

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008829.D
 Acq On : 26 Feb 2019 14:37
 Operator : SY/VA
 Sample : K1620-03
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02

Quant Time: Feb 27 05:58:08 2019
 Quant Method : Z:\VOASRV\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	310290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	439977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217759	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	176594	60.68	ug/l	0.00
Spiked Amount			Recovery	=	121.36%	
35) Dibromofluoromethane	7.88	113	148563	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	10.32	98	579727	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.62	95	217257	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	

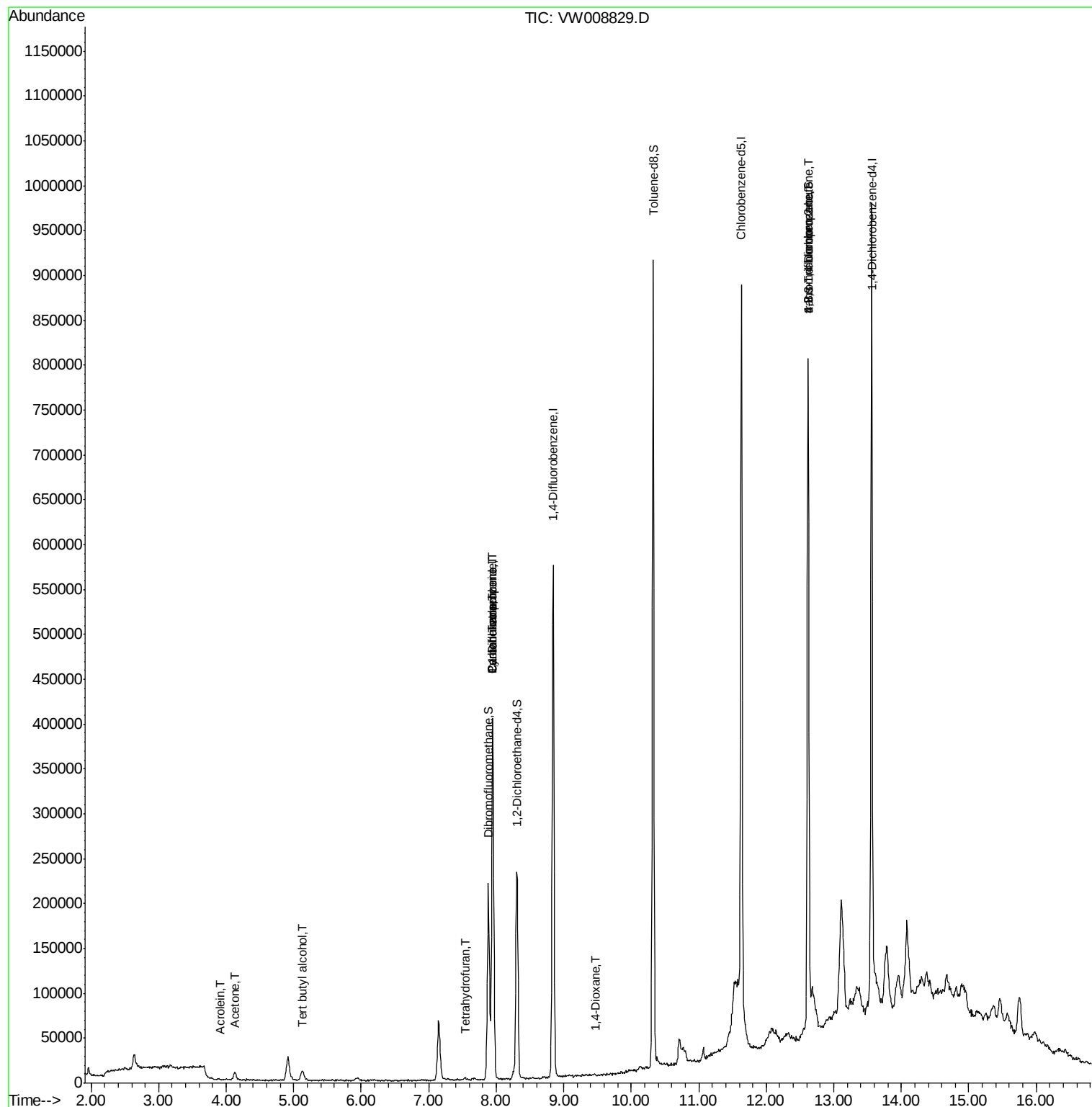
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	4843	18.692	ug/l #	70
13) Acrolein	3.92	56	89	20.080	ug/l #	1
16) Acetone	4.13	43	14951	22.164	ug/l	95
29) Tetrahydrofuran	7.53	42	1990	3.311	ug/l #	72
31) Cyclohexane	7.95	56	7158	1.305	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	23020	4.921	ug/l #	53
38) Carbon Tetrachloride	7.95	117	29240	5.927	ug/l #	16
49) 1,4-Dioxane	9.48	88	29	1.032	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	109974	61.168	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	109974	148.705	ug/l #	6

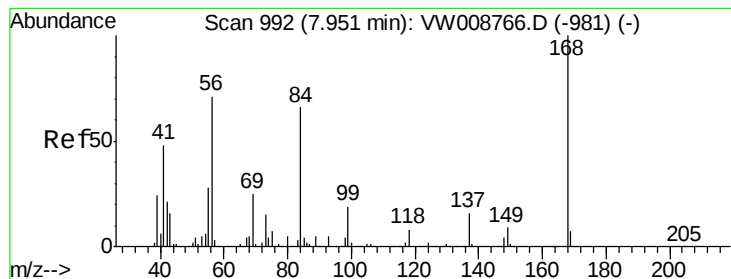
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
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MSVOA_W
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SB-02

Quant Time: Feb 27 05:58:08 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

