

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008830.D
 Acq On : 26 Feb 2019 15:04
 Operator : SY/VA
 Sample : K1620-05
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03

Quant Time: Feb 27 05:58:22 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	302607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202351	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	175901	61.98	ug/l	0.00
Spiked Amount			Recovery	=	123.96%	
35) Dibromofluoromethane	7.88	113	143400	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
50) Toluene-d8	10.32	98	548435	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	193765	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	

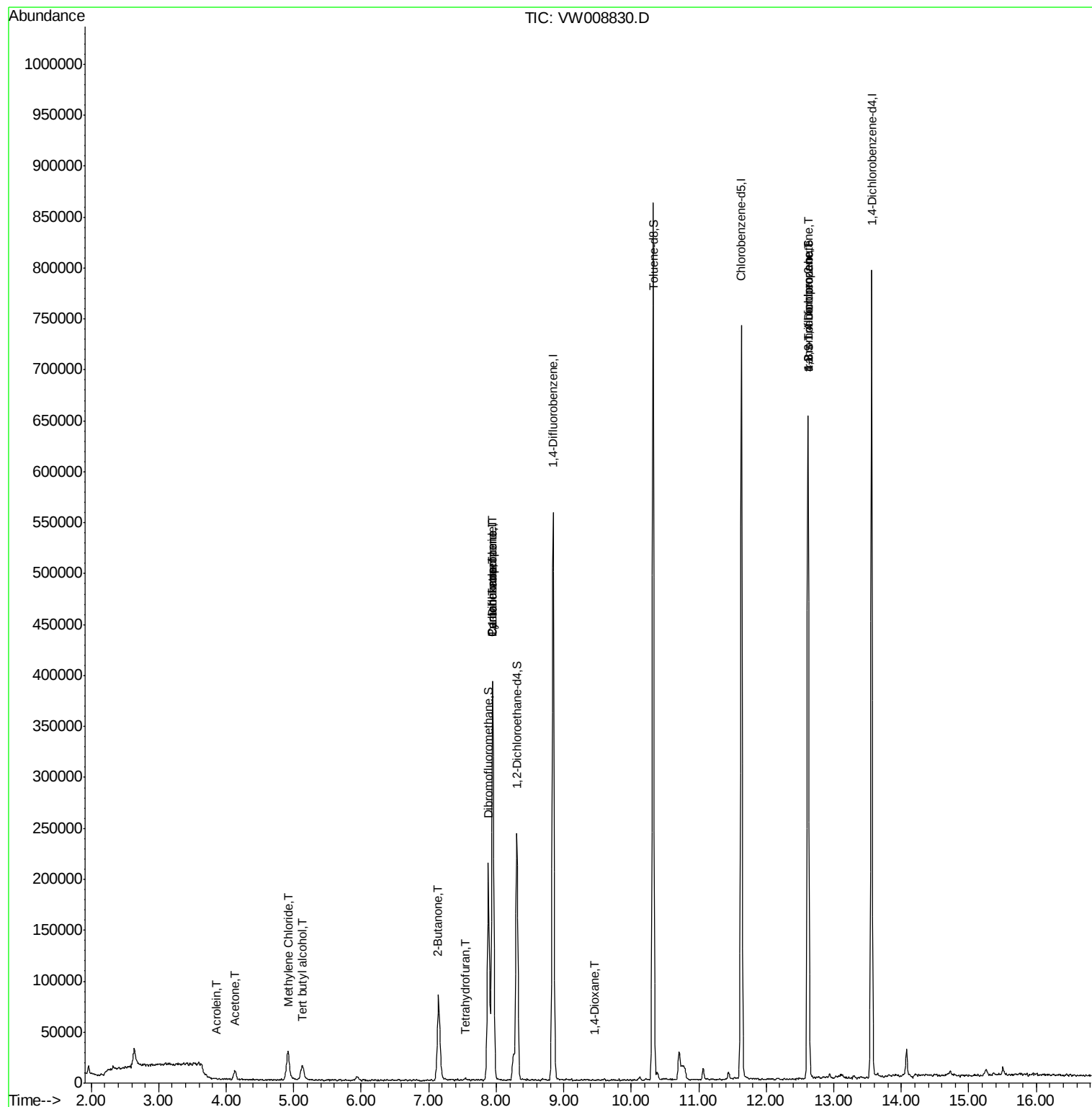
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	12964	51.307	ug/l #	75
13) Acrolein	3.87	56	153	20.309	ug/l	97
16) Acetone	4.12	43	16594	25.224	ug/l #	87
20) Methylene Chloride	4.92	84	20964	1.514	ug/l	94
25) 2-Butanone	7.13	43	6043	6.570	ug/l #	64
29) Tetrahydrofuran	7.53	42	996	1.699	ug/l #	72
31) Cyclohexane	7.95	56	6822	1.275	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	22291	4.960	ug/l #	50
38) Carbon Tetrachloride	7.95	117	28231	5.956	ug/l #	15
49) 1,4-Dioxane	9.46	88	48	1.777	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	100778	60.322	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	100778	146.647	ug/l #	6

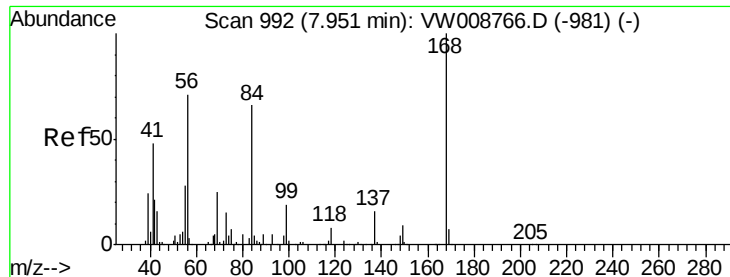
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
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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: VW008830.D

Acq: 26 Feb 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

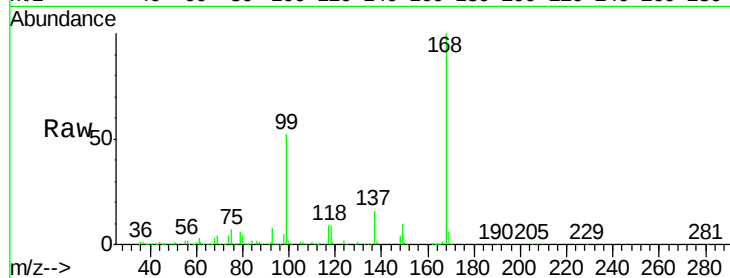
SB-03

Tot Ion:168 Resp: 302607

Ion Ratio Lower Upper

168 100

99 52.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

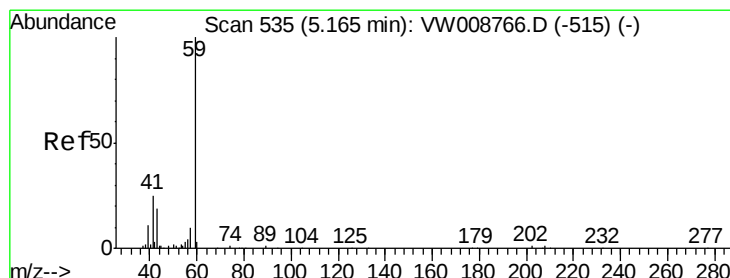
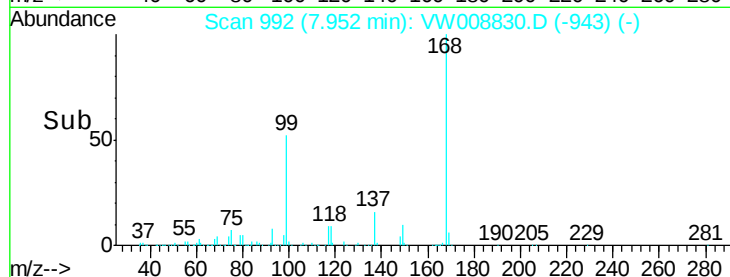
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 51.307 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.04 min

