

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009268.D
 Acq On : 20 Mar 2019 05:33
 Operator : SY/VA
 Sample : K1984-05
 Misc : 4.50G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13(10-11)

Quant Time: Mar 20 08:23:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	192869	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	163625	58.94	ug/l	0.00
Spiked Amount			Recovery	=	117.88%	
35) Dibromofluoromethane	7.88	113	140543	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
50) Toluene-d8	10.32	98	553016	55.65	ug/l	0.00
Spiked Amount			Recovery	=	111.30%	
62) 4-Bromofluorobenzene	12.62	95	198399	54.38	ug/l	0.00
Spiked Amount			Recovery	=	108.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	153	Below Cal	#	41
11) Tert butyl alcohol	5.18	59	793	4.920	ug/l #	70
16) Acetone	4.12	43	32092	56.344	ug/l	97
17) Carbon Disulfide	4.38	76	8557	1.232	ug/l #	91
20) Methylene Chloride	4.92	84	5064	Below Cal	#	83
25) 2-Butanone	7.18	43	9384	11.498	ug/l	95
31) Cyclohexane	7.95	56	37769	8.292	ug/l #	88
36) 1,1-Dichloropropene	7.95	75	21550	5.024	ug/l #	55
37) Ethyl Acetate	7.18	43	9384	4.794	ug/l #	72
38) Carbon Tetrachloride	7.94	117	26181	5.768	ug/l #	17
39) Methylcyclohexane	9.34	83	112846	22.739	ug/l	96
43) Isopropyl Acetate	8.41	43	15282	3.899	ug/l #	54
48) Methyl methacrylate	9.38	41	19297	10.634	ug/l #	34
51) 4-Methyl-2-Pentanone	10.24	43	2954	1.446	ug/l #	84
55) 1,1,2-Trichloroethane	10.76	97	68327	31.033	ug/l #	22
56) Ethyl methacrylate	10.66	69	15187	5.793	ug/l #	1
59) 2-Hexanone	10.93	43	56813	40.970	ug/l #	34
61) 1,2-Dibromoethane	11.21	107	4350	2.074	ug/l #	1
68) m/p-Xylenes	11.83	106	8240	1.542	ug/l #	1
73) Isopropylbenzene	12.46	105	157912	12.250	ug/l	100
74) N-amyl acetate	12.26	43	34880	10.373	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.71	83	3240	1.344	ug/l #	93
76) 1,2,3-Trichloropropane	12.62	75	107631	59.384	ug/l #	100
78) n-propylbenzene	12.82	91	90859	5.739	ug/l	77
79) 2-Chlorotoluene	12.96	91	10512	1.169	ug/l #	55
81) trans-1,4-Dichloro-2-buten	12.62	75	107631	145.713	ug/l #	7
83) tert-Butylbenzene	13.44	119	32275	3.445	ug/l	75
84) 1,2,4-Trimethylbenzene	13.25	105	11924	1.061	ug/l	86
85) sec-Butylbenzene	13.38	105	19451	1.405	ug/l #	1
86) p-Isopropyltoluene	13.66	119	723880	58.719	ug/l	96
89) n-Butylbenzene	13.83	91	25204	2.130	ug/l #	72
90) Hexachloroethane	14.09	117	39842	16.392	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2454	5.683	ug/l #	17
95) Naphthalene	15.37	128	16033	2.432	ug/l #	69

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009268.D
Acq On : 20 Mar 2019 05:33
Operator : SY/VA
Sample : K1984-05
Misc : 4.50G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

Quant Time: Mar 20 08:23:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 2019
Response via : Initial Calibration

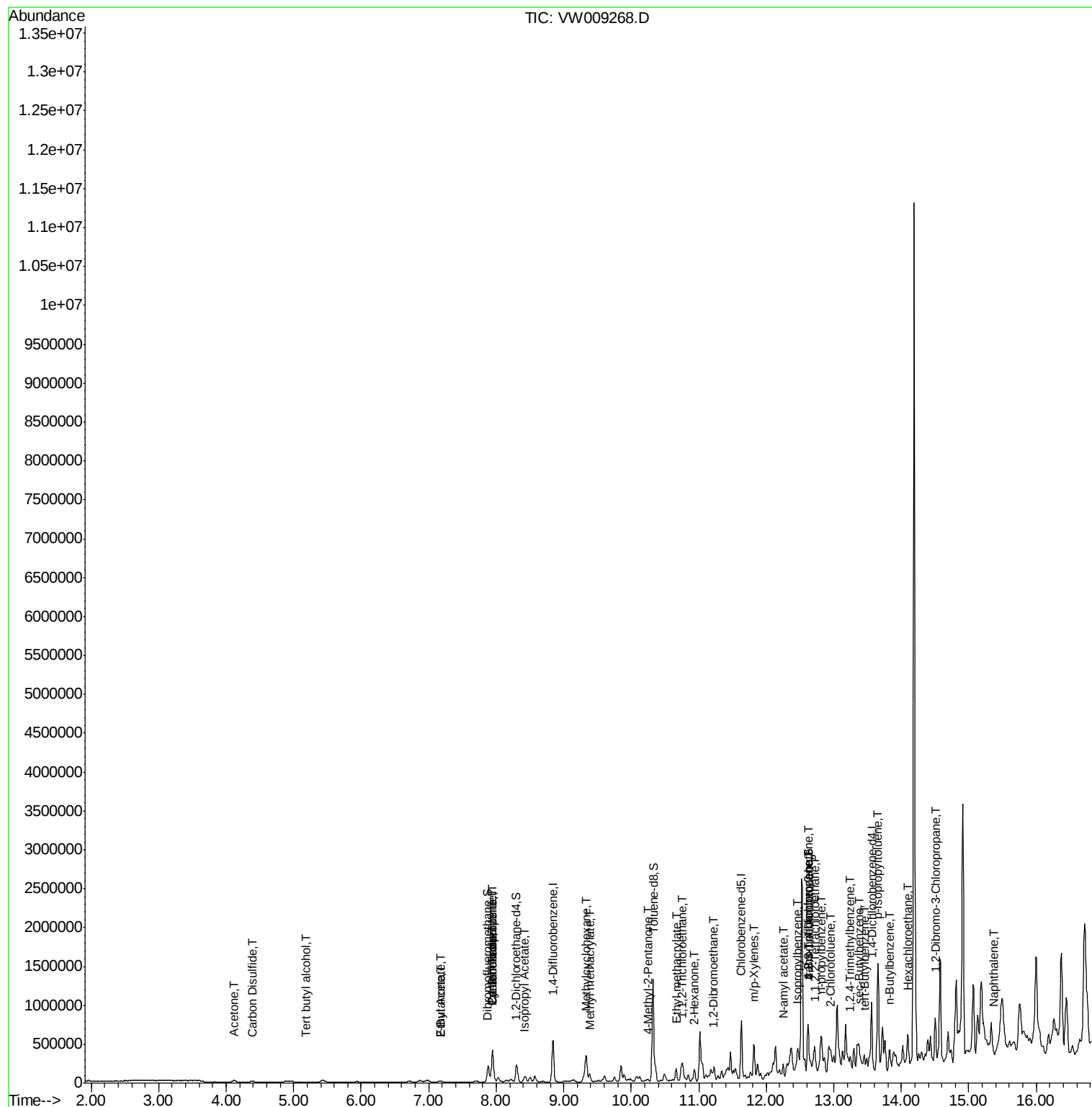
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

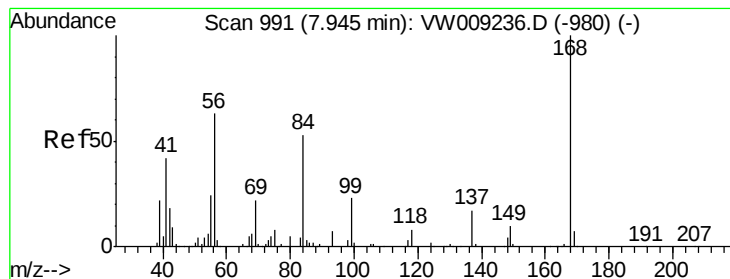
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009268.D
Acq On : 20 Mar 2019 05:33
Operator : SY/VA
Sample : K1984-05
Misc : 4.50G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

Quant Time: Mar 20 08:23:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

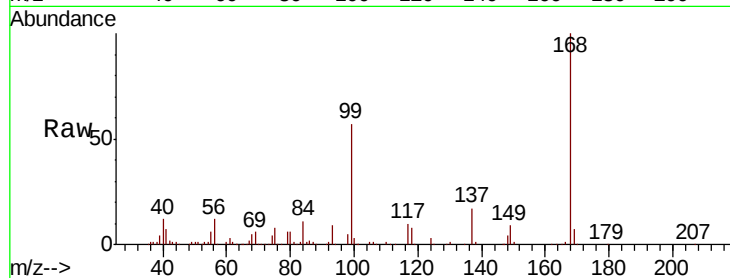
SB-13(10-11)

Tot Ion:168 Resp: 260998

Ion Ratio Lower Upper

168 100

99 56.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

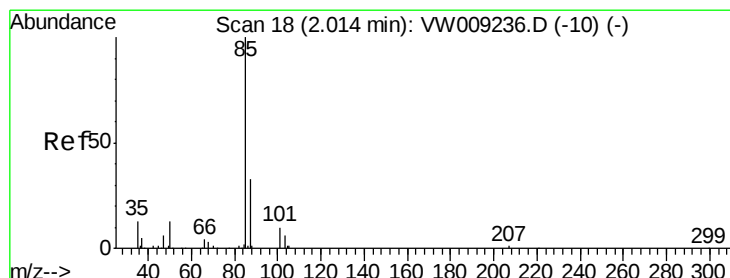
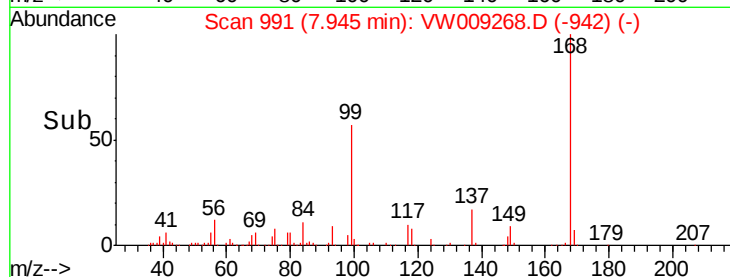
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW009268.D

