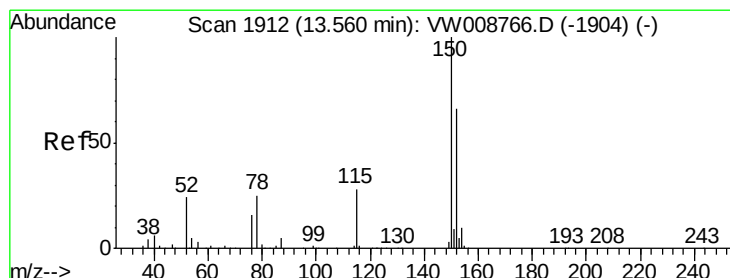
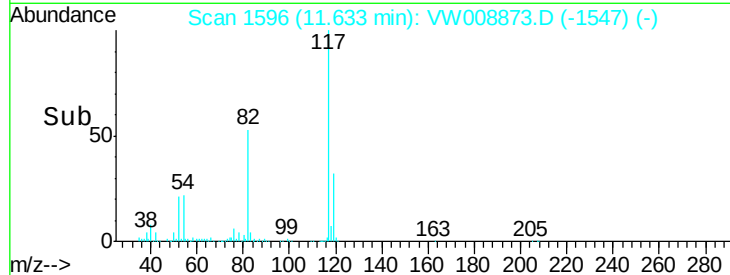
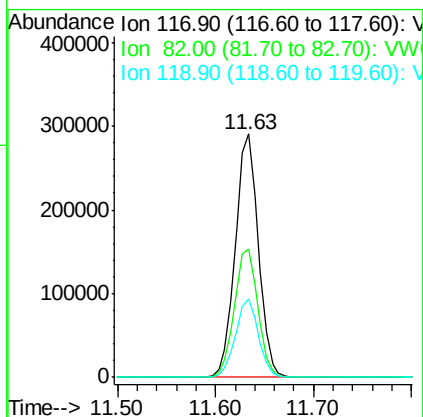
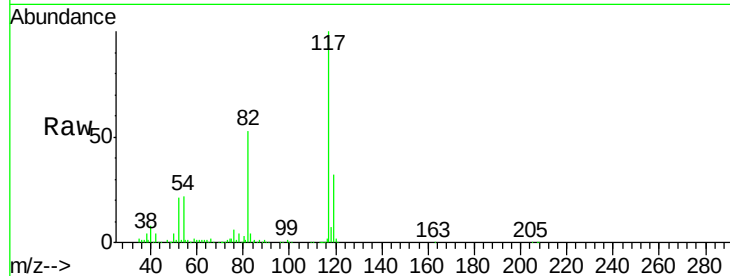




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008873.D
Acq: 28 Feb 2019 01:14

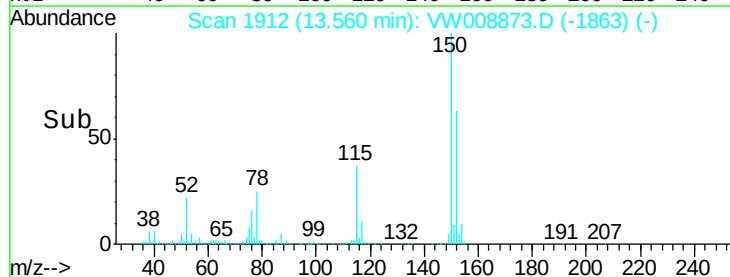
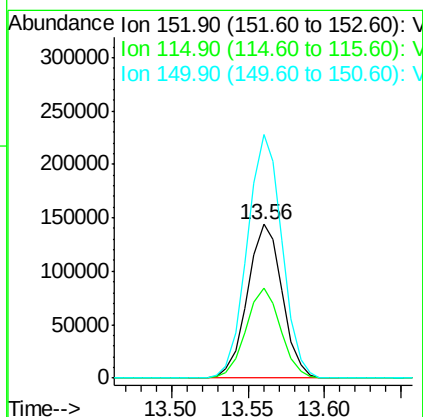
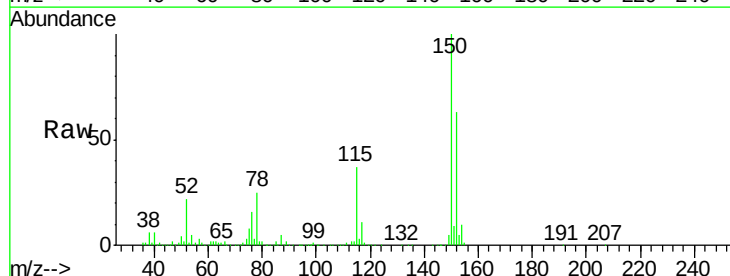
Instrument :
MSVOA_W
ClientSampleId :
VW0227SBL02