Lab File: VW008830.D

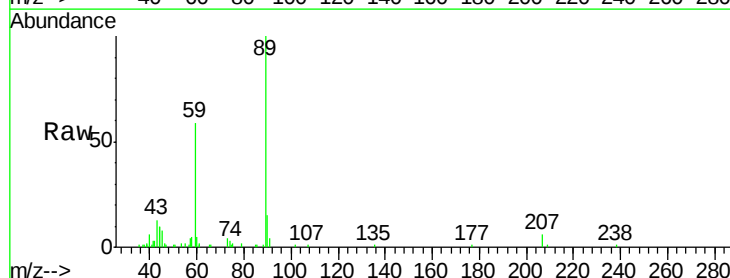
Acq: 26 Feb 2019 15:04

Tgt Ion: 59 Resp: 12964

Ion Ratio Lower Upper

59 100

57 1.9 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

4000

3000

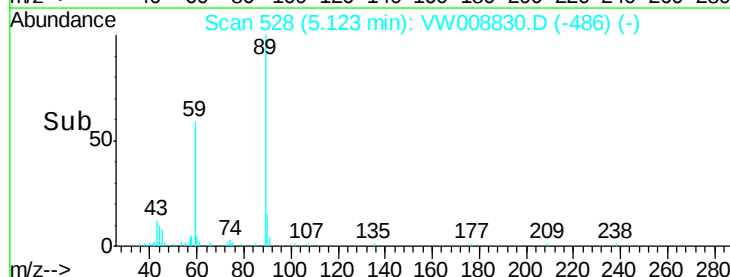
2000

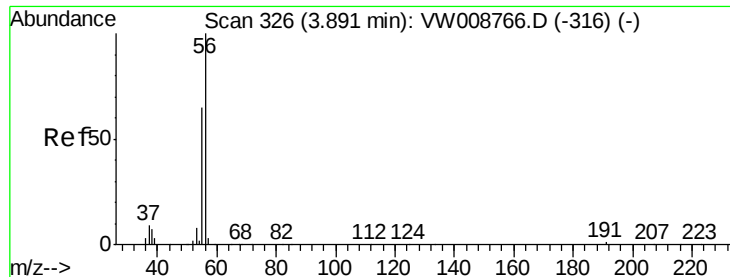
1000

0

5.00 5.10 5.20

Time-->





#13

Acrolein

Concen: 20.309 ug/l

RT: 3.87 min Scan# 322

Delta R.T. -0.02 min

Lab File: VW008830.D

Acq: 26 Feb 2019 15:04

Instrument :

MSVOA_W

ClientSampled :

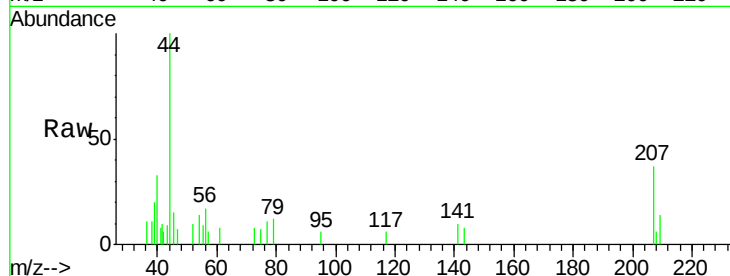
SB-03

Tot Ion: 56 Resp: 153

Ion Ratio Lower Upper

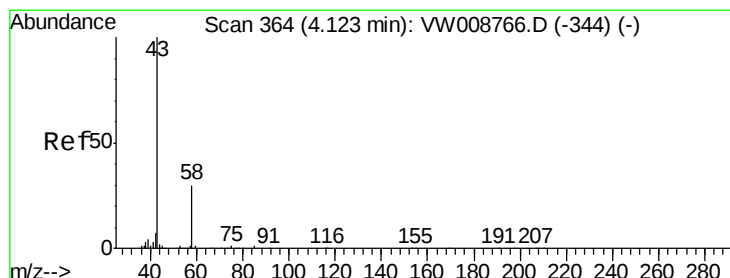
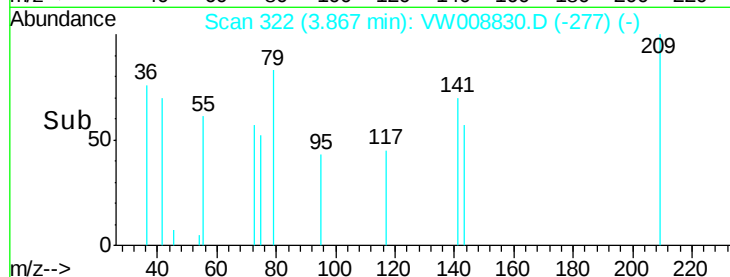
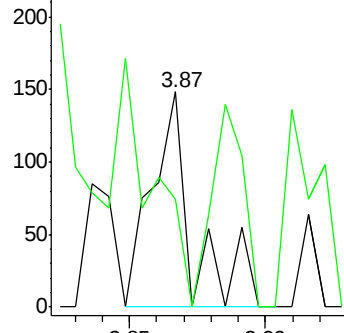
56 100

55 73.9 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: 25.224 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008830.D

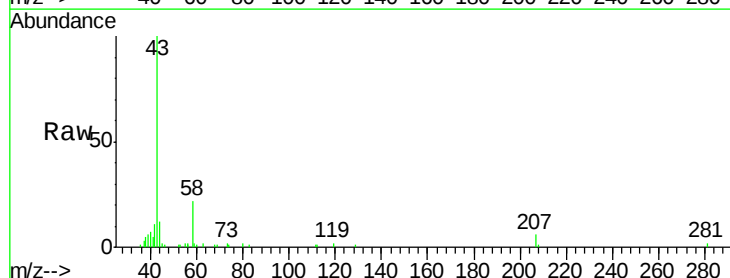
Acq: 26 Feb 2019 15:04

Tgt Ion: 43 Resp: 16594

Ion Ratio Lower Upper

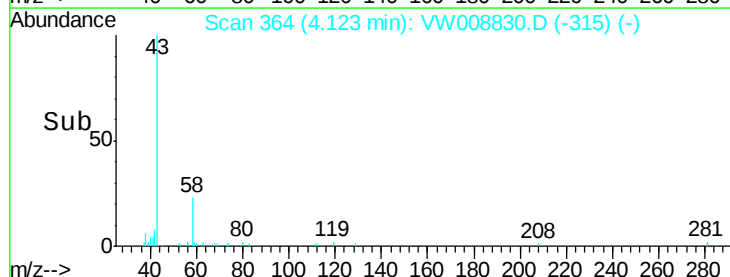
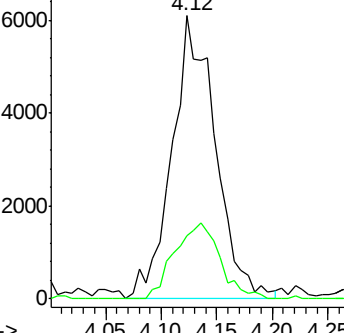
43 100