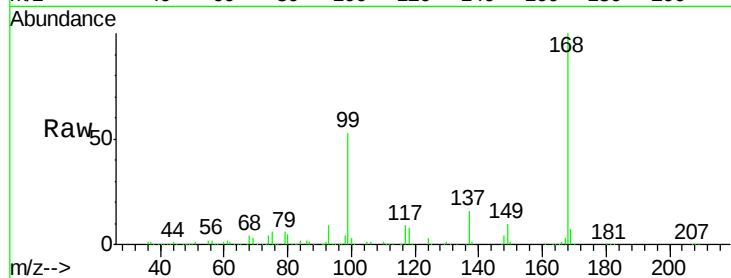
SB-02

Tot Ion:168 Resp: 310290

Ion Ratio Lower Upper

168 100

99 52.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

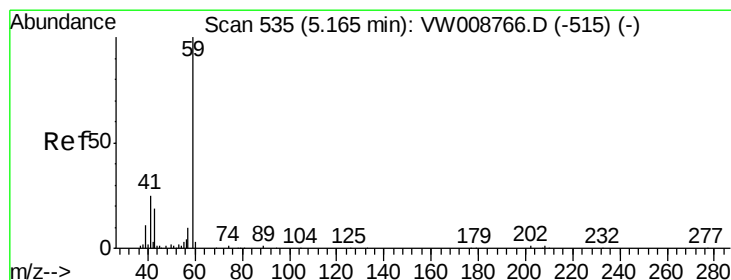
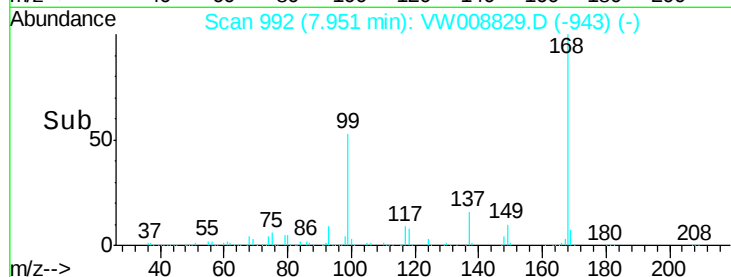
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 18.692 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW008829.D

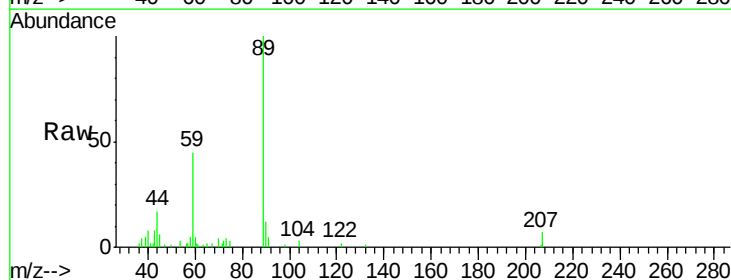
Acq: 26 Feb 2019 14:37

Tgt Ion: 59 Resp: 4843

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

2500

2000

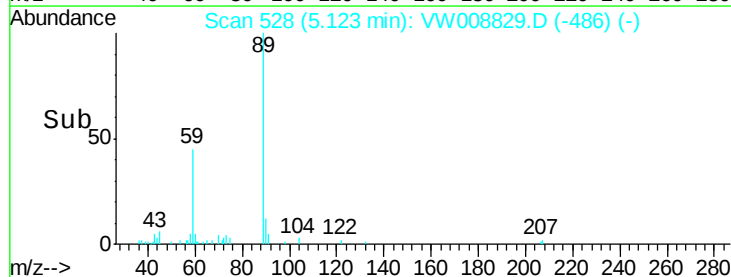
1500

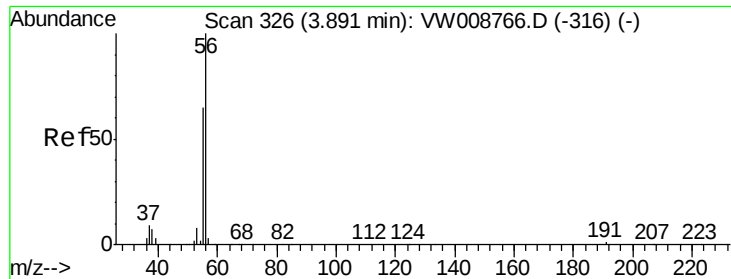
1000

500

0

Time--> 5.00 5.05 5.10 5.15

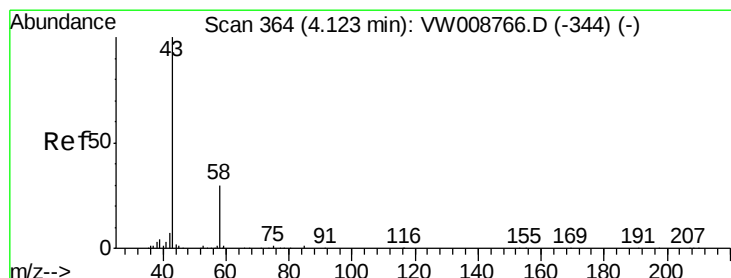
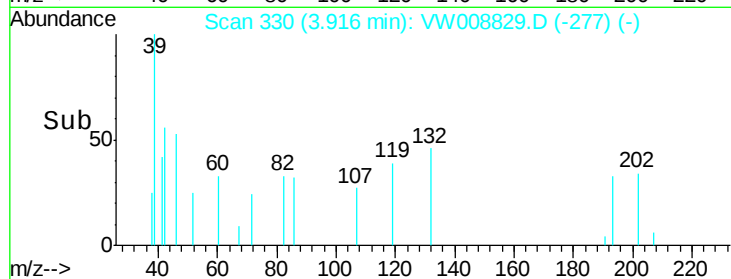
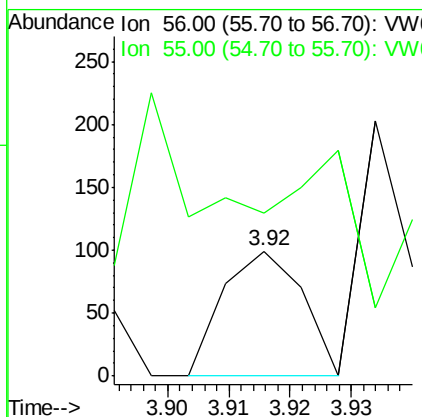
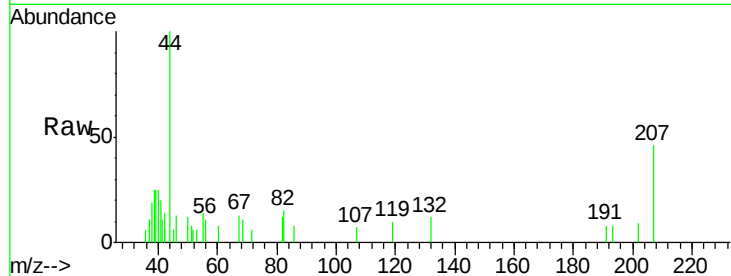




#13
Acrolein
Concen: 20.080 ug/l
RT: 3.92 min Scan# 330
Delta R.T. 0.02 min
Lab File: VW008829.D
Acq: 26 Feb 2019 14:37