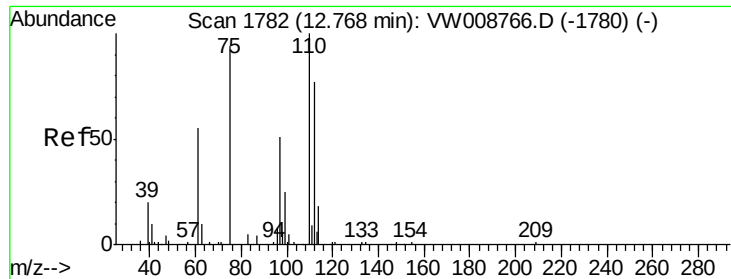
Tot Ion:117 Resp: 474601
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.4
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008873.D
Acq: 28 Feb 2019 01:14

Tgt Ion:152 Resp: 226880
Ion Ratio Lower Upper
152 100
115 58.1 28.6 85.8
150 159.1 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 62.008 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

Instrument :

MSVOA_W

ClientSampleId :

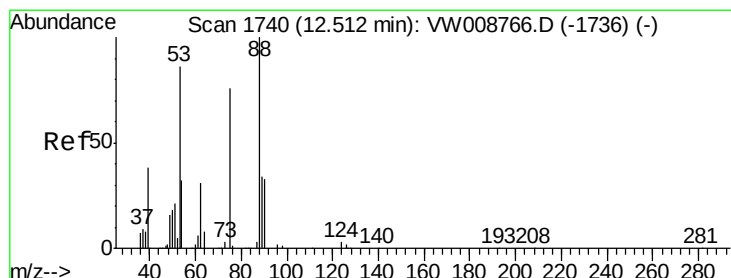
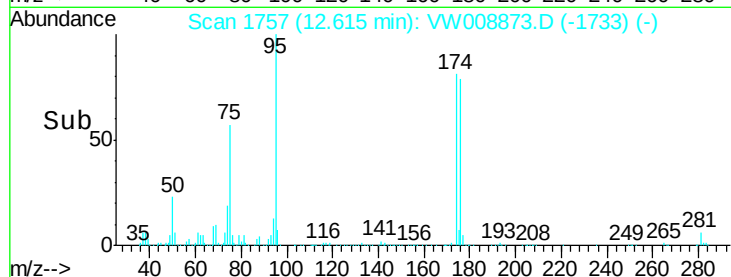
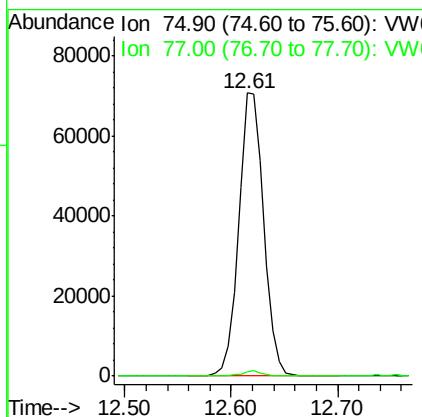
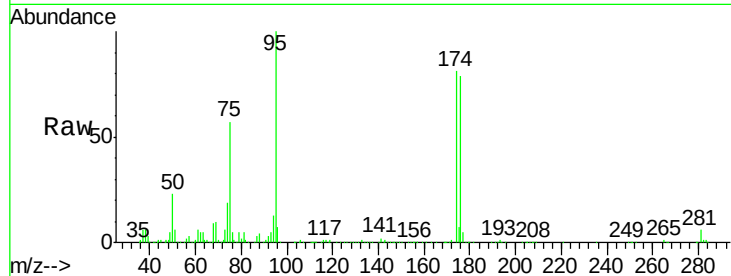
VW0227SBL02

Tot Ion: 75 Resp: 116153

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.746 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008873.D

Acq: 28 Feb 2019 01:14

Tgt Ion: 75 Resp: 116153

Ion Ratio Lower Upper

75 100

53 0.4 88.2 132.2#

89 0.0 39.5 59.3#