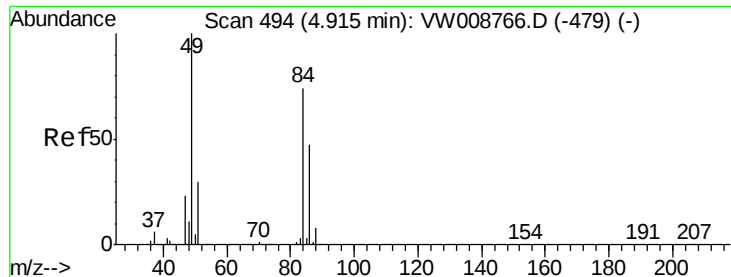
58 22.4 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

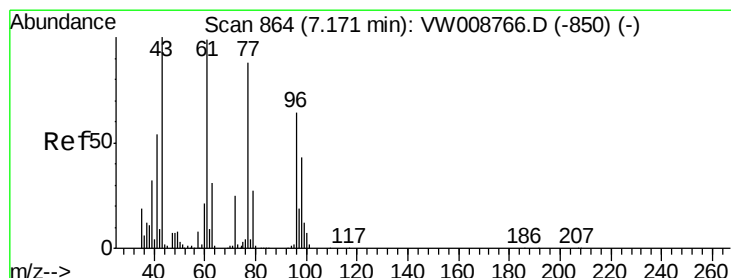
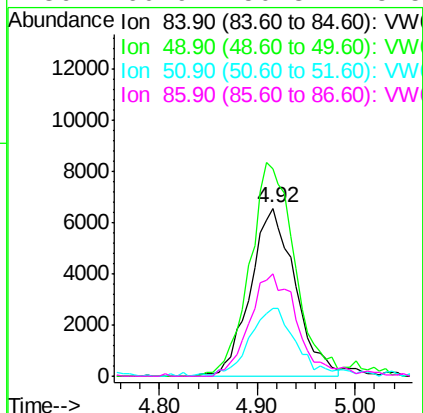
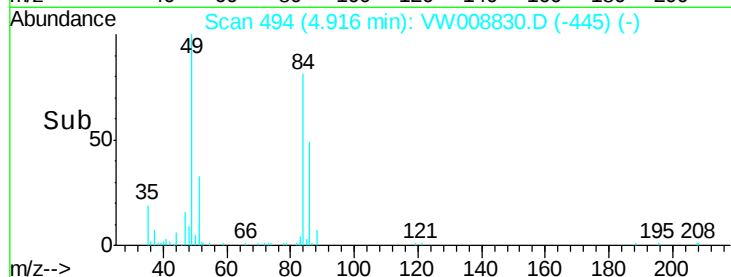
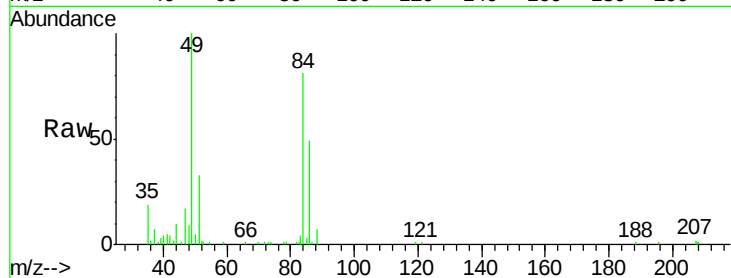




#20
Methvlene Chloride
Concen: 1.514 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008830.D
Acq: 26 Feb 2019 15:04

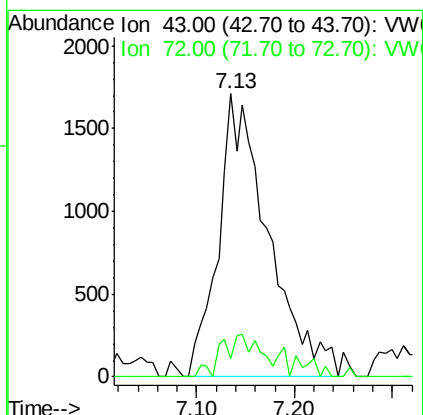
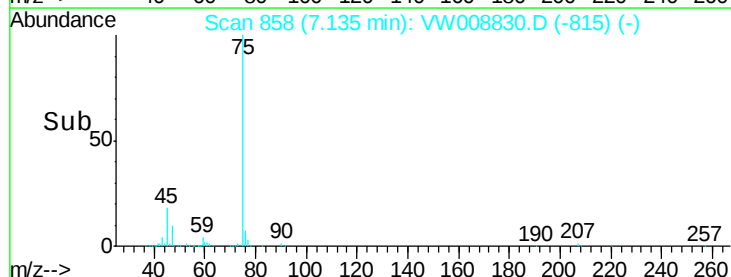
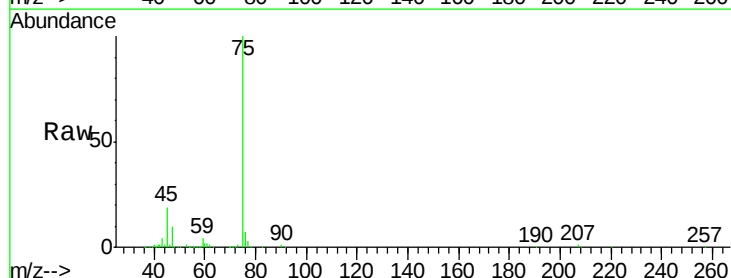
Instrument :
MSVOA_W
ClientSampled :
SB-03

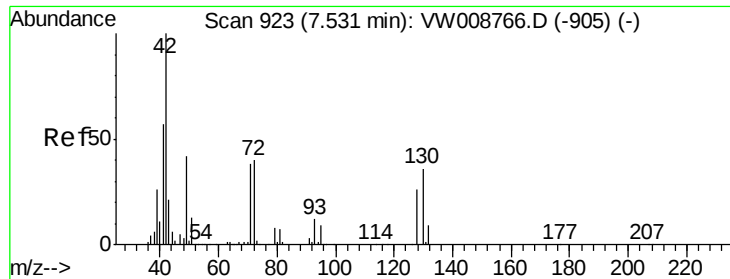
Tot Ion:	84	Resp:	20964
Ion	Ratio	Lower	Upper
84	100		
49	123.3	108.2	162.2
51	40.2	32.7	49.1
86	60.9	50.3	75.5



#25
2-Butanone
Concen: 6.570 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW008830.D
Acq: 26 Feb 2019 15:04