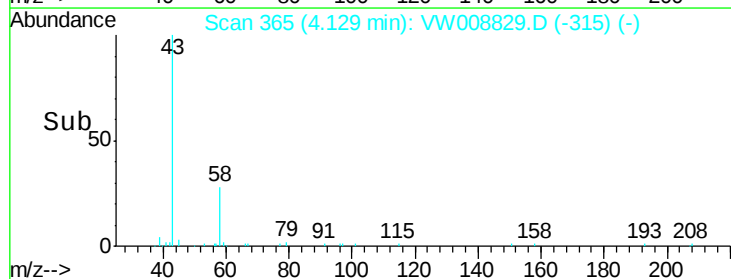
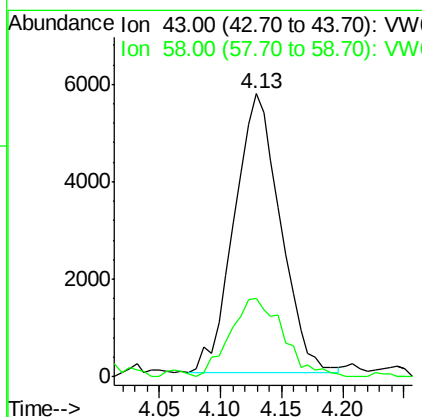
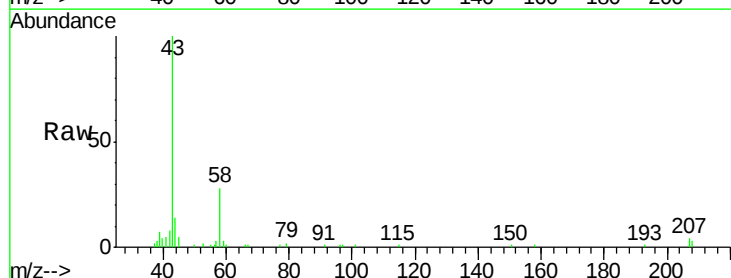
Instrument :
MSVOA_W
ClientSampled :
SB-02

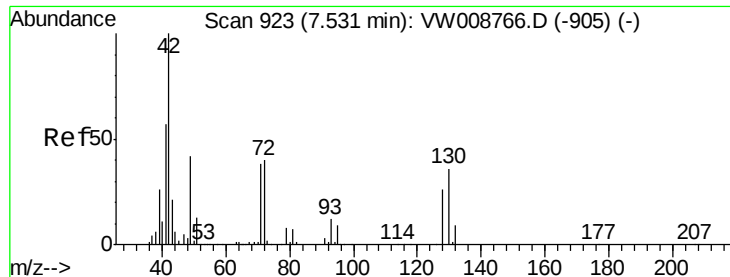
Tot Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 350.6 56.9 85.3#



#16
Acetone
Concen: 22.164 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008829.D
Acq: 26 Feb 2019 14:37

Tgt Ion: 43 Resp: 14951
Ion Ratio Lower Upper
43 100
58 26.8 23.8 35.6

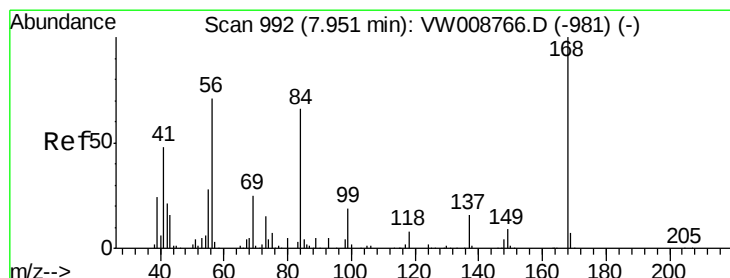
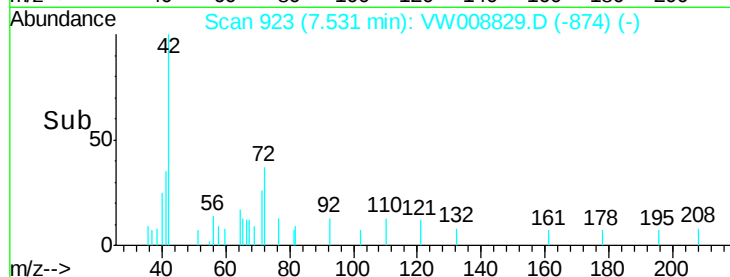
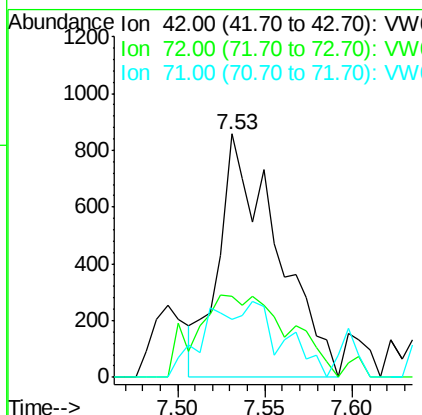
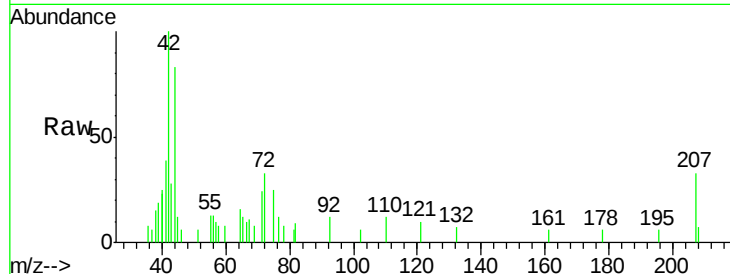




#29
Tetrahydrofuran
Concen: 3.311 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008829.D
Acq: 26 Feb 2019 14:37