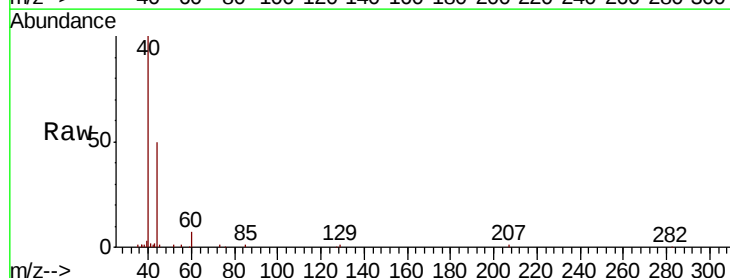
Acq: 20 Mar 2019 05:33

Tgt Ion: 85 Resp: 153

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

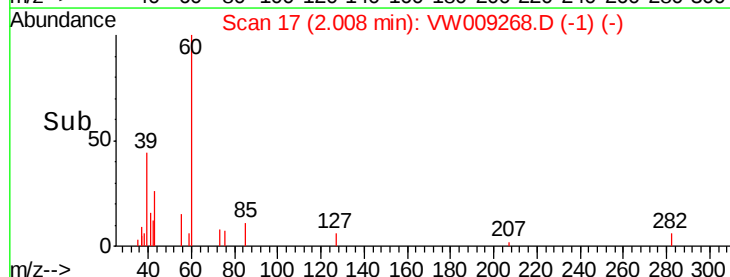
2.01

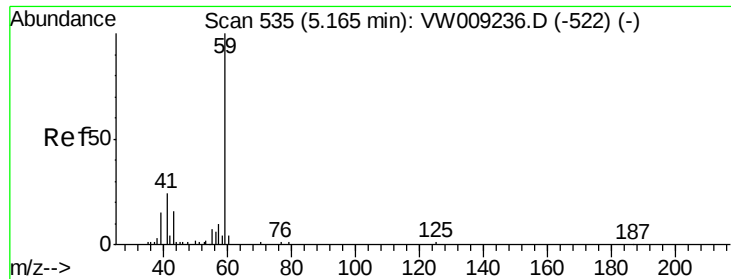
100

50

0

Time--> 1.96 1.98 2.00 2.02

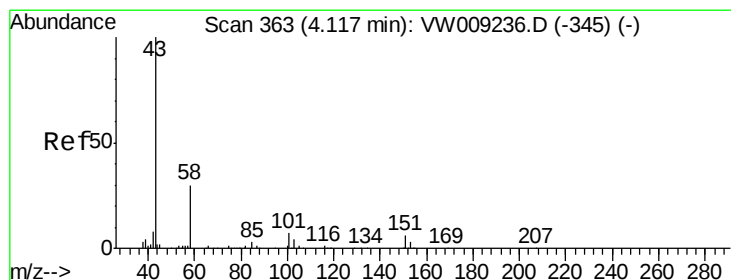
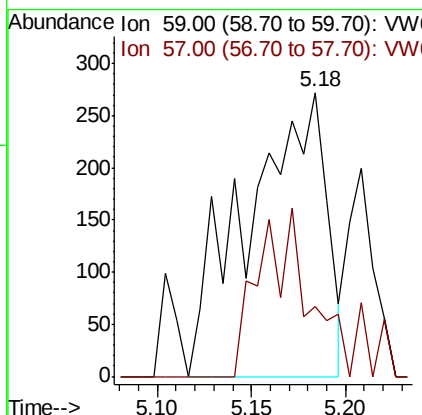
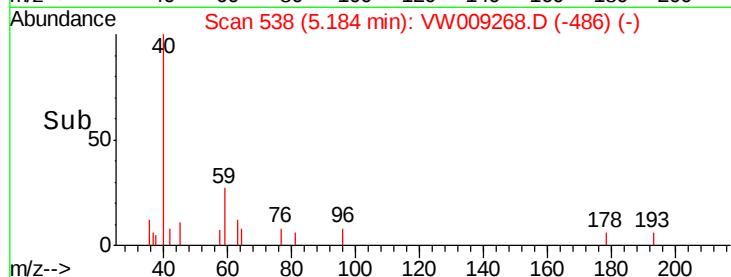
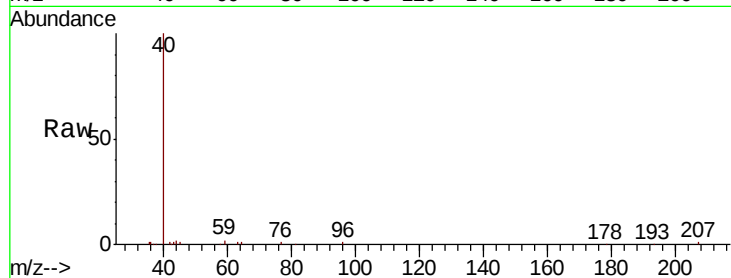




#11
Tert butyl alcohol
Concen: 4.920 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

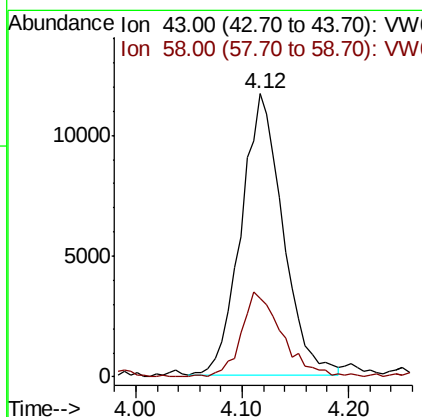
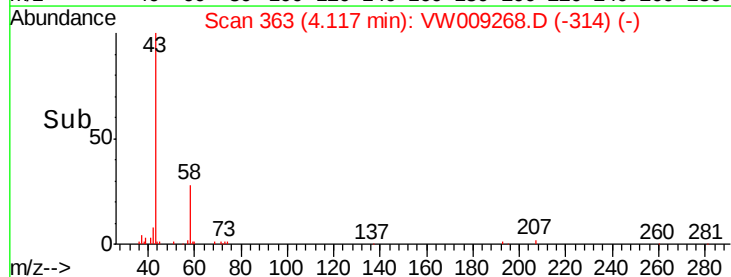
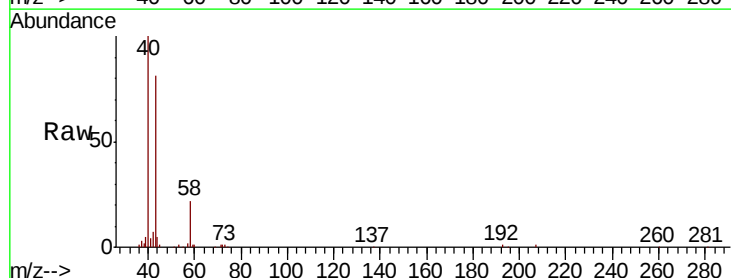
Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

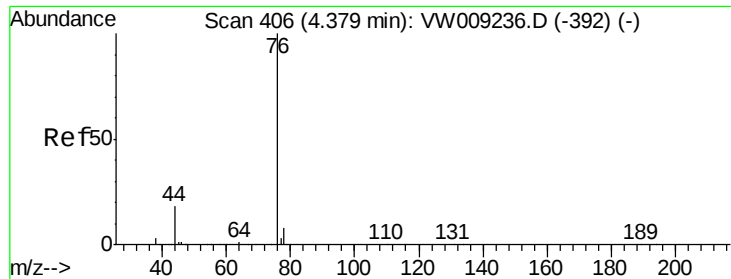
Tot Ion: 59 Resp: 793
Ion Ratio Lower Upper
59 100
57 0.0 9.4 14.0#



#16
Acetone
Concen: 56.344 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion: 43 Resp: 32092
Ion Ratio Lower Upper
43 100
58 27.8 23.6 35.4





#17

Carbon Disulfide

Concen: 1.232 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

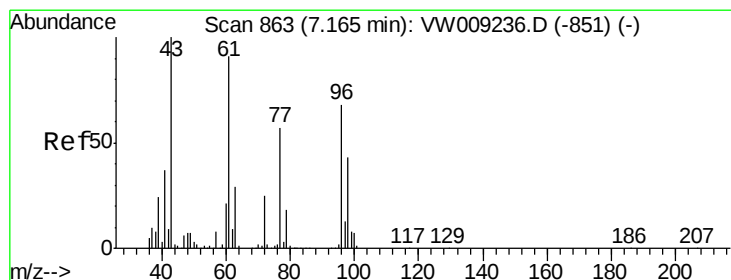
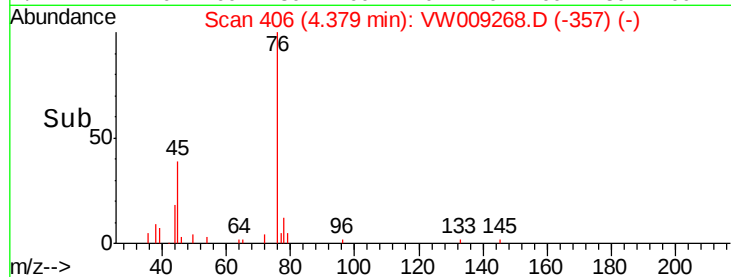
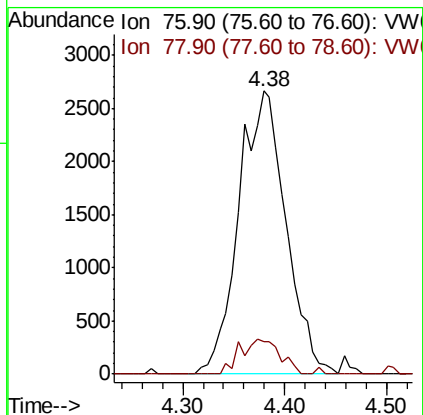
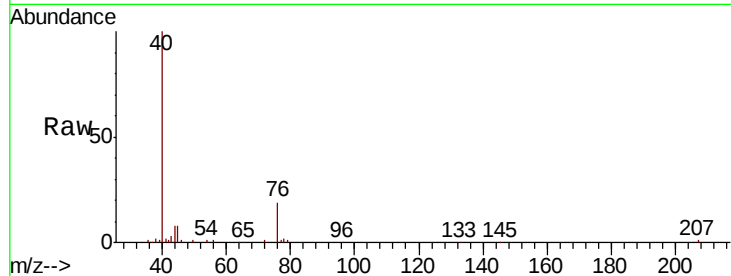
SB-13(10-11)

Tot Ion: 76 Resp: 8557

Ion Ratio Lower Upper

76 100

78 11.5 6.6 9.8#



#25

2-Butanone

Concen: 11.498 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009268.D

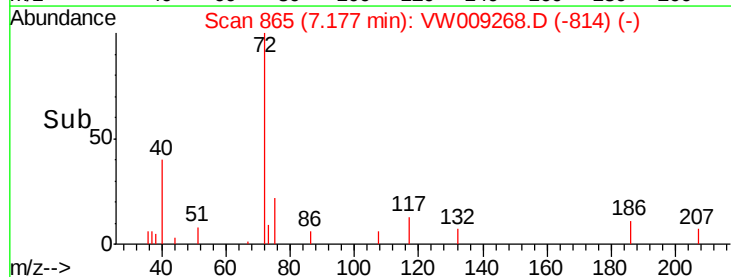
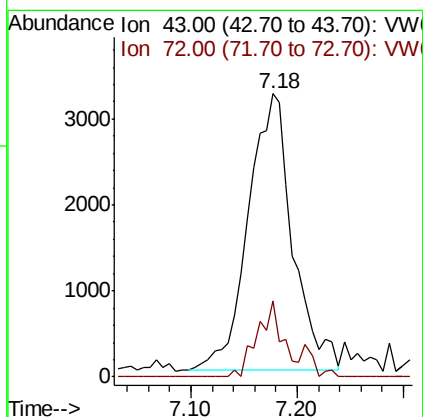
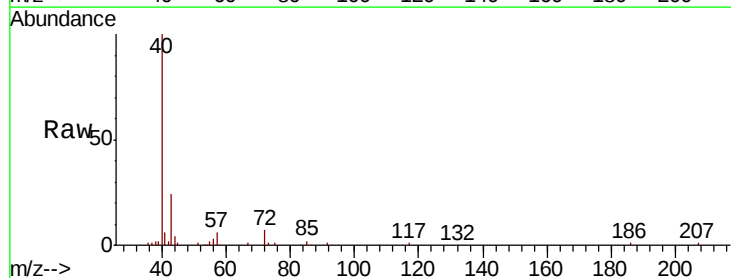
Acq: 20 Mar 2019 05:33