Tgt Ion:	43	Resp:	6043
Ion	Ratio	Lower	Upper
43	100		
72	6.6	19.7	29.5#

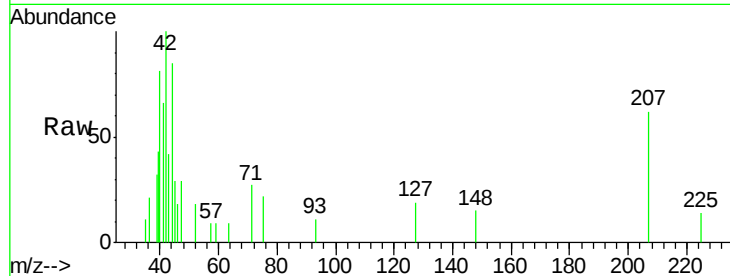




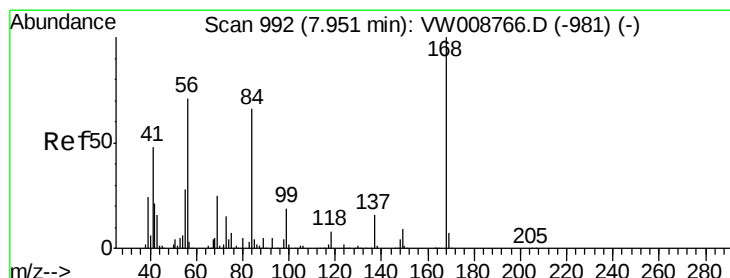
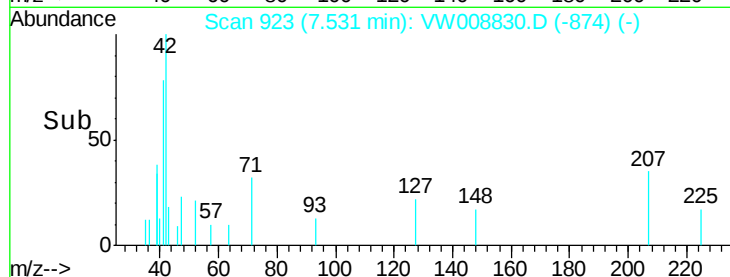
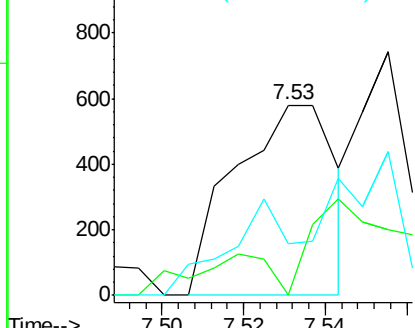
#29
Tetrahydrofuran
Concen: 1.699 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008830.D
Acq: 26 Feb 2019 15:04

Instrument :
MSVOA_W
ClientSampleID :
SB-03

Tot Ion: 42 Resp: 996
Ion Ratio Lower Upper
42 100
72 16.5 32.7 49.1#
71 29.7 31.3 46.9#

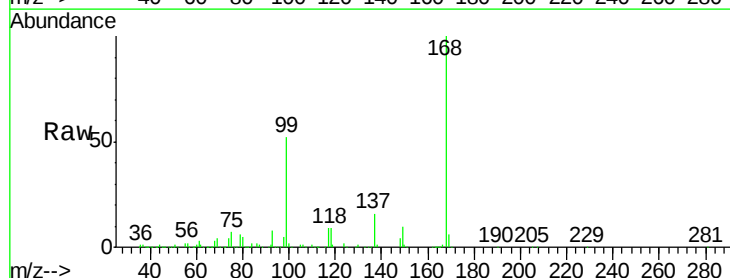


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

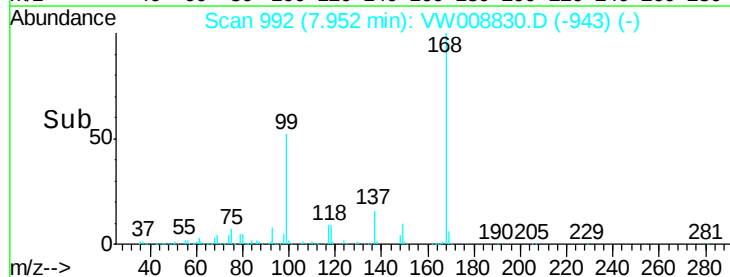
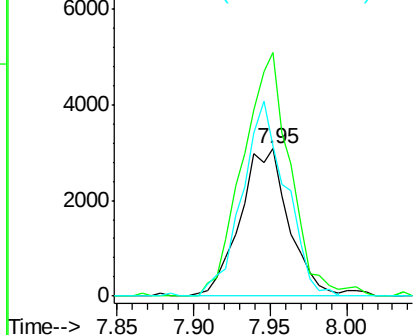


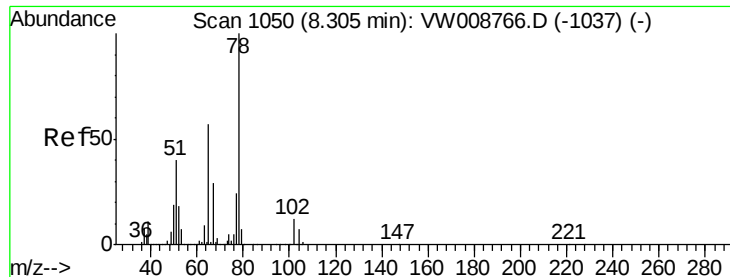
#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008830.D
Acq: 26 Feb 2019 15:04

Tgt Ion: 56 Resp: 6822
Ion Ratio Lower Upper
56 100
69 165.6 28.2 42.4#
84 102.0 74.1 111.1



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: 61.977 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008830.D

Acq: 26 Feb 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

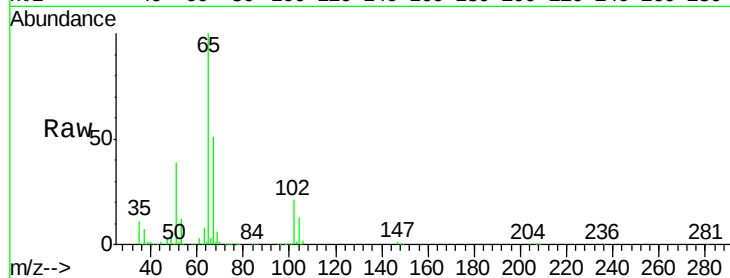
SB-03

Tot Ion: 65 Resp: 175901

Ion Ratio Lower Upper

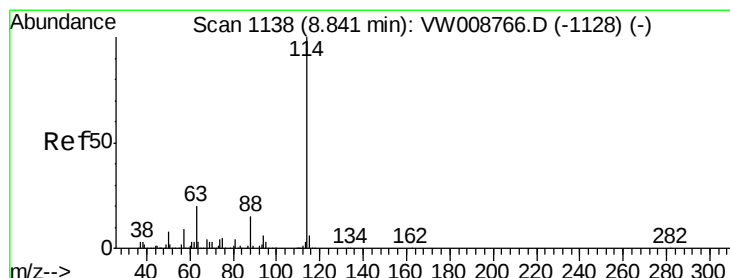
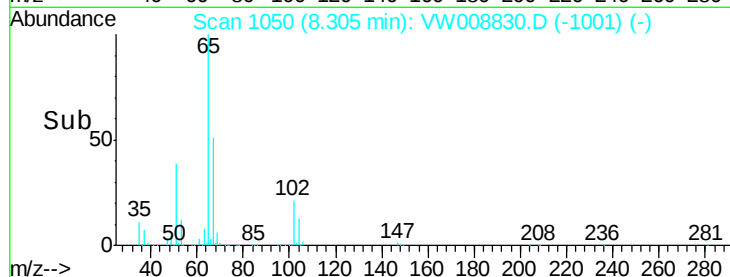
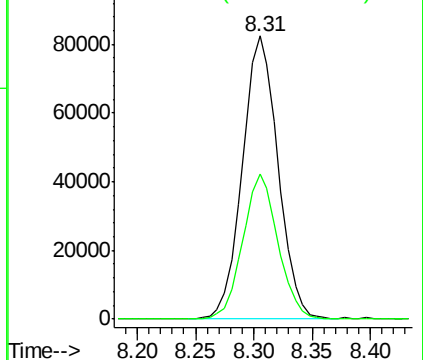
65 100