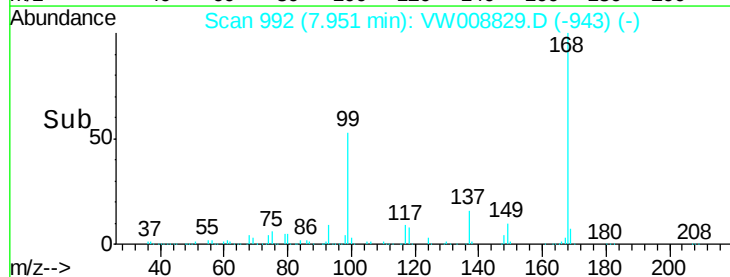
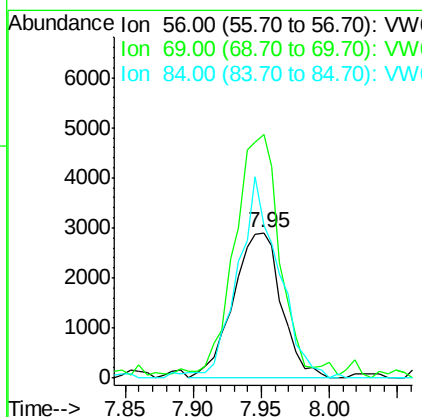
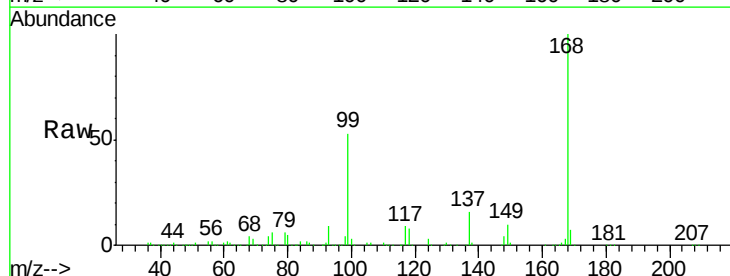
Instrument :
MSVOA_W
ClientSampleId :
SB-02

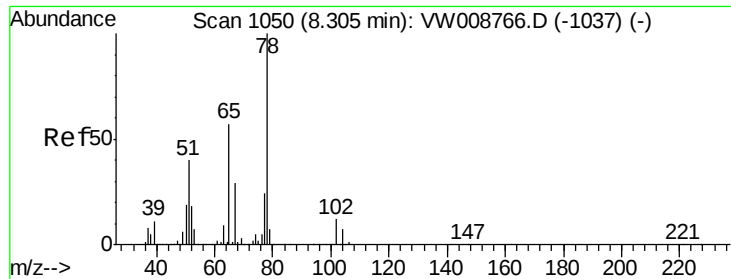
Tot Ion: 42 Resp: 1990
Ion Ratio Lower Upper
42 100
72 53.5 32.7 49.1#
71 17.4 31.3 46.9#



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008829.D
Acq: 26 Feb 2019 14:37

Tgt Ion: 56 Resp: 7158
Ion Ratio Lower Upper
56 100
69 165.1 28.2 42.4#
84 102.3 74.1 111.1

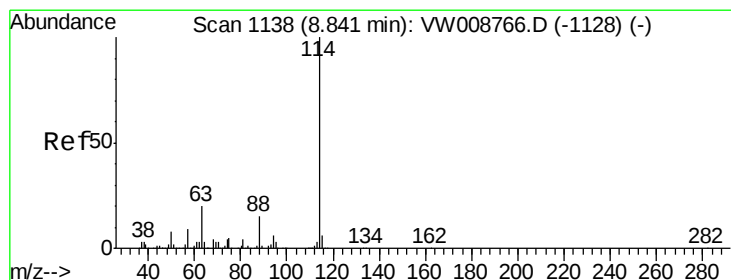
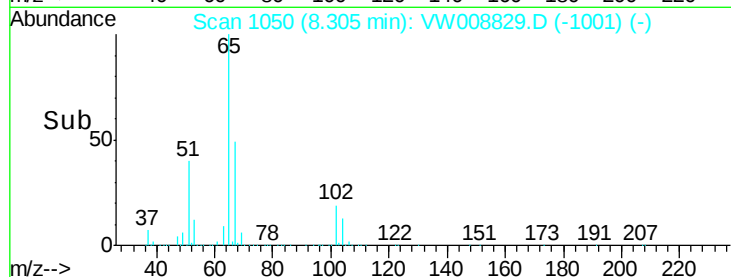
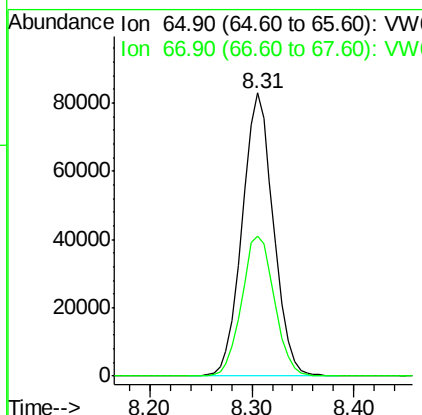
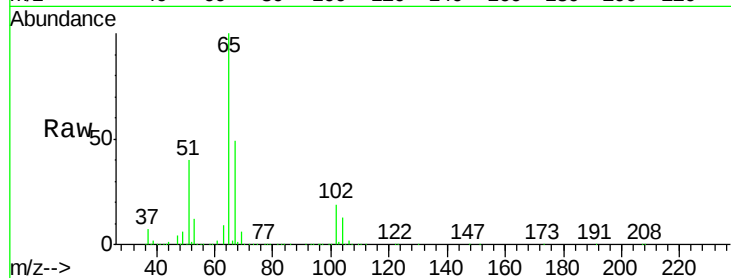




#33
 1,2-Dichloroethane-d4
 Concen: 60.680 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008829.D
 Acq: 26 Feb 2019 14:37

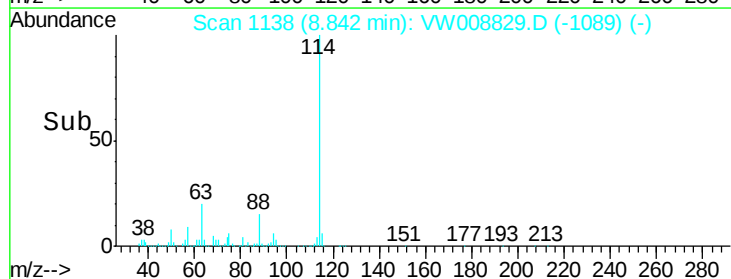
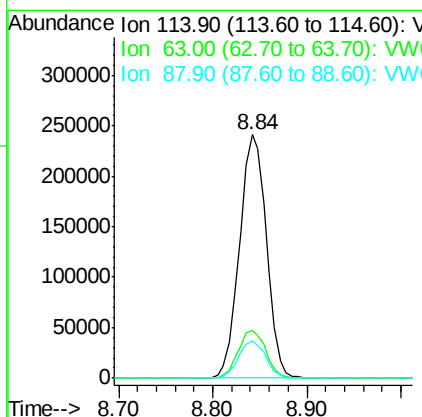
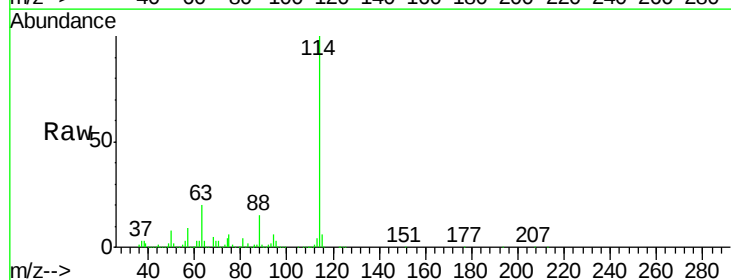
Instrument :
 MSVOA_W
 ClientSampled :
 SB-02