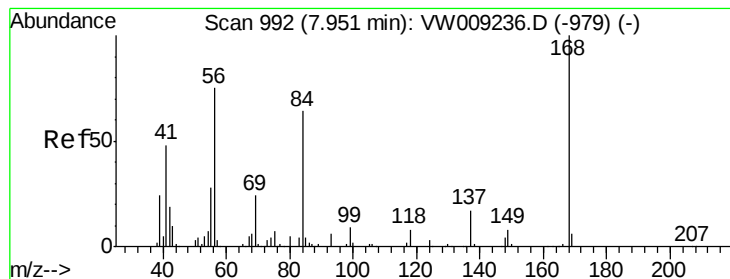
Tgt Ion: 43 Resp: 9384

Ion Ratio Lower Upper

43 100

72 27.3 20.0 30.0





#31

Cyclohexane

Concen: 8.292 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

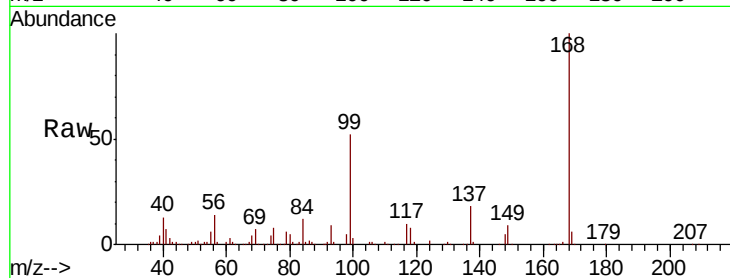
Tot Ion: 56 Resp: 37769

Ion Ratio Lower Upper

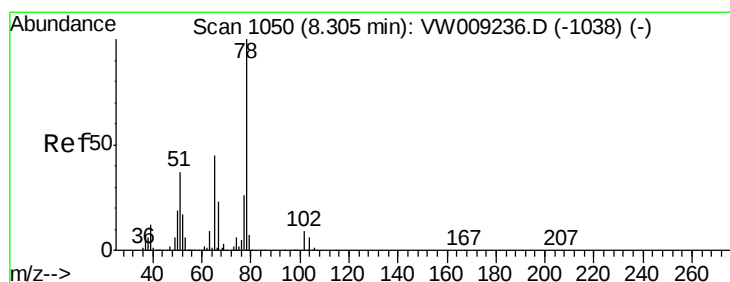
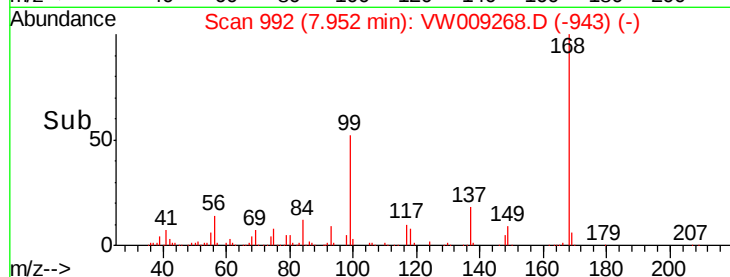
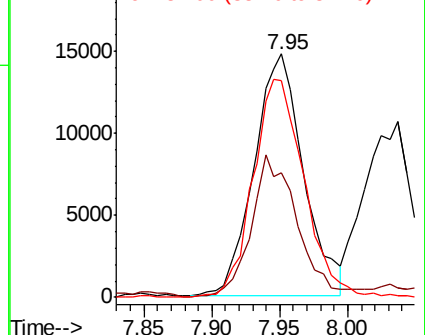
56 100

69 51.4 26.1 39.1#

84 89.5 68.6 103.0



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: 58.939 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009268.D

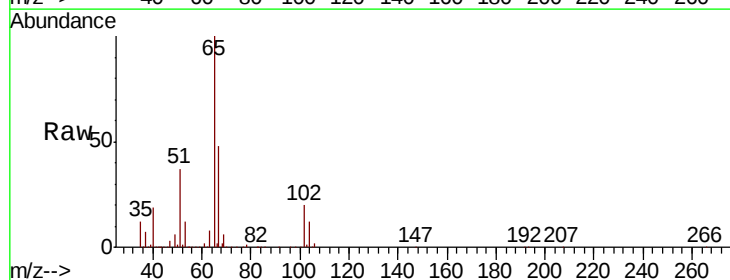
Acq: 20 Mar 2019 05:33

Tgt Ion: 65 Resp: 163625

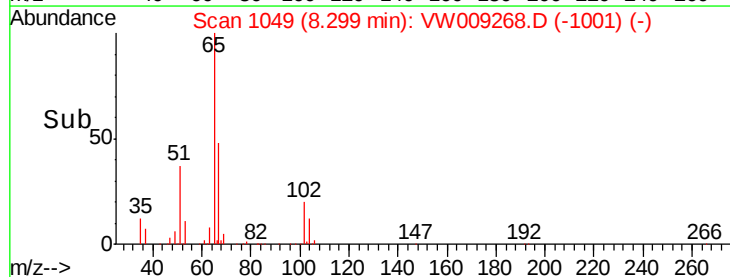
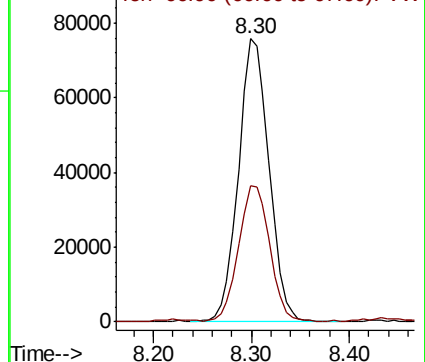
Ion Ratio Lower Upper

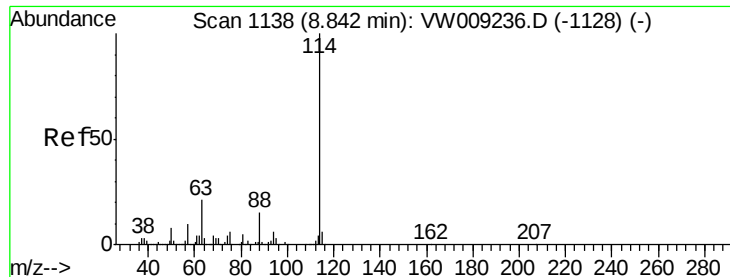
65 100

67 49.3 0.0 102.4



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

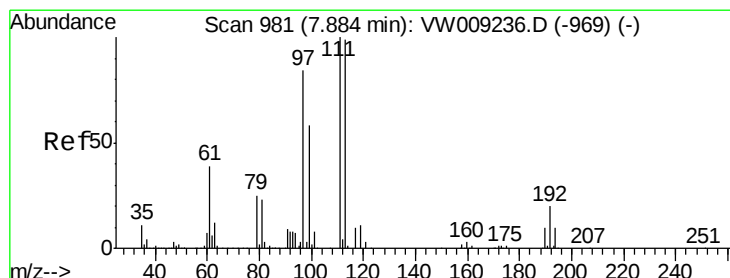
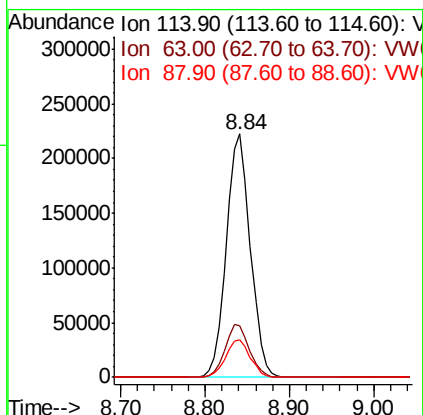
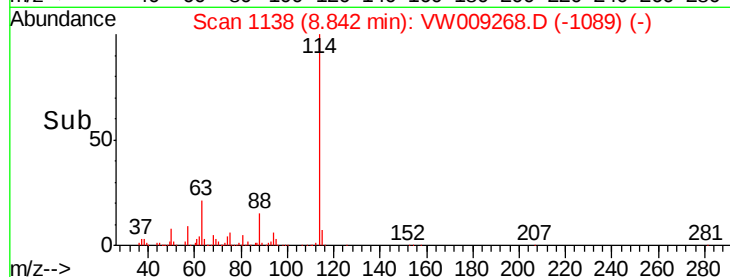
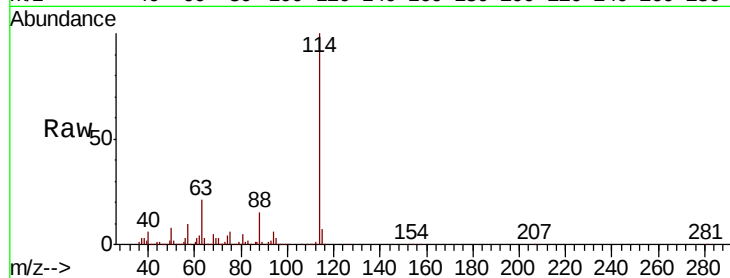




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

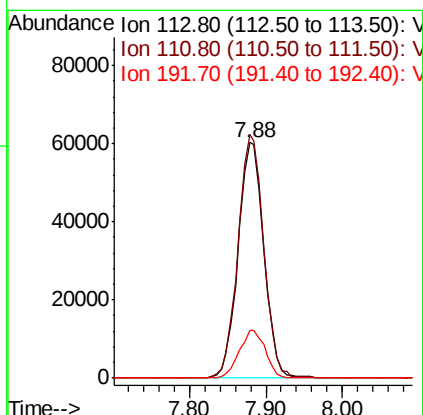
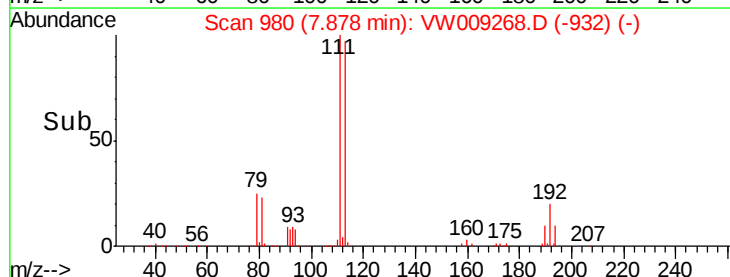
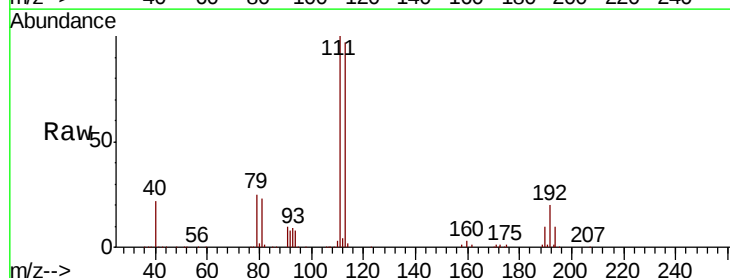
Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

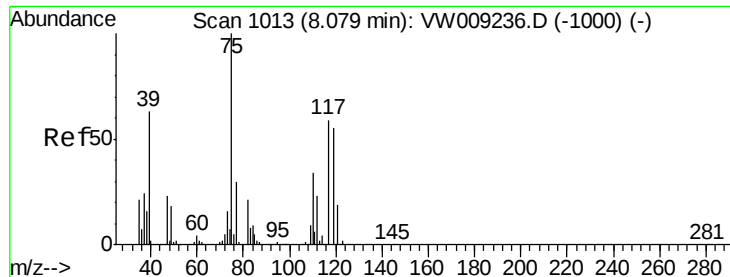
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	15.3	0.0	30.8



#35
Dibromofluoromethane
Concen: 51.399 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	20.7	16.4	24.6





#36

1,1-Dichloropropene

Concen: 5.024 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

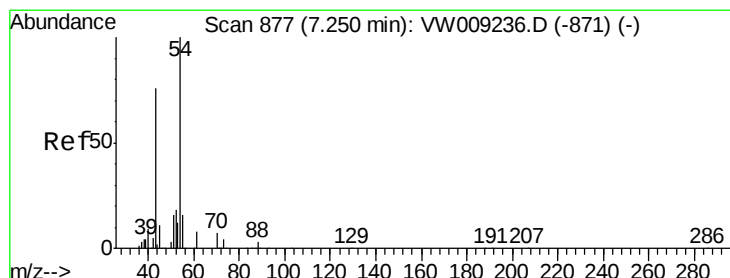
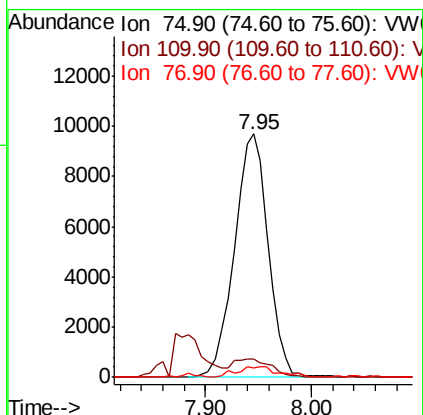
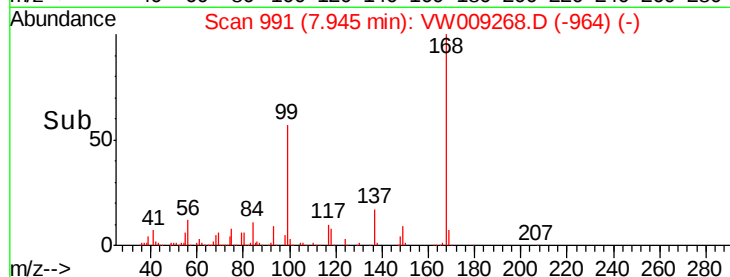
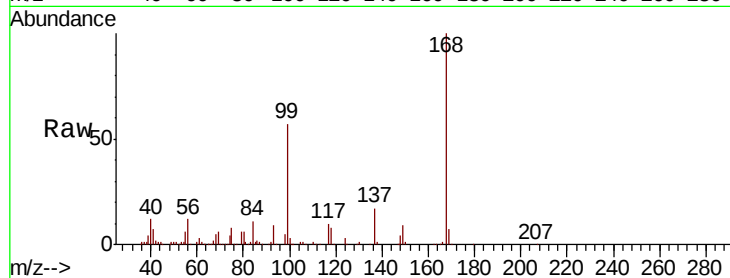
Tot Ion: 75 Resp: 21550