67 50.5 0.0 101.4



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: VW008830.D

Acq: 26 Feb 2019 15:04

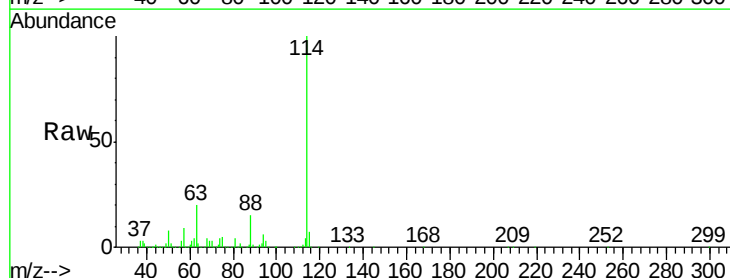
Tgt Ion: 114 Resp: 461713

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

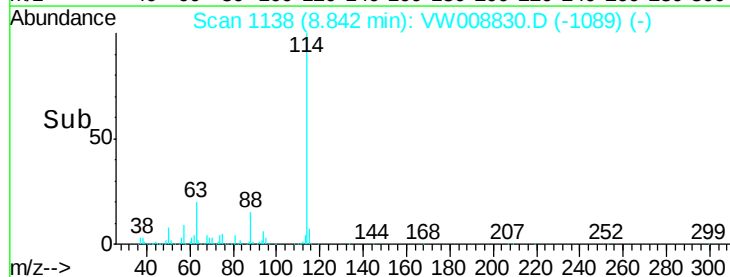
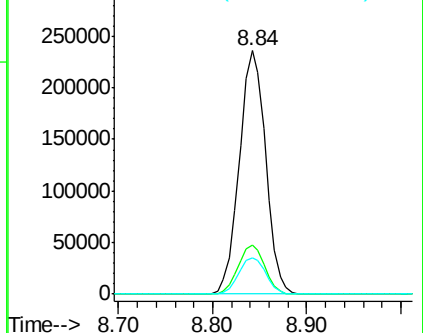
88 14.7 0.0 30.4

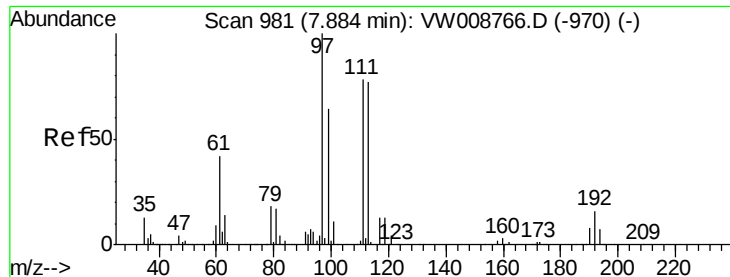


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

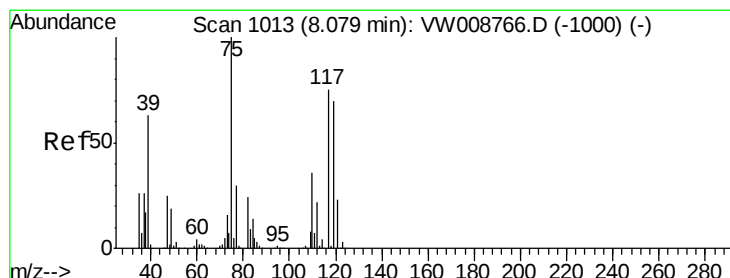
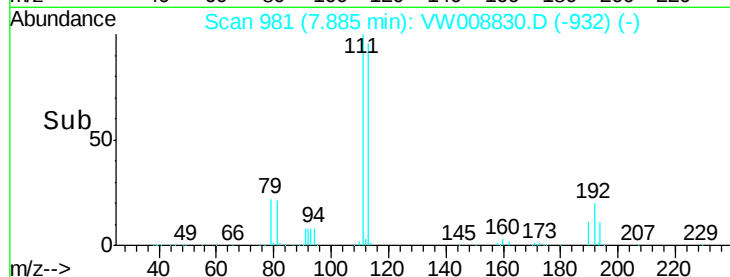
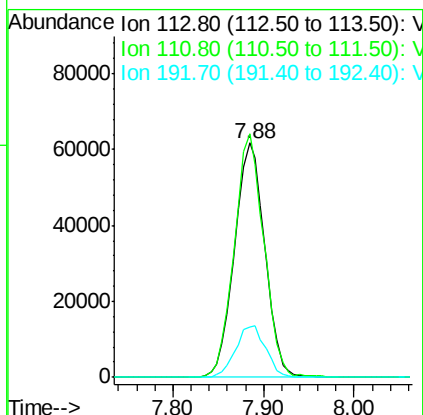
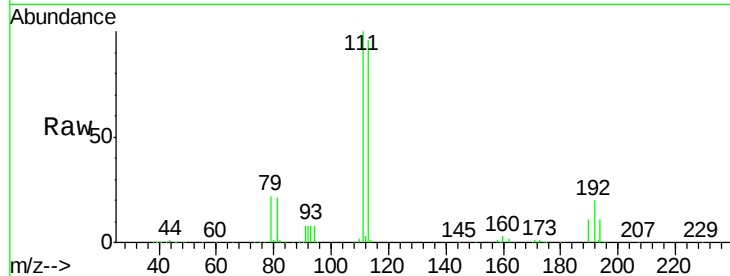




#35
 Dibromofluoromethane
 Concen: 51.728 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008830.D
 Acq: 26 Feb 2019 15:04