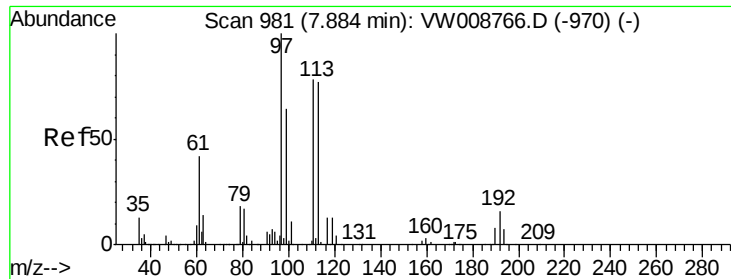
Tot Ion: 65 Resp: 176594
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008829.D
 Acq: 26 Feb 2019 14:37

Tgt Ion: 114 Resp: 480536
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.492 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

SB-02

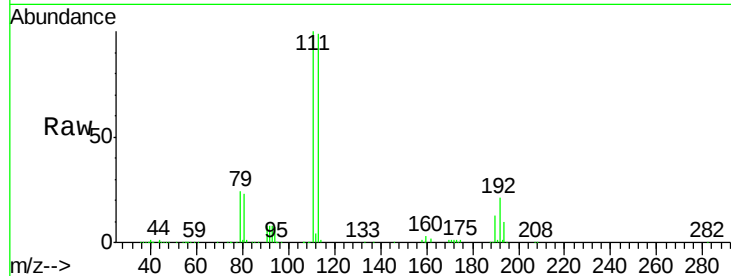
Tot Ion:113 Resp: 148563

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

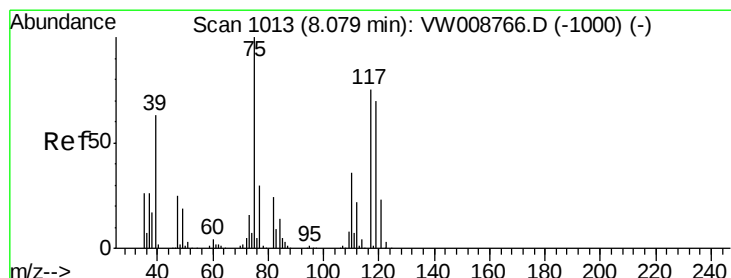
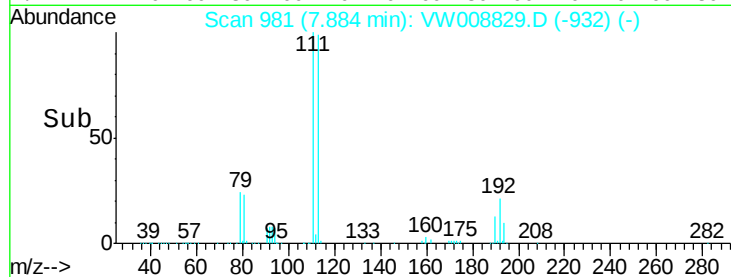
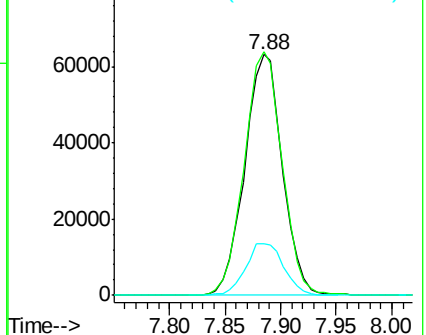
192 22.0 17.1 25.7



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: 4.921 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

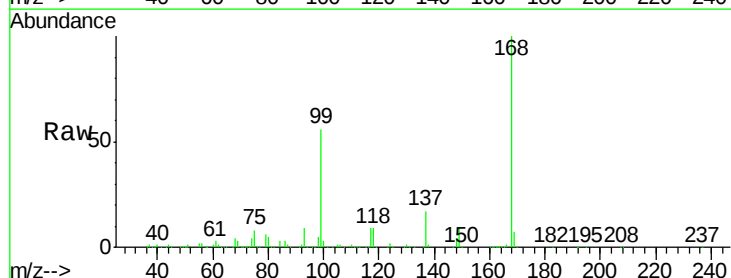
Tgt Ion: 75 Resp: 23020

Ion Ratio Lower Upper

75 100

110 12.0 17.5 52.6#

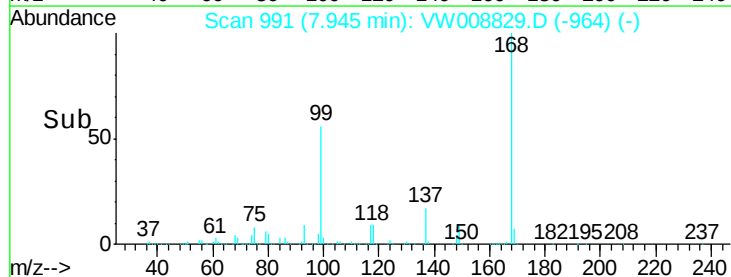
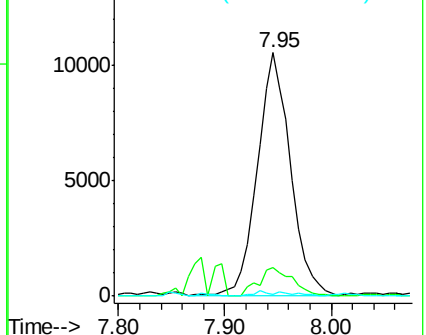
77 0.4 24.5 36.7#

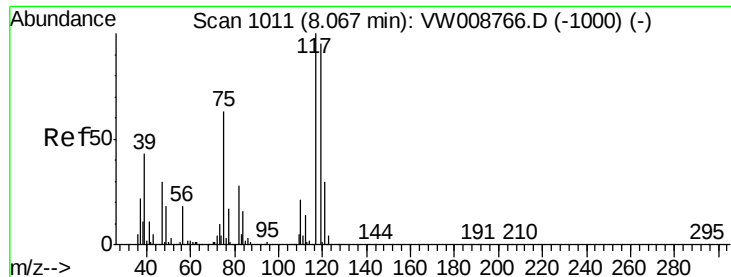


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.927 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