Ion Ratio Lower Upper

75 100

110 8.2 16.8 50.4#

77 5.3 24.6 36.8#



#37

Ethyl Acetate

Concen: 4.794 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.07 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

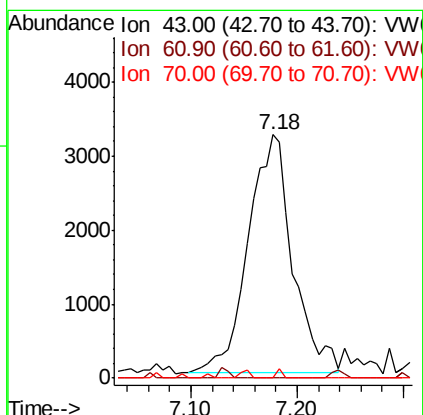
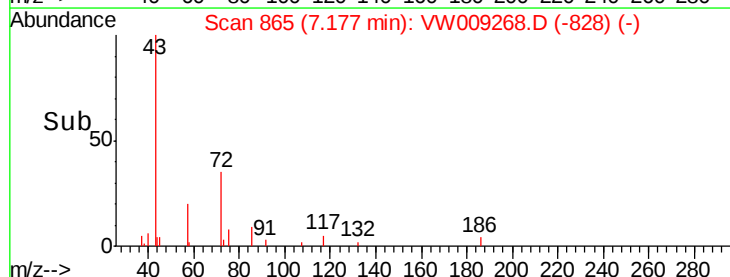
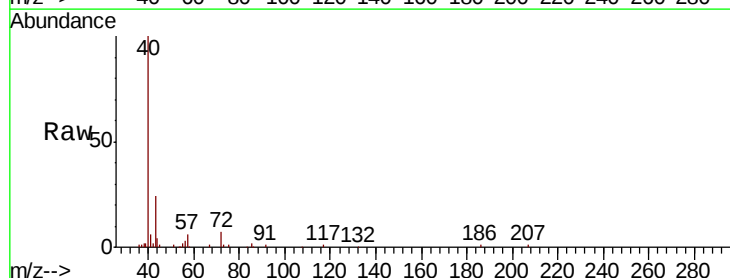
Tgt Ion: 43 Resp: 9384

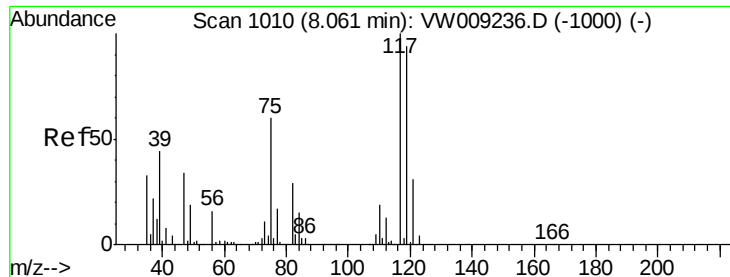
Ion Ratio Lower Upper

43 100

61 0.0 10.0 15.0#

70 0.5 7.3 10.9#





#38

Carbon Tetrachloride

Concen: 5.768 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.12 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

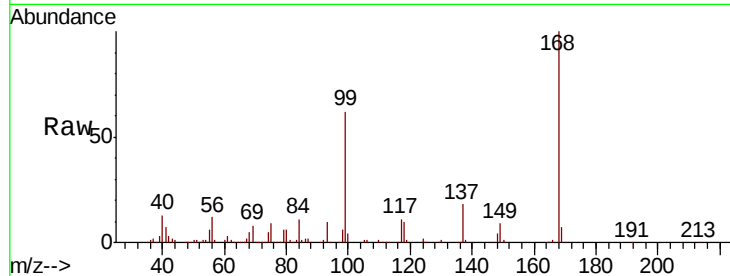
Tot Ion:117 Resp: 26181

Ion Ratio Lower Upper

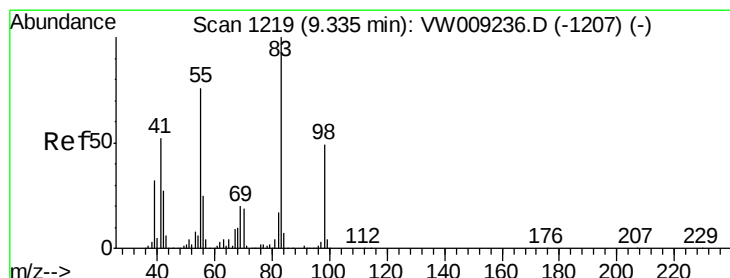
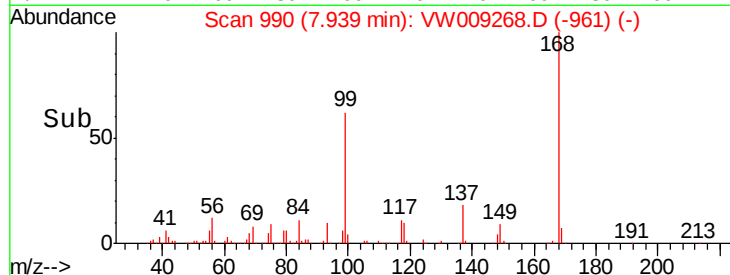
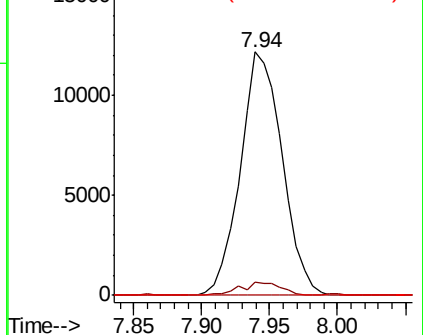
117 100

119 5.6 75.4 113.0#

121 0.0 24.9 37.3#



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



#39

Methylcyclohexane

Concen: 22.739 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

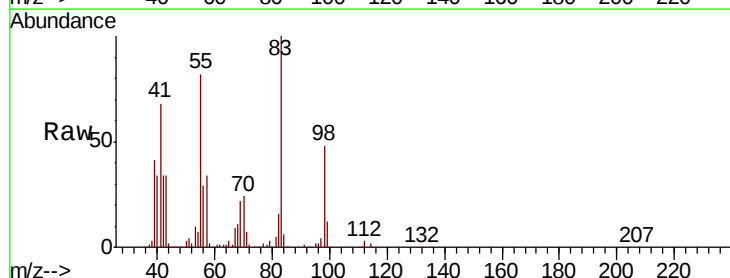
Tgt Ion: 83 Resp: 112846

Ion Ratio Lower Upper

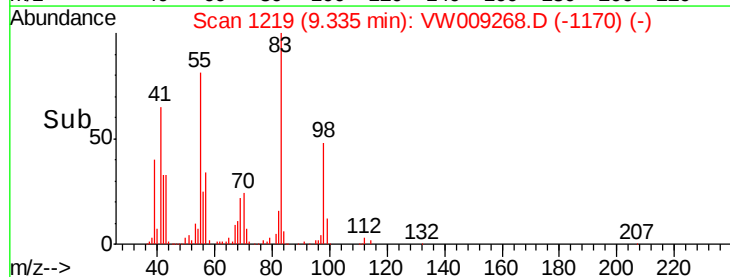
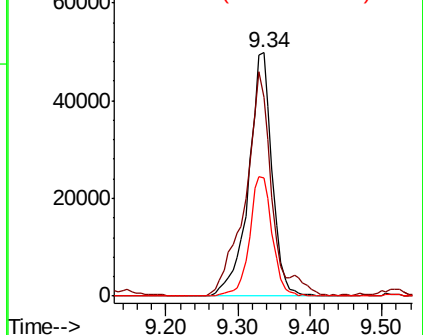
83 100

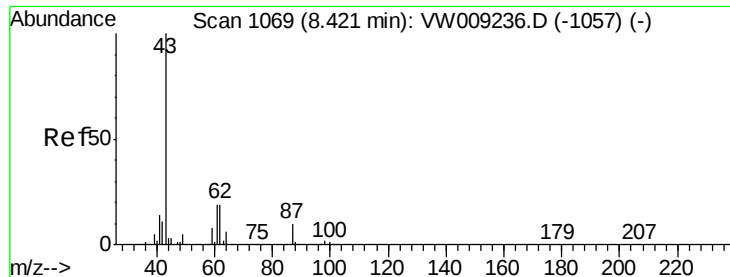
55 81.4 61.1 91.7

98 48.4 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#43

Isopropyl Acetate

Concen: 3.899 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

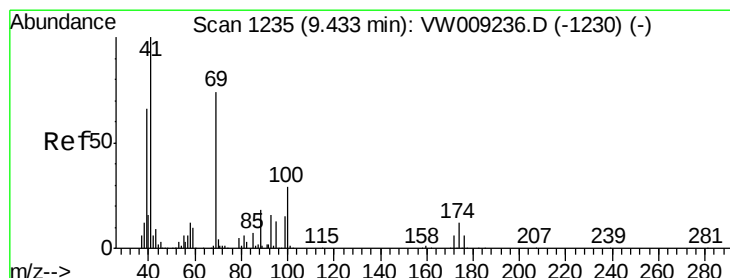
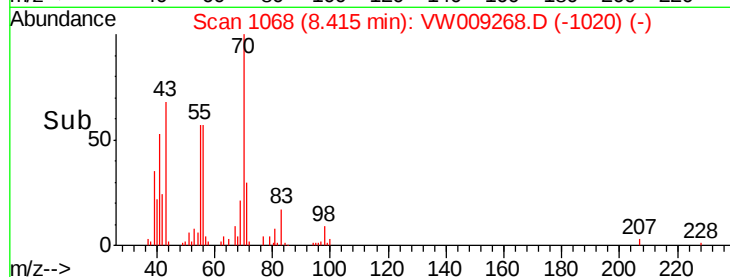
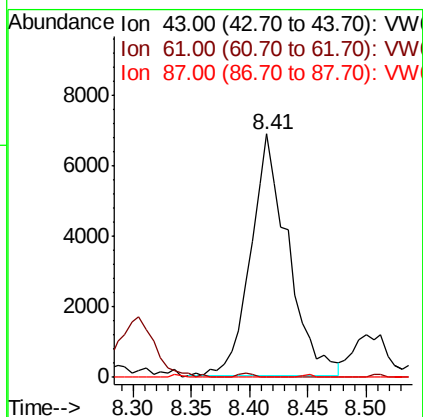
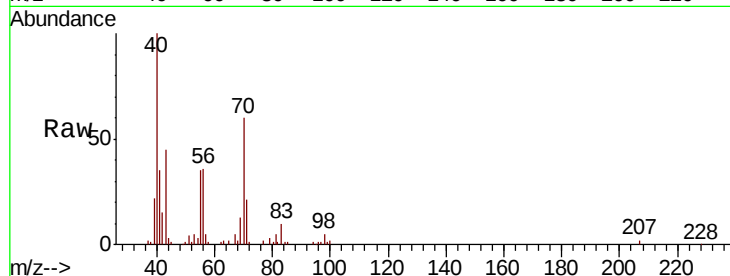
Tot Ion: 43 Resp: 15282

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.2#

87 0.0 9.6 14.4#



#48

Methyl methacrylate

Concen: 10.634 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. -0.05 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