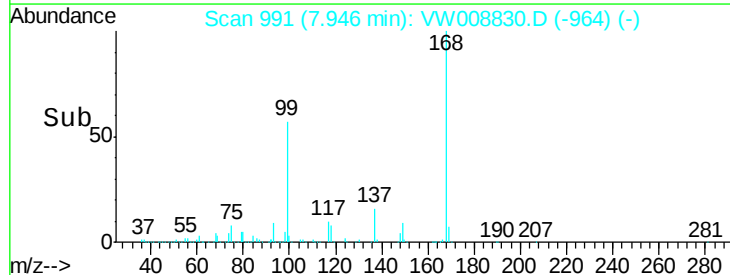
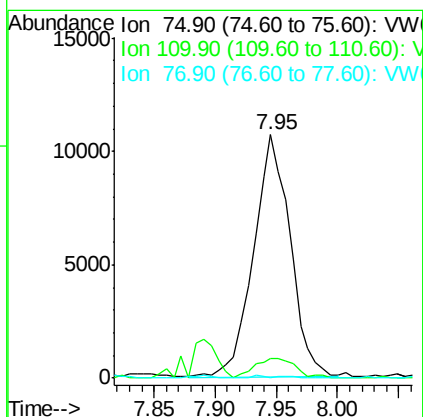
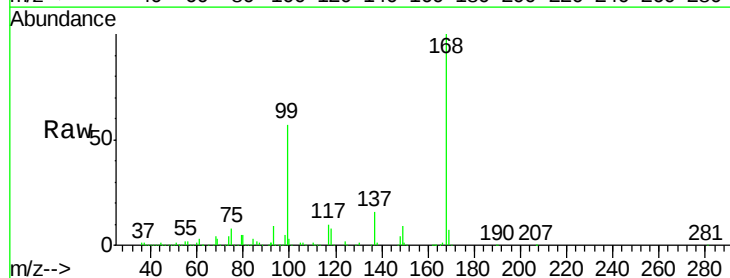
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03

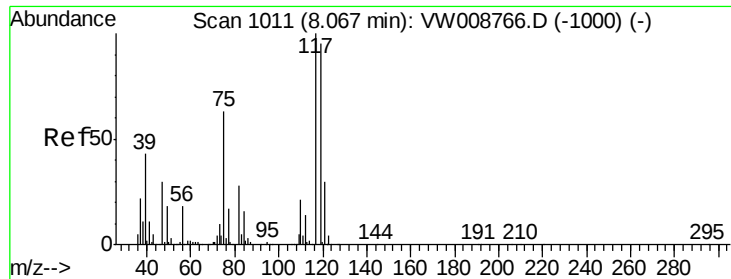
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	21.8	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 4.960 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008830.D
 Acq: 26 Feb 2019 15:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.6#
77	0.3	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 5.956 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008830.D

Acq: 26 Feb 2019 15:04

Instrument :

MSVOA_W

ClientSampled :

SB-03

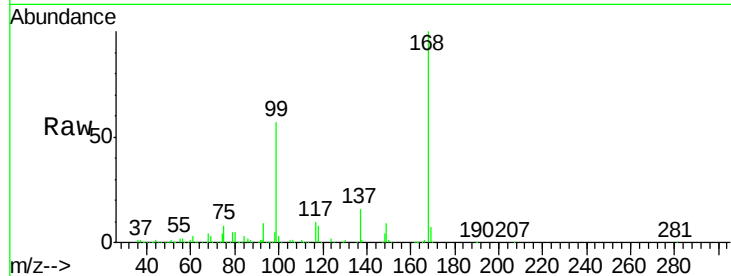
Tot Ion:117 Resp: 28231

Ion Ratio Lower Upper

117 100

119 3.9 76.1 114.1#

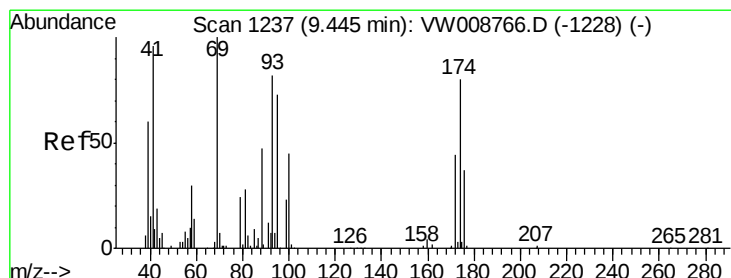
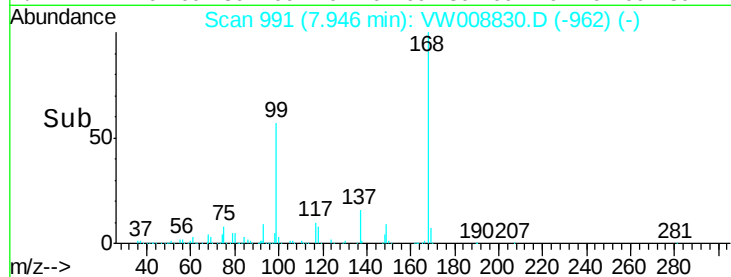
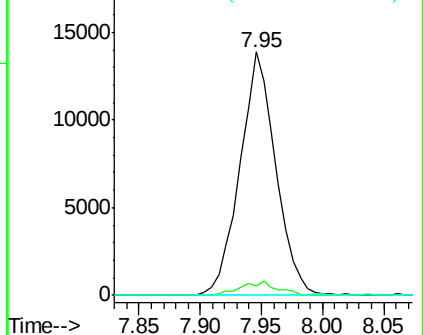
121 0.0 24.0 36.0#



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: 1.777 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW008830.D

Acq: 26 Feb 2019 15:04

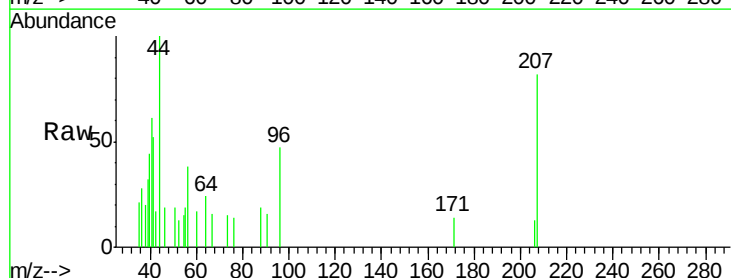
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

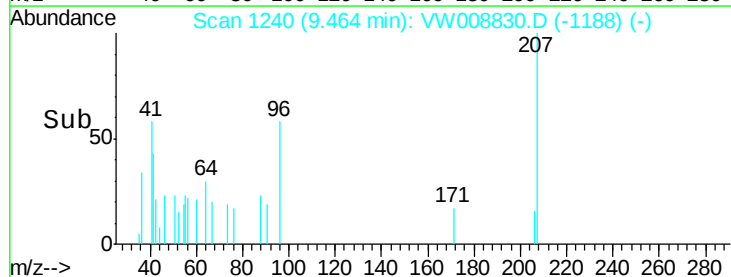
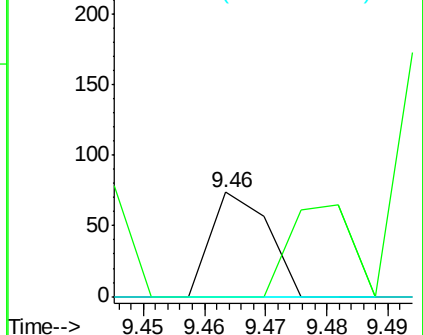
58 0.0 52.0 78.0#

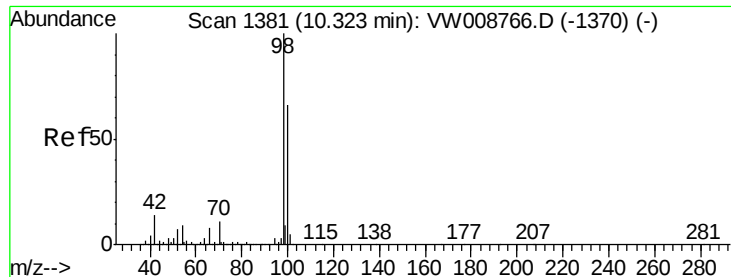


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.249 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008830.D