SB-02

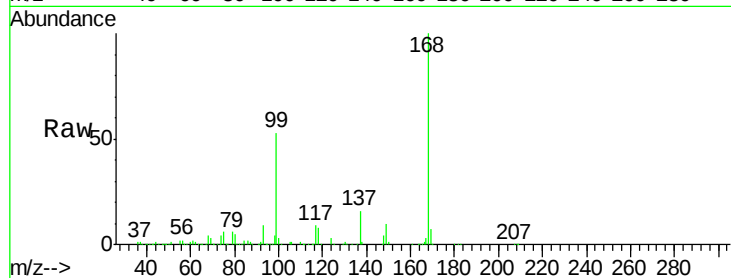
Tot Ion:117 Resp: 29240

Ion Ratio Lower Upper

117 100

119 4.4 76.1 114.1#

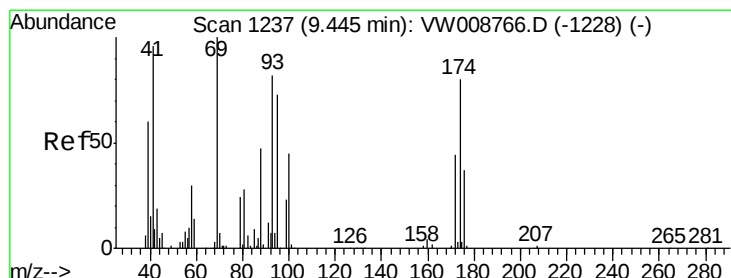
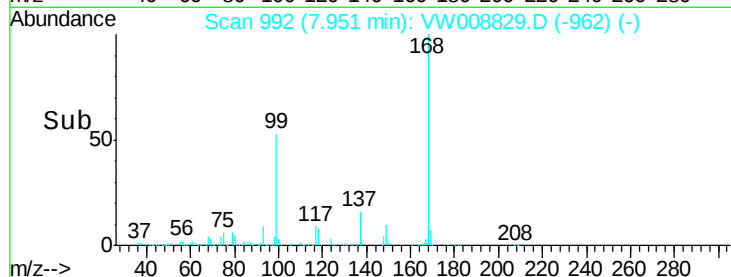
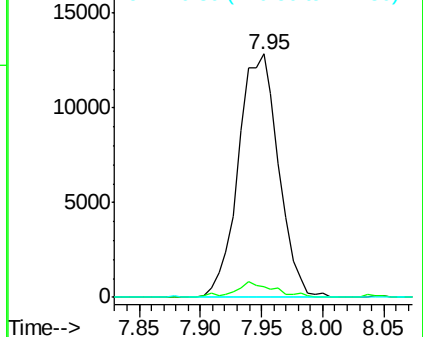
121 0.0 24.0 36.0#



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



#49

1,4-Dioxane

Concen: 1.032 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.03 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

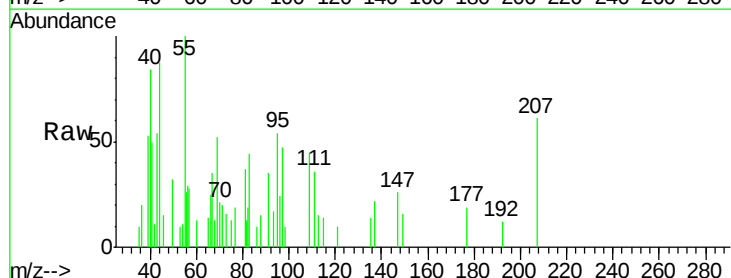
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

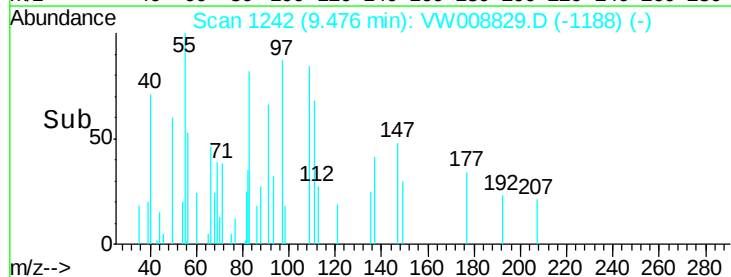
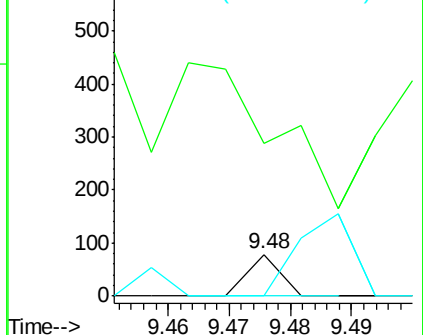
58 334.5 52.0 78.0#

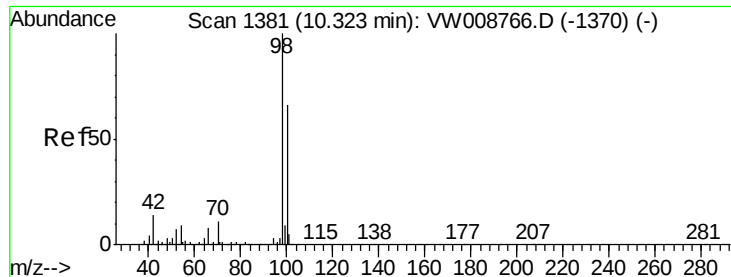


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 52.051 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