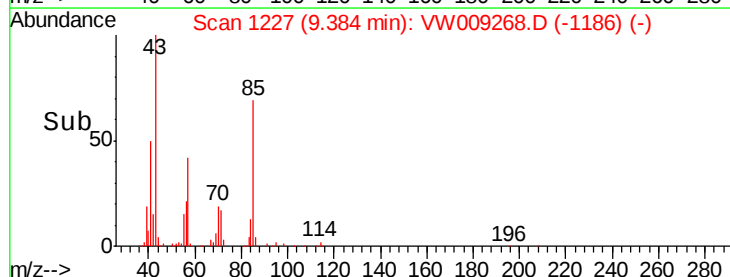
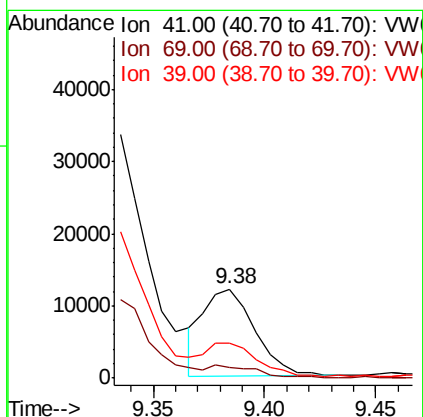
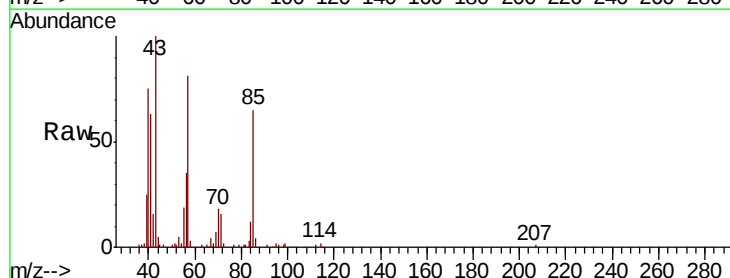
Tgt Ion: 41 Resp: 19297

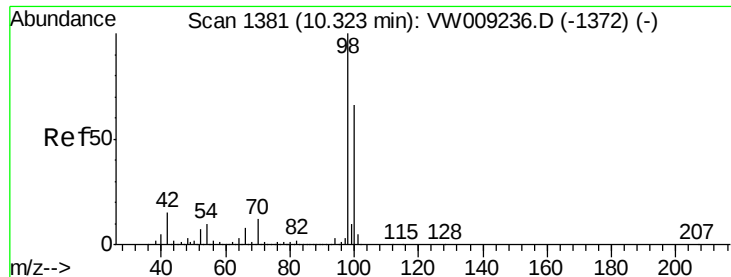
Ion Ratio Lower Upper

41 100

69 0.0 63.0 94.6#

39 39.4 57.2 85.8#





#50

Toluene-d8

Concen: 55.653 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

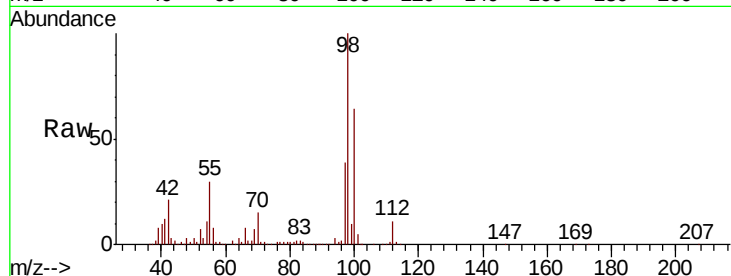
SB-13(10-11)

Tot Ion: 98 Resp: 553016

Ion Ratio Lower Upper

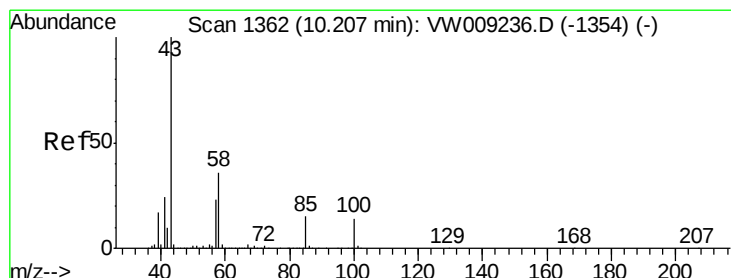
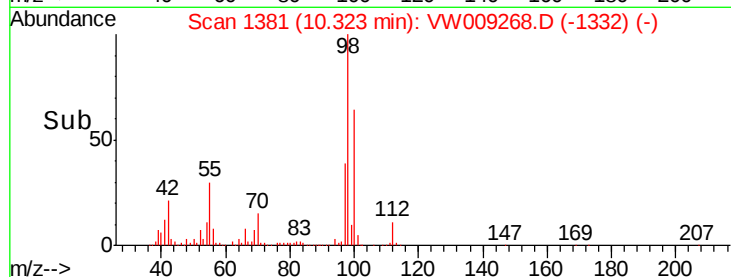
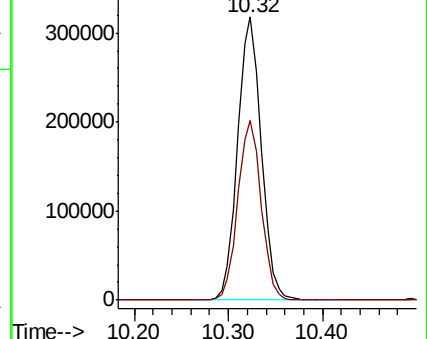
98 100

100 62.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.446 ug/l

RT: 10.24 min Scan# 1368

Delta R.T. 0.04 min

Lab File: VW009268.D

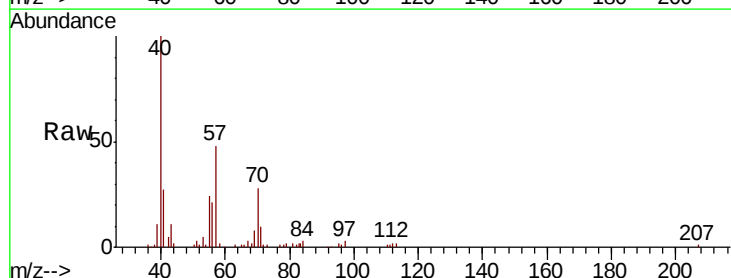
Acq: 20 Mar 2019 05:33

Tgt Ion: 43 Resp: 2954

Ion Ratio Lower Upper

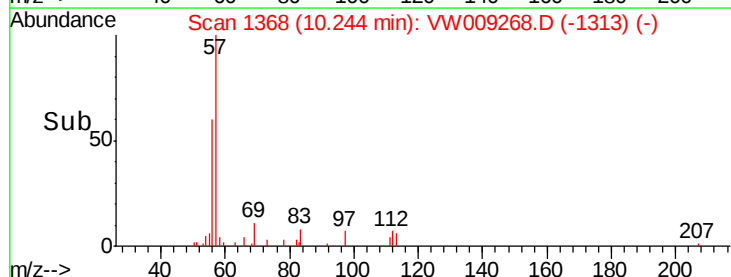
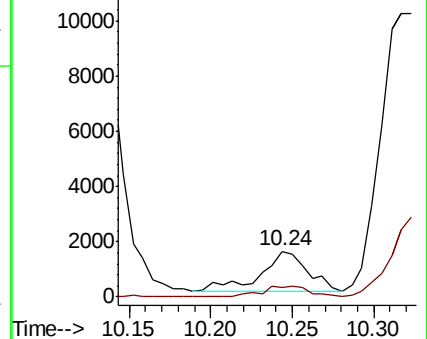
43 100

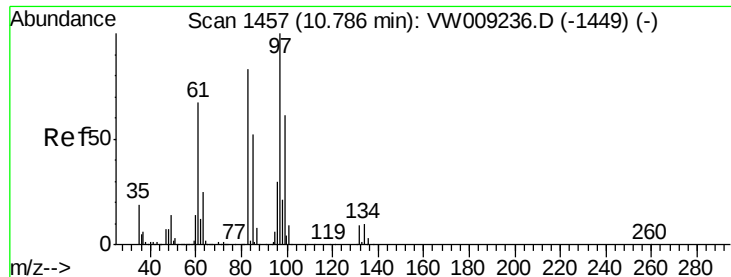
58 26.2 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

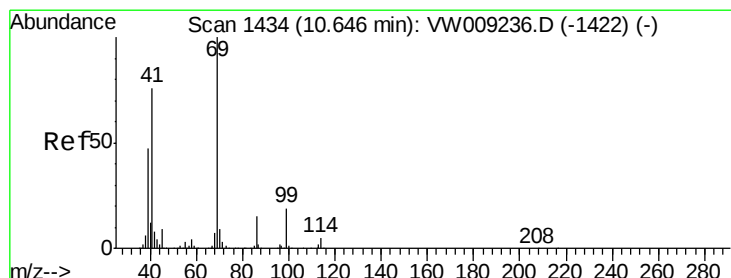
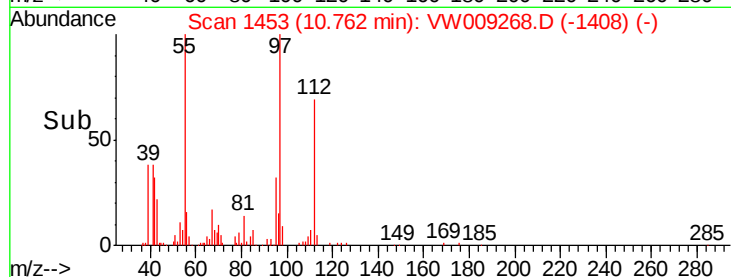
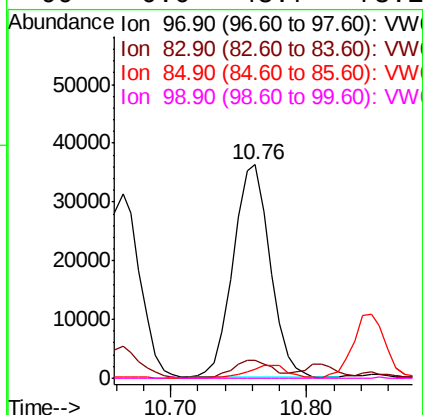
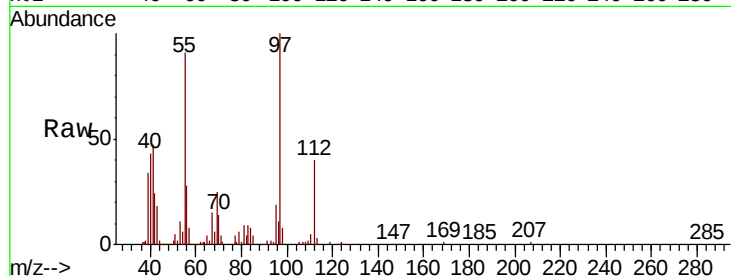




#55
 1,1,2-Trichloroethane
 Concen: 31.033 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

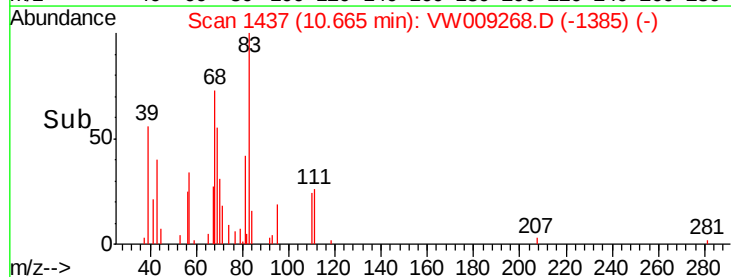
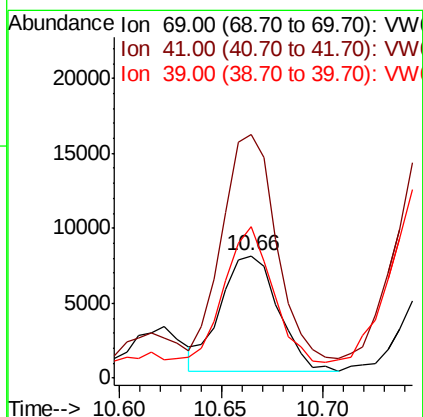
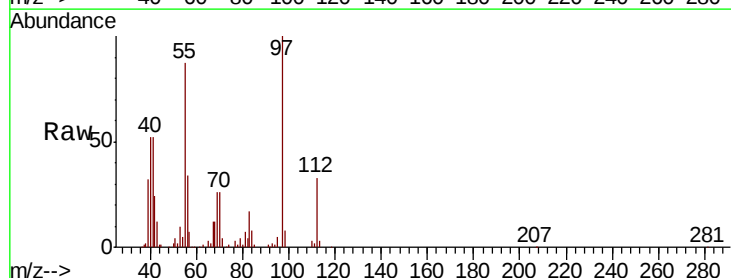
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13(10-11)