Acq: 26 Feb 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

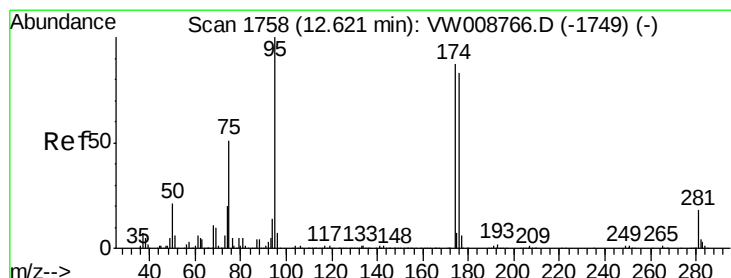
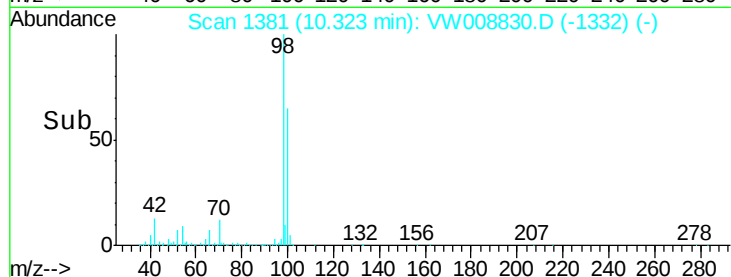
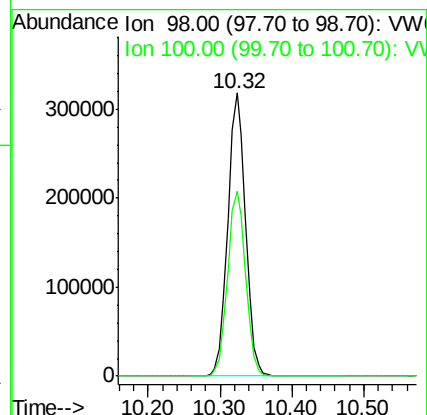
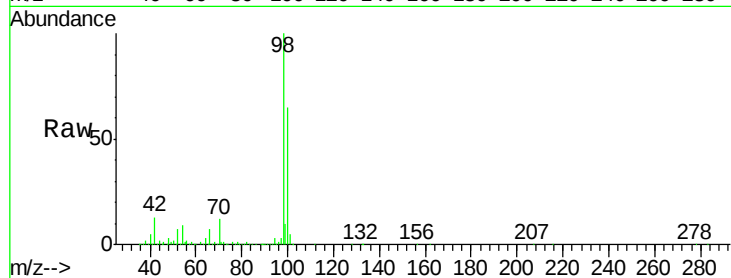
SB-03

Tot Ion: 98 Resp: 548435

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.244 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008830.D

Acq: 26 Feb 2019 15:04

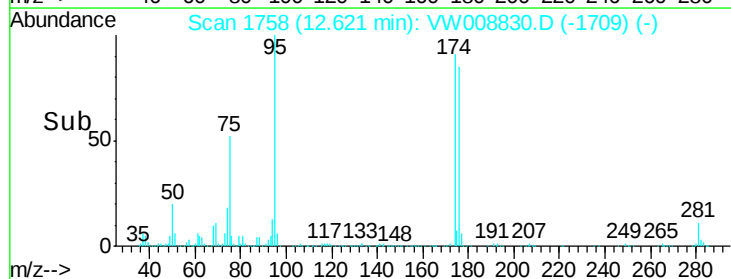
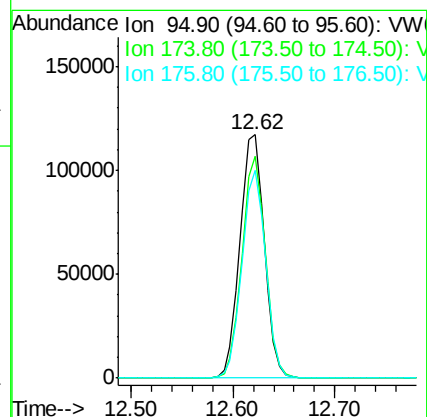
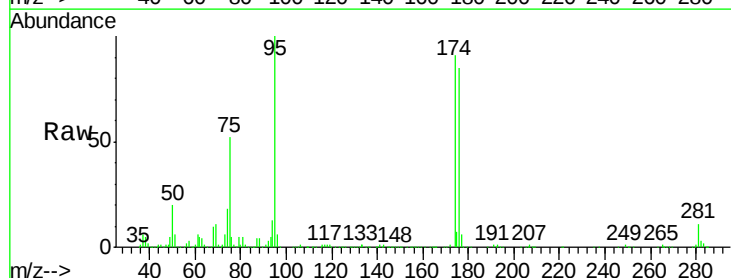
Tgt Ion: 95 Resp: 193765

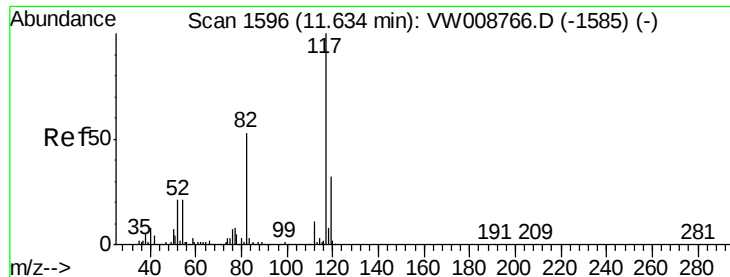
Ion Ratio Lower Upper

95 100

174 87.2 0.0 169.2

176 82.9 0.0 163.6

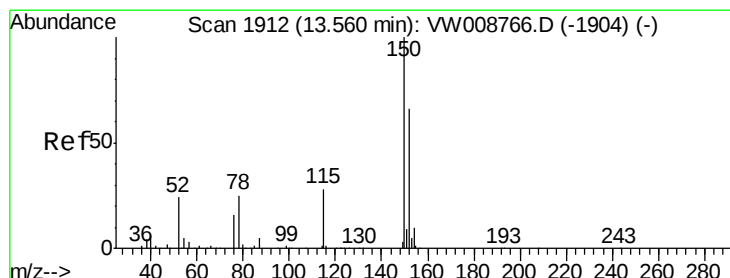
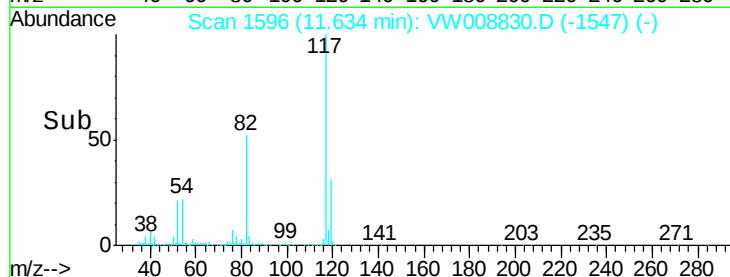
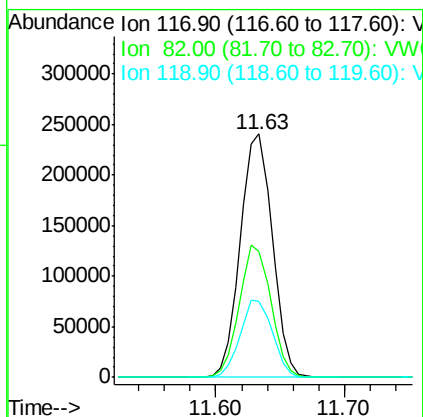
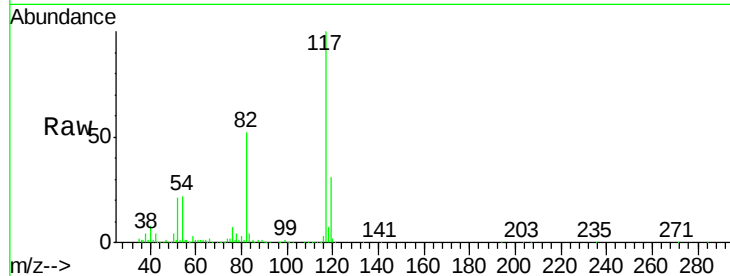