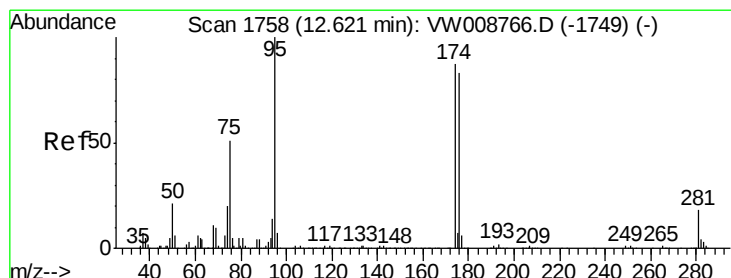
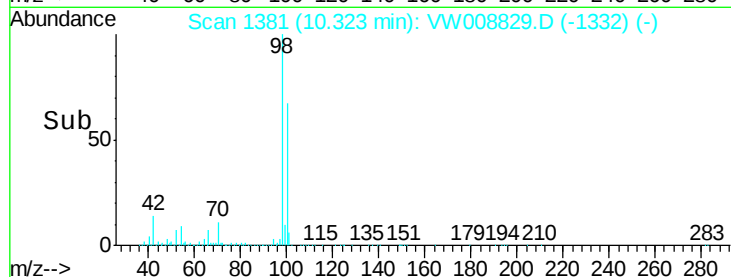
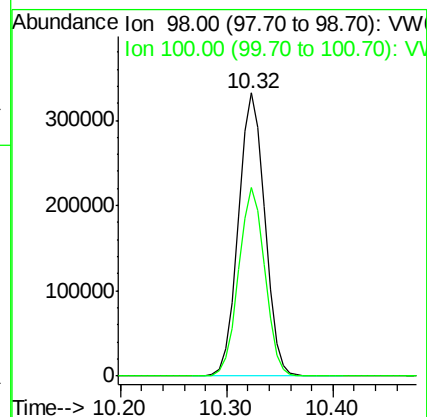
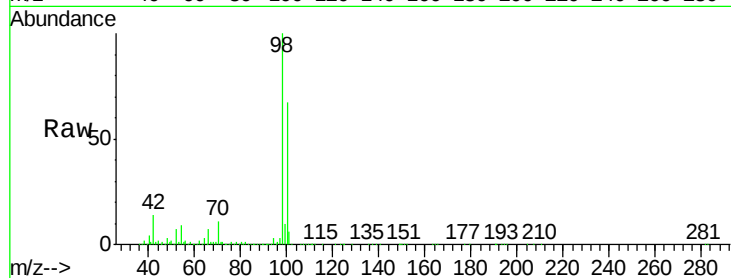
SB-02

Tot Ion: 98 Resp: 579727

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 49.820 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

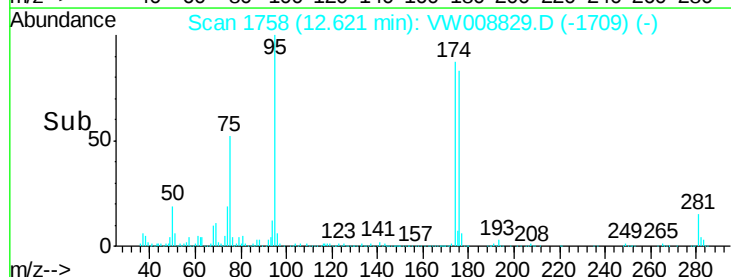
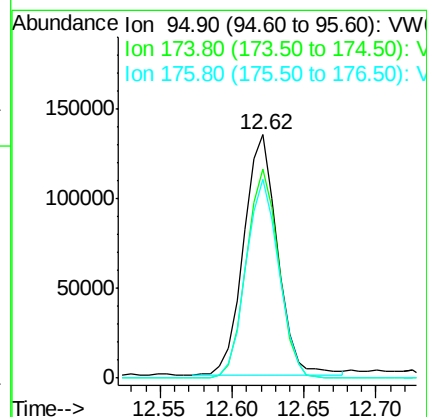
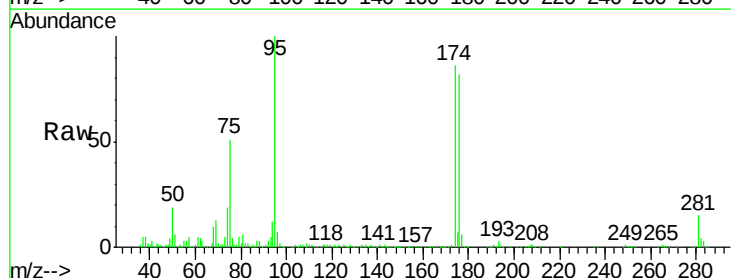
Tgt Ion: 95 Resp: 217257

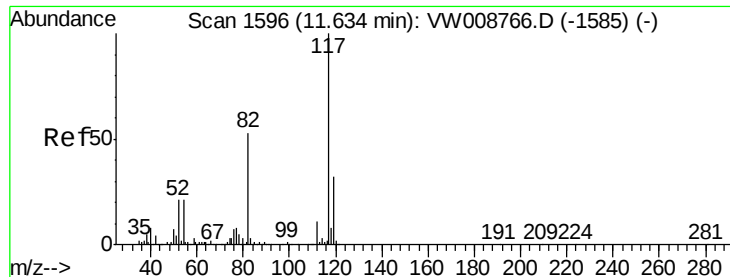
Ion Ratio Lower Upper

95 100

174 83.6 0.0 169.2

176 80.8 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

SB-02

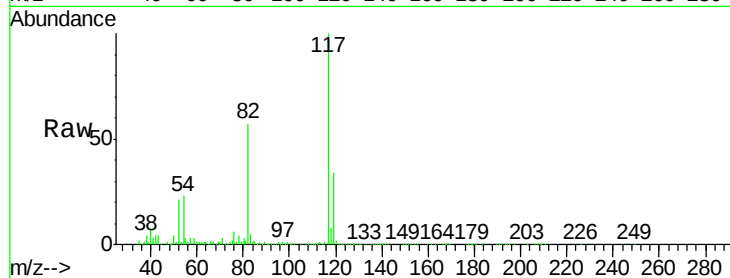
Tot Ion:117 Resp: 439977

Ion Ratio Lower Upper

117 100

82 56.4 42.2 63.4

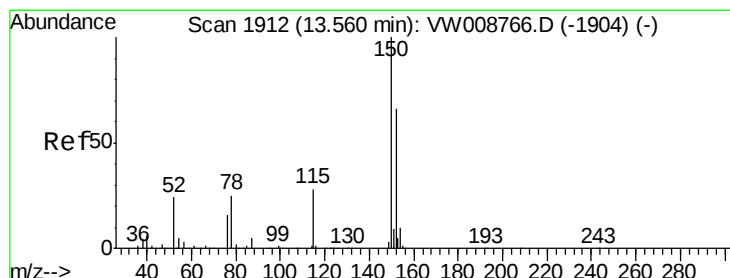
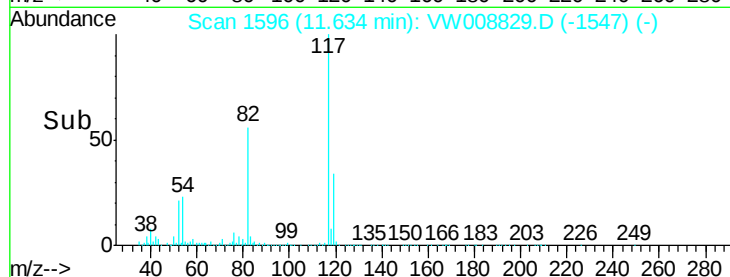
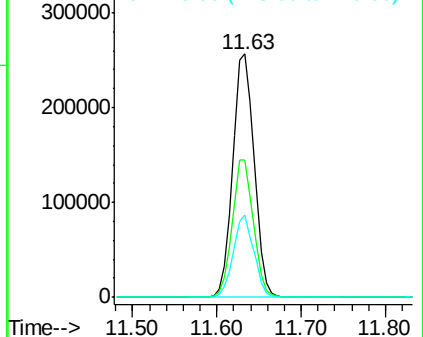
119 34.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