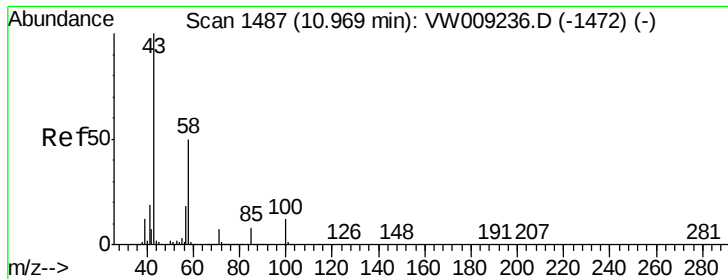
Tot Ion	97	Resp	68327
Ion Ratio	Lower	Upper	
97	100		
83	8.1	66.3	99.5#
85	4.0	41.4	62.2#
99	0.0	48.7	73.1#



#56
 Ethyl methacrylate
 Concen: 5.793 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

Tgt Ion	69	Resp	15187
Ion Ratio	Lower	Upper	
69	100		
41	202.0	59.3	88.9#
39	114.1	36.2	54.2#

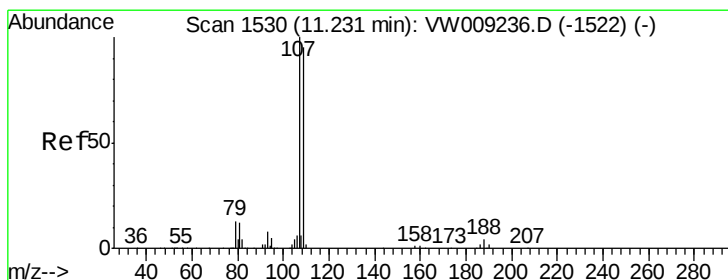
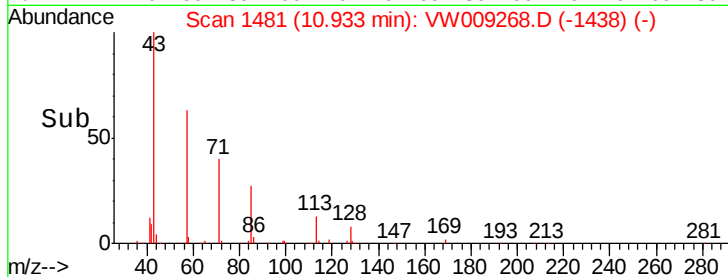
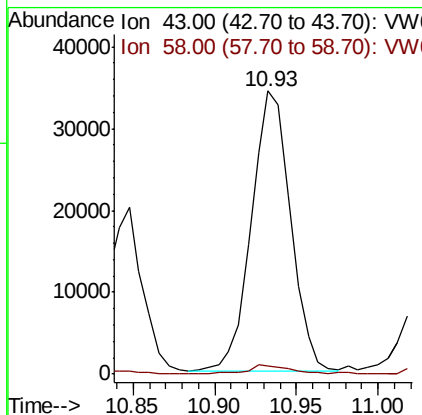
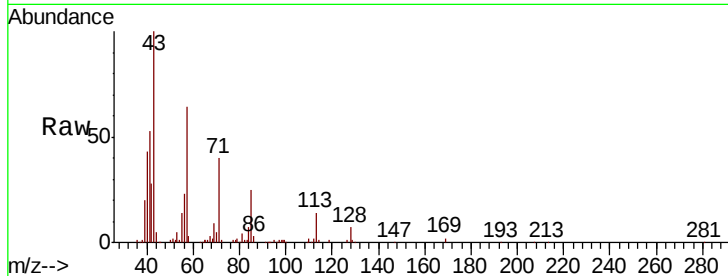




#59
2-Hexanone
Concen: 40.970 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

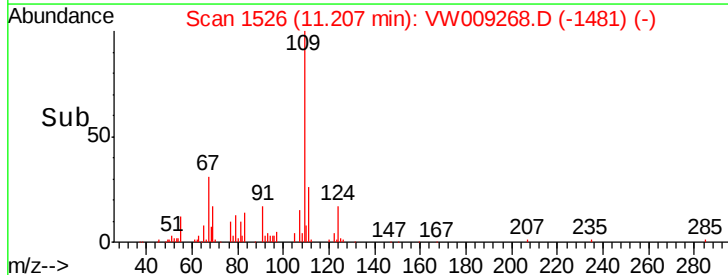
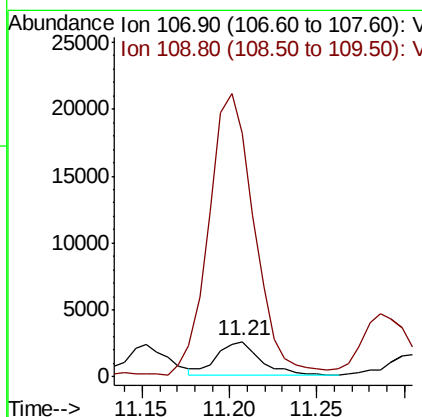
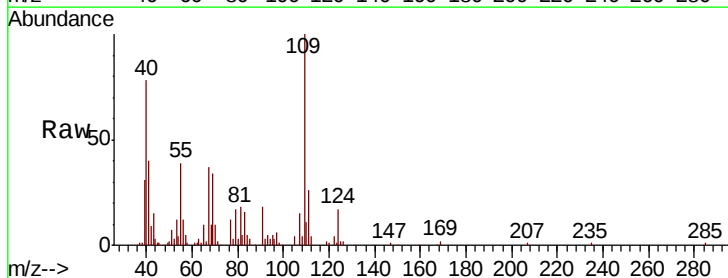
Instrument :
MSVOA_W
ClientSampled :
SB-13(10-11)

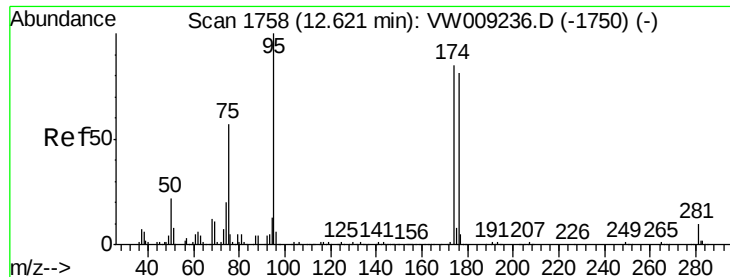
Tot Ion: 43 Resp: 56813
Ion Ratio Lower Upper
43 100
58 3.6 24.2 72.6#



#61
1,2-Dibromoethane
Concen: 2.074 ug/l
RT: 11.21 min Scan# 1526
Delta R.T. -0.02 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion: 107 Resp: 4350
Ion Ratio Lower Upper
107 100
109 862.6 75.1 112.7#

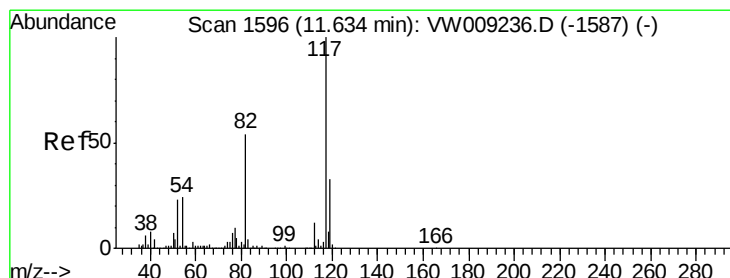
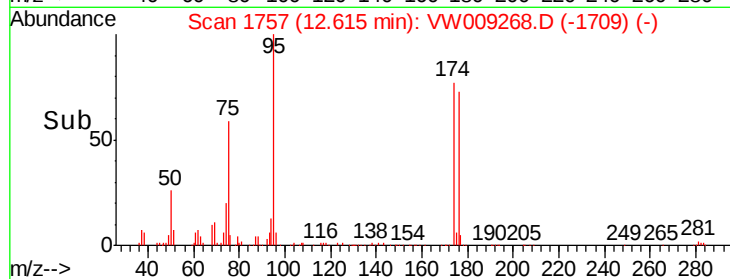
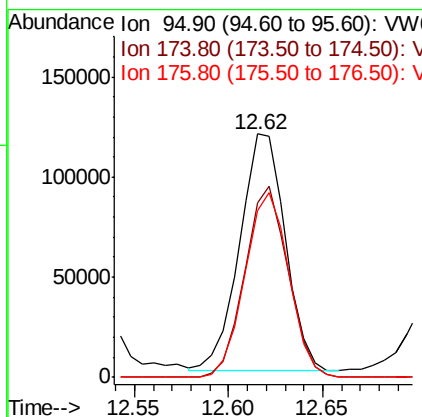
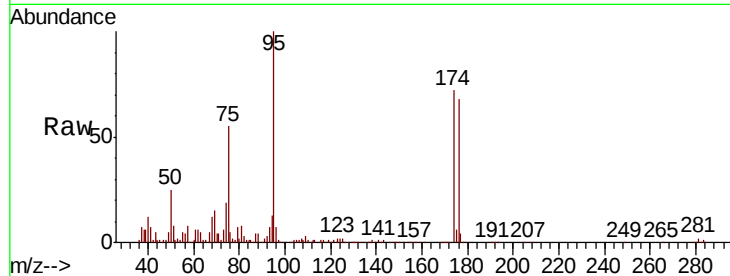




#62
4-Bromofluorobenzene
Concen: 54.379 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

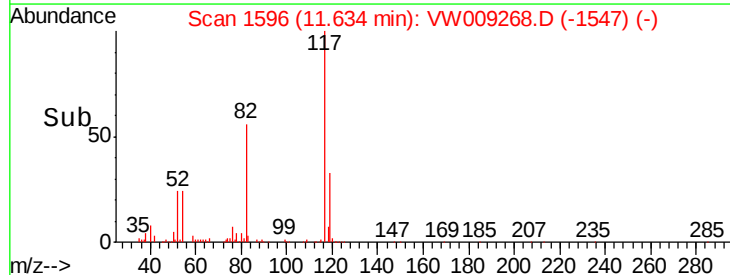
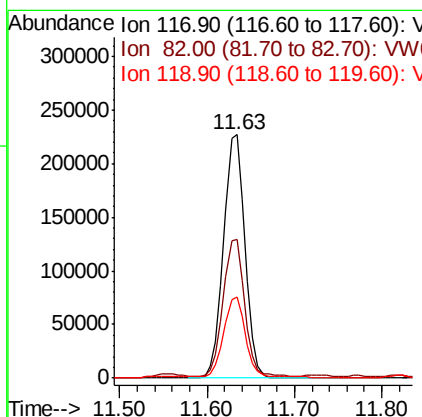
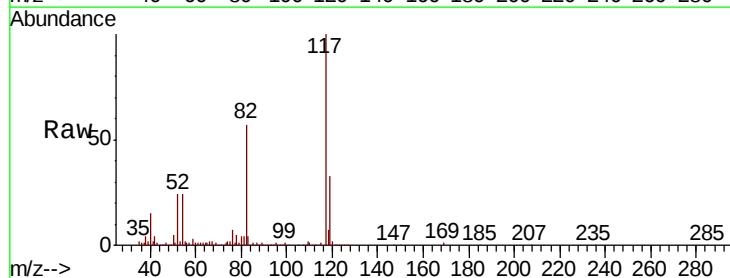
Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

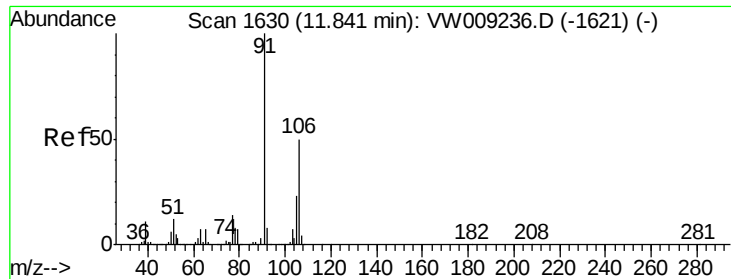
Tot Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	168.4
176	75.4	0.0	161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.6	65.4
119	33.0	26.0	39.0