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008830.D
Acq: 26 Feb 2019 15:04

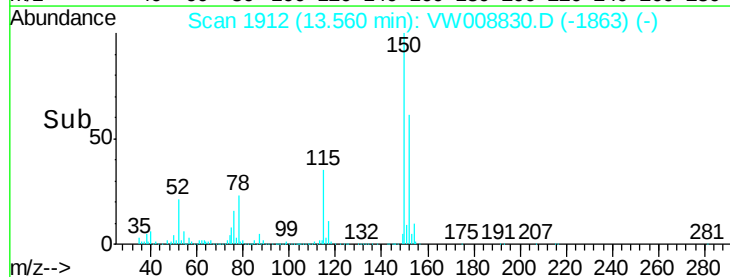
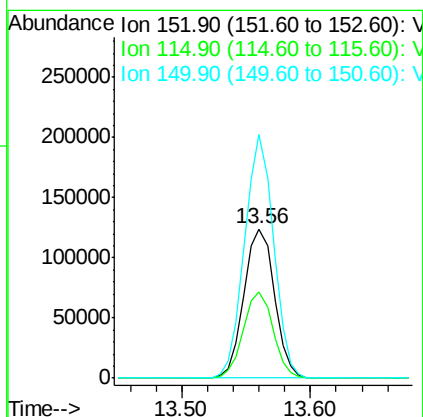
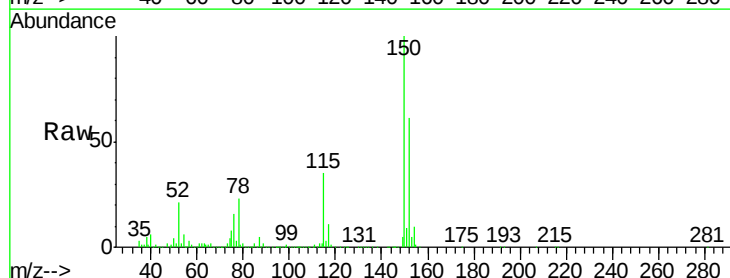
Instrument :
MSVOA_W
ClientSampled :
SB-03

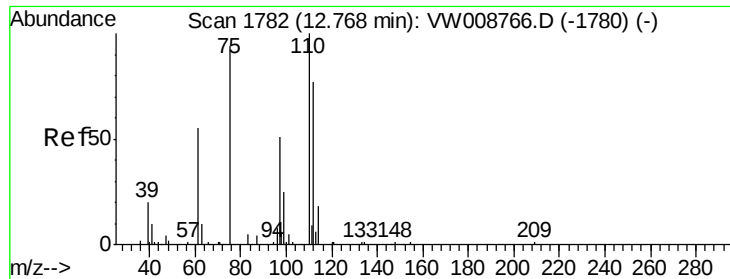
Tot Ion:117 Resp: 415021
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008830.D
Acq: 26 Feb 2019 15:04

Tgt Ion:152 Resp: 202351
Ion Ratio Lower Upper
152 100
115 56.6 28.6 85.8
150 155.7 0.0 348.0

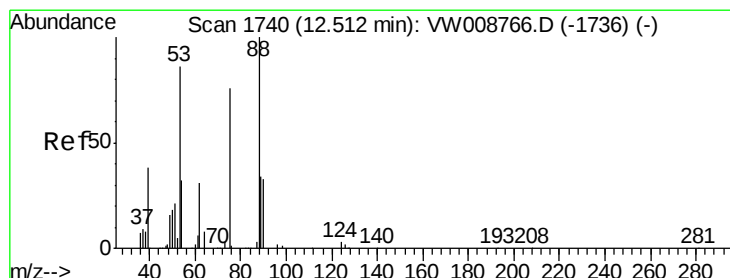
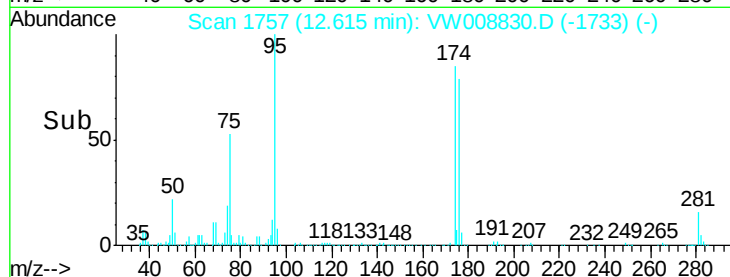
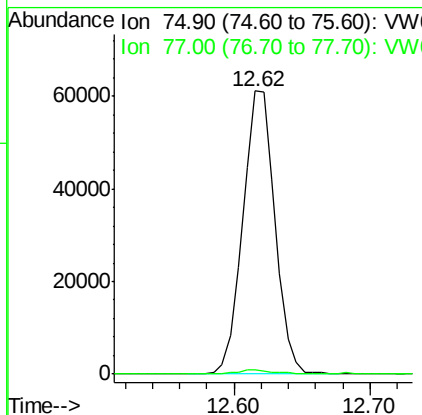
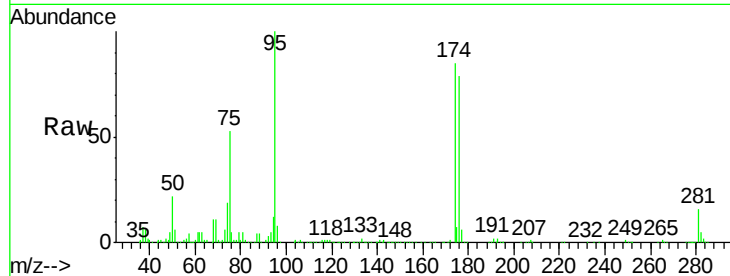




#76
 1,2,3-Trichloropropane
 Concen: 60.322 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW008830.D
 Acq: 26 Feb 2019 15:04

Instrument :
 MSVOA_W
 ClientSampled :
 SB-03

Tot Ion: 75 Resp: 100778
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.647 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW008830.D
 Acq: 26 Feb 2019 15:04

Tgt Ion: 75 Resp: 100778
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.2 132.2#
 89 0.2 39.5 59.3#