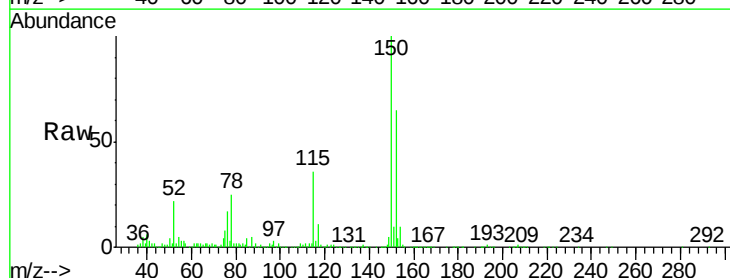
Tgt Ion:152 Resp: 217759

Ion Ratio Lower Upper

152 100

115 57.0 28.6 85.8

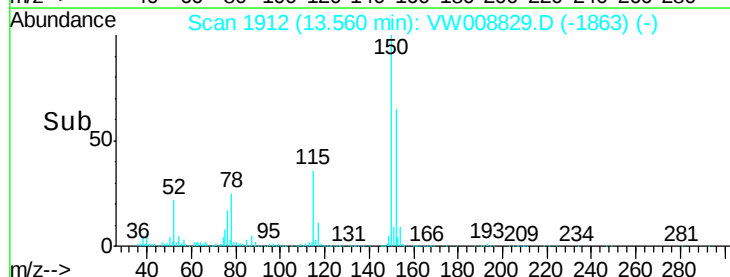
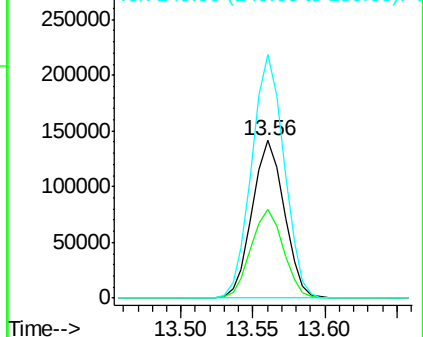
150 155.9 0.0 348.0

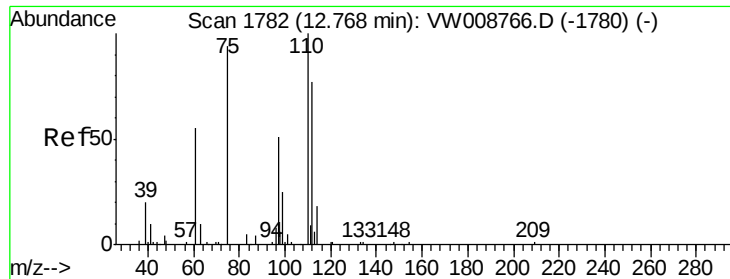


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 61.168 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

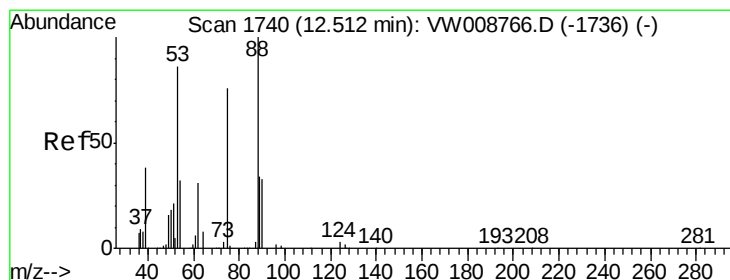
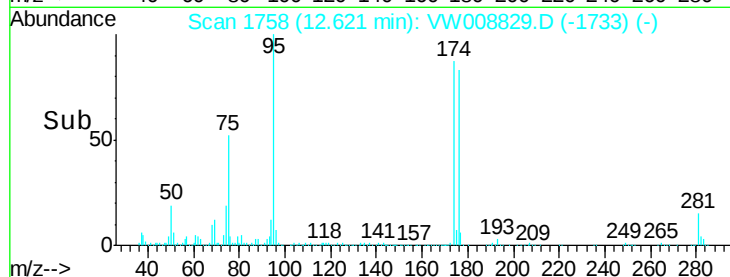
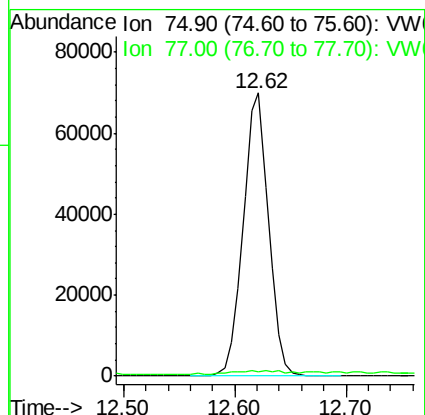
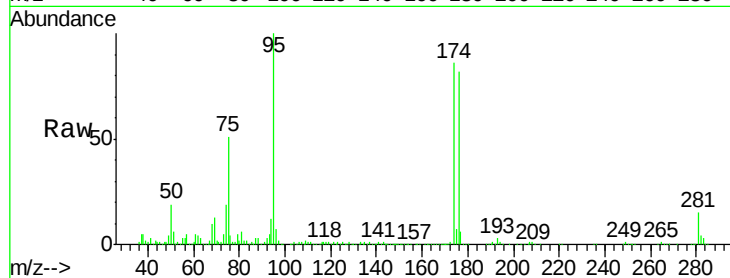
SB-02

Tot Ion: 75 Resp: 109974

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 148.705 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008829.D

Acq: 26 Feb 2019 14:37

Tgt Ion: 75 Resp: 109974

Ion Ratio Lower Upper

75 100

53 0.6 88.2 132.2#

89 0.5 39.5 59.3#