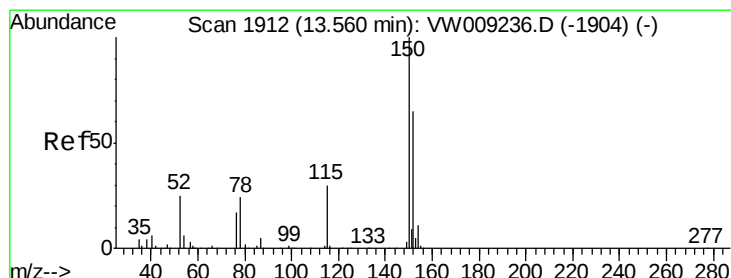
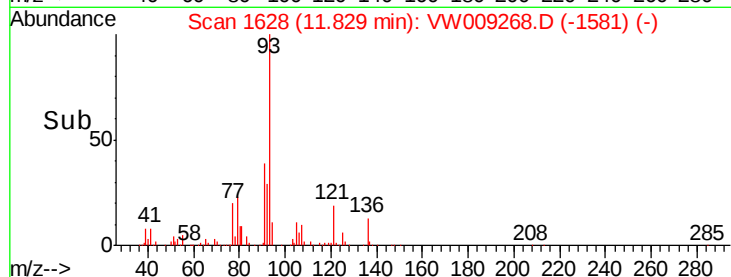
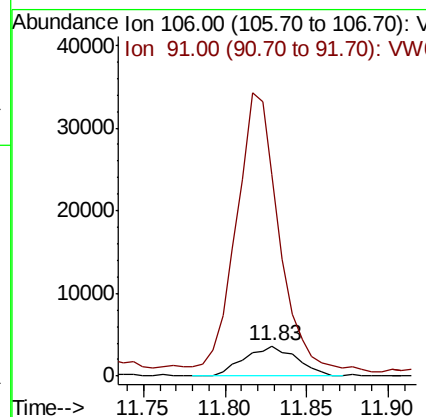
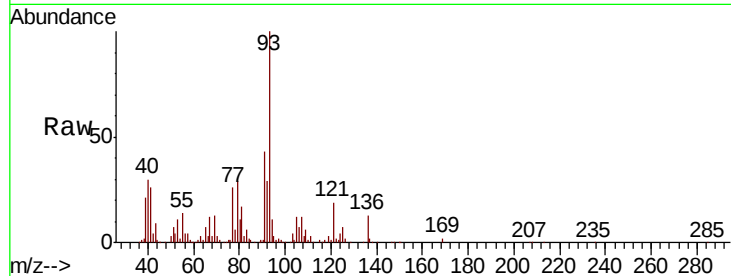




#68
m/p-Xvlenes
Concen: 1.542 ug/l
RT: 11.83 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

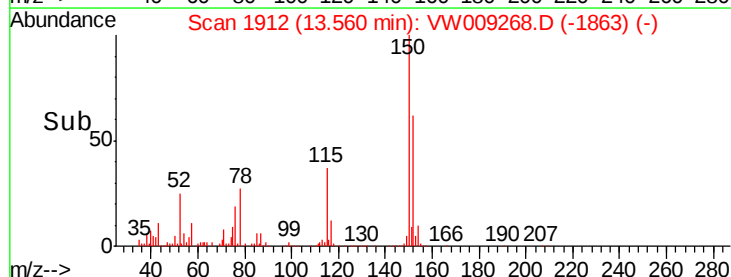
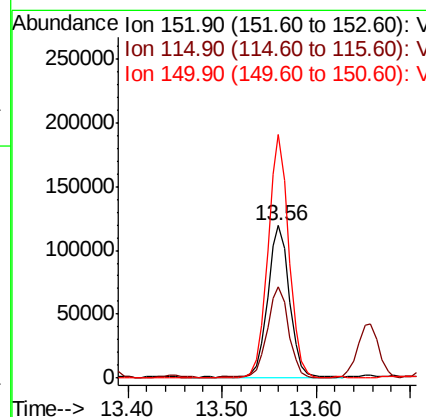
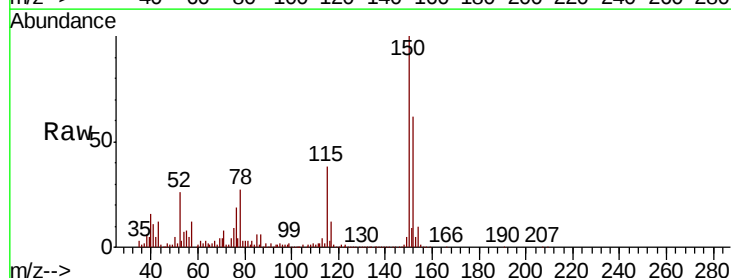
Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

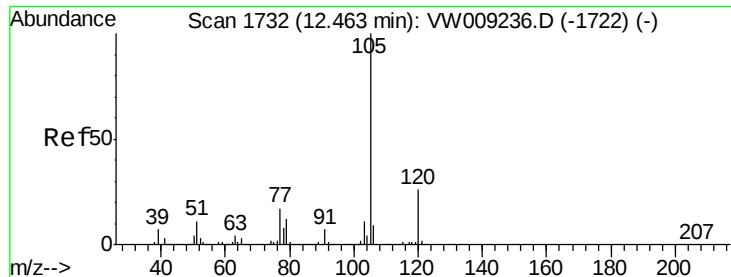
Tot Ion:106 Resp: 8240
Ion Ratio Lower Upper
106 100
91 748.3 163.1 244.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion:152 Resp: 192869
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 153.0 0.0 349.2





#73

Isopropylbenzene

Concen: 12.250 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampled :

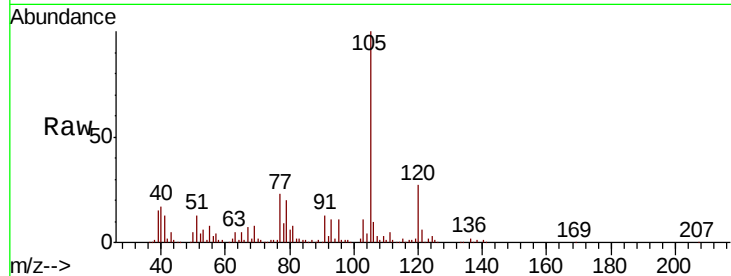
SB-13(10-11)

Tot Ion:105 Resp: 157912

Ion Ratio Lower Upper

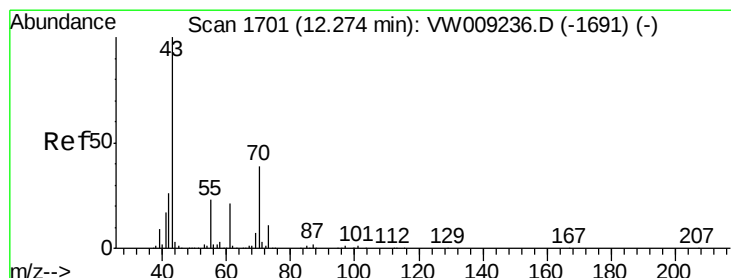
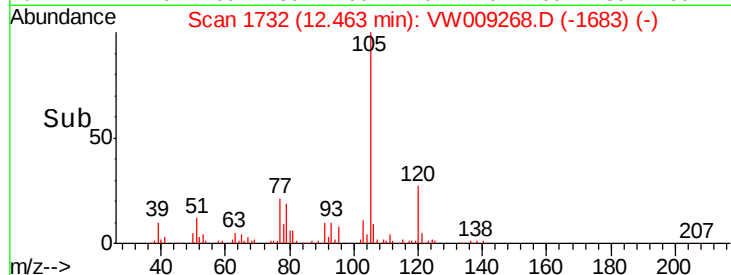
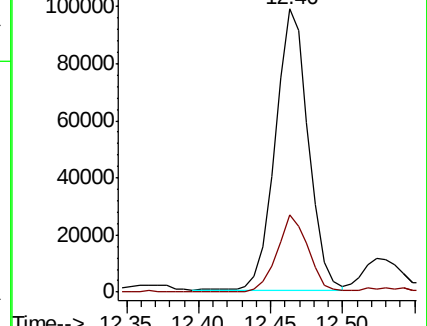
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.373 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Tgt Ion: 43 Resp: 34880

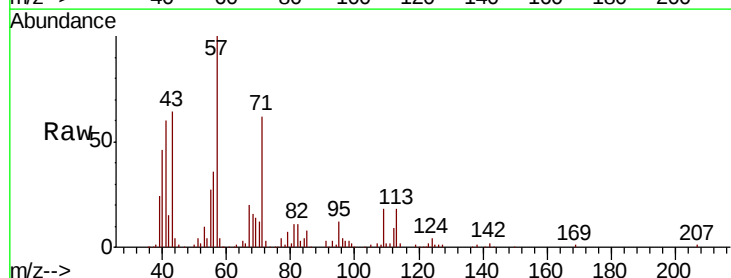
Ion Ratio Lower Upper

43 100

70 18.1 30.6 46.0#

55 49.2 19.3 28.9#

61 0.3 17.0 25.4#

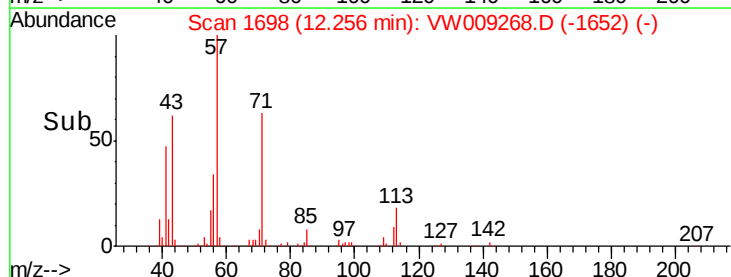
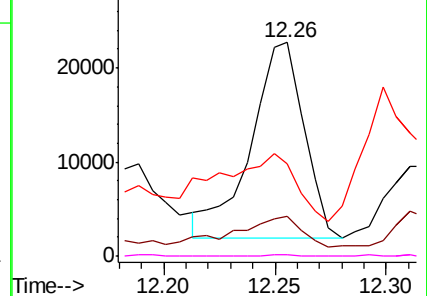


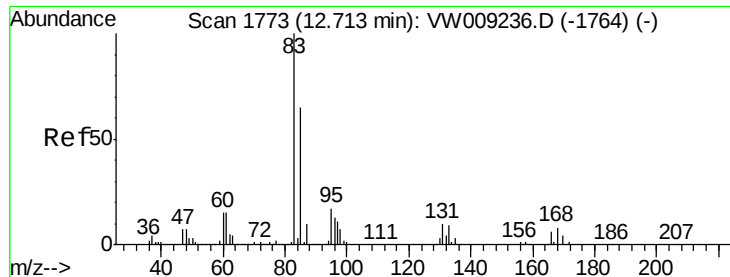
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 1.344 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampled :

SB-13(10-11)

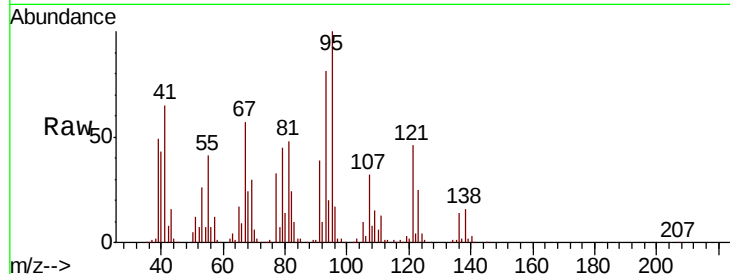
Tot Ion: 83 Resp: 3240

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

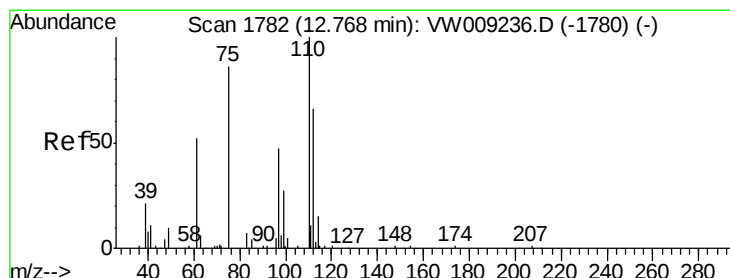
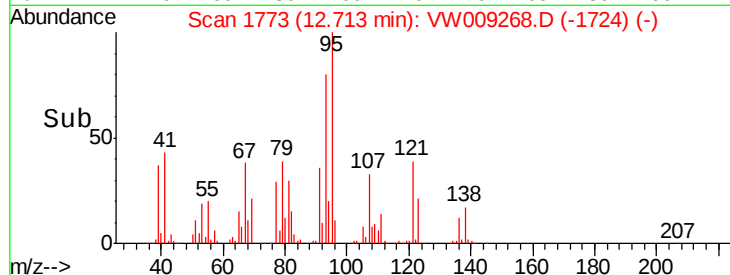
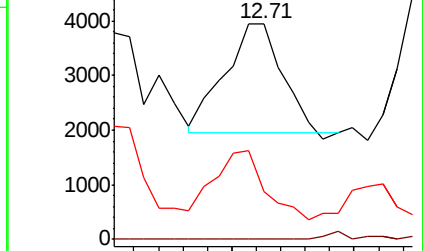
85 62.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 59.384 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW009268.D

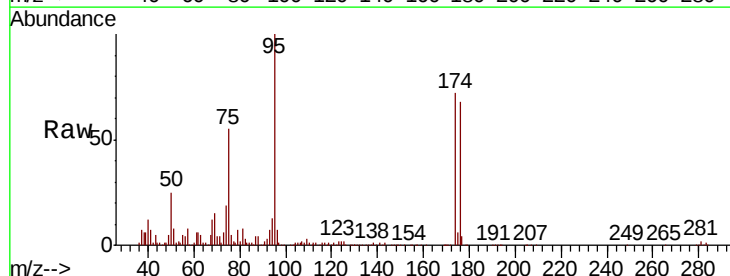
Acq: 20 Mar 2019 05:33

Tgt Ion: 75 Resp: 107631

Ion Ratio Lower Upper

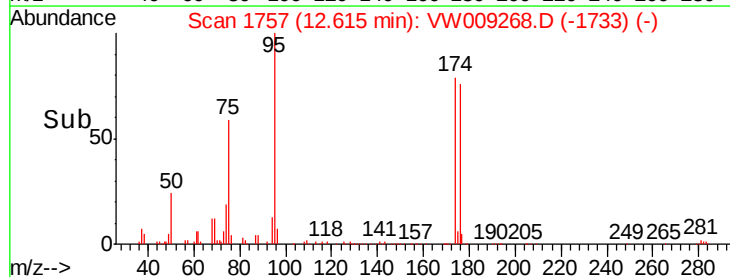
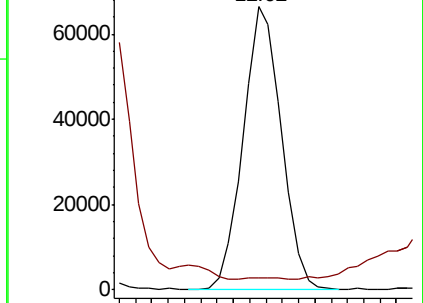
75 100

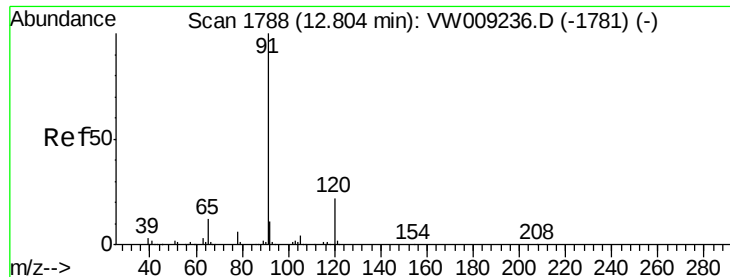
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

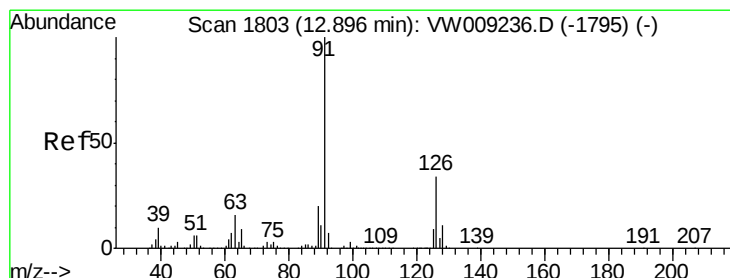
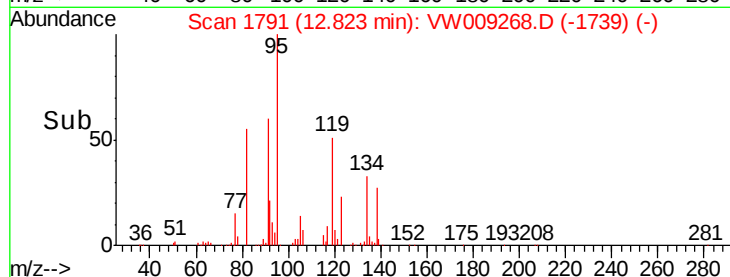
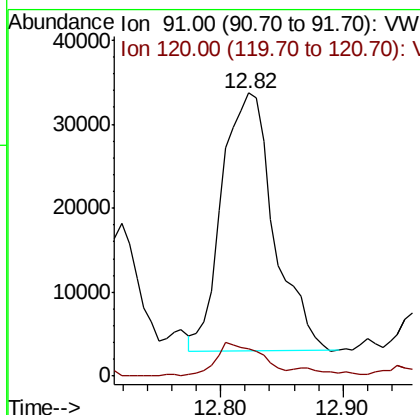
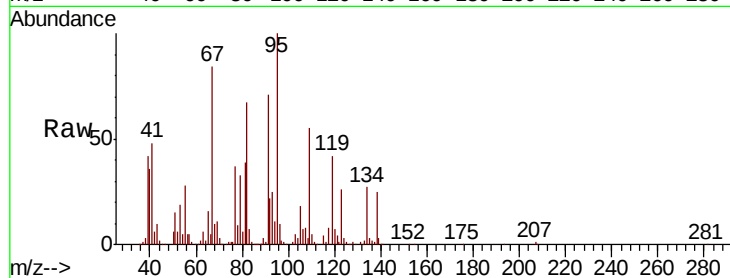




#78
n-propylbenzene
Concen: 5.739 ug/l
RT: 12.82 min Scan# 1791
Delta R.T. 0.02 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

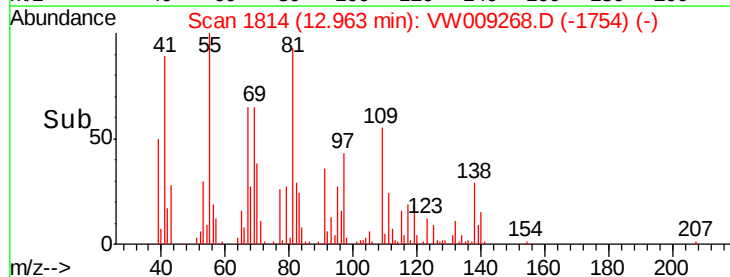
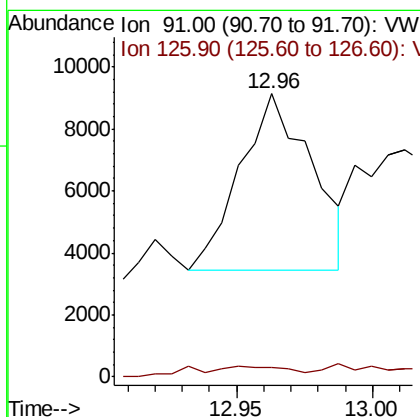
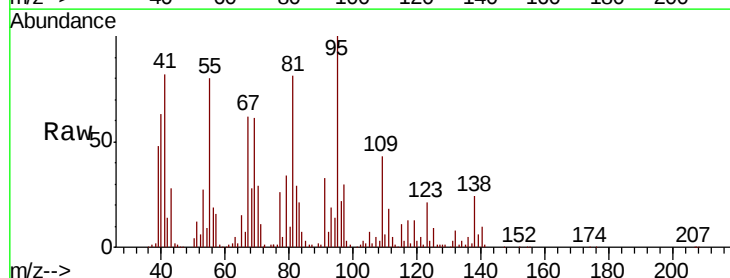
Instrument :
MSVOA_W
ClientSampleId :
SB-13(10-11)

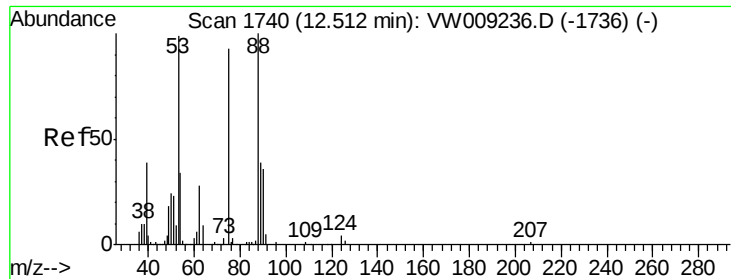
Tot Ion: 91 Resp: 90859
Ion Ratio Lower Upper
91 100
120 11.3 11.1 33.3



#79
2-Chlorotoluene
Concen: 1.169 ug/l
RT: 12.96 min Scan# 1814
Delta R.T. 0.07 min
Lab File: VW009268.D
Acq: 20 Mar 2019 05:33

Tgt Ion: 91 Resp: 10512
Ion Ratio Lower Upper
91 100
126 8.1 17.0 51.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 145.713 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

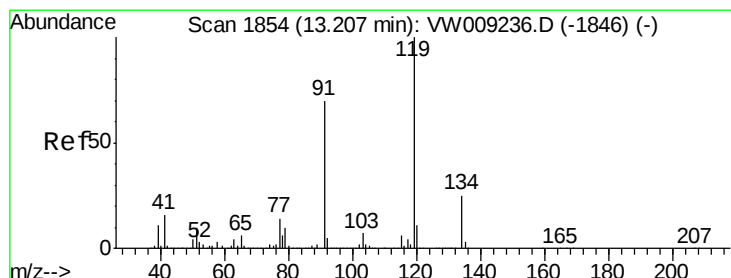
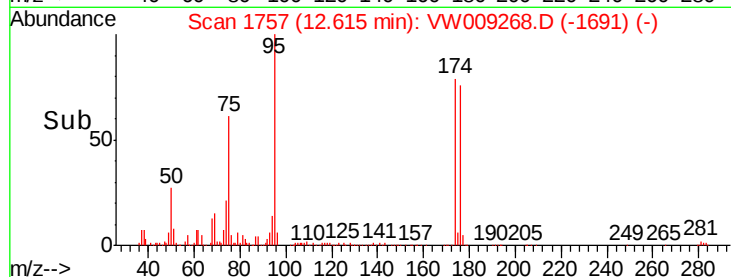
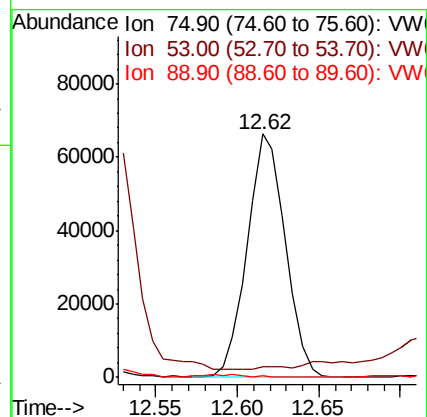
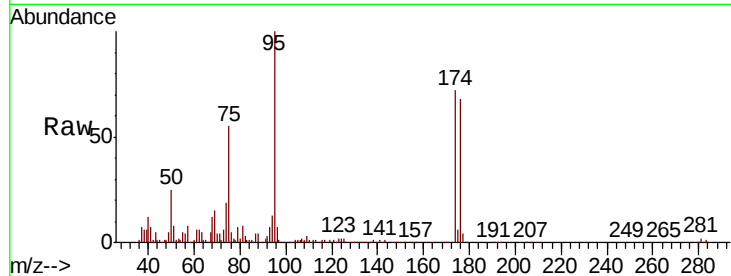
Tot Ion: 75 Resp: 107631

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.2 36.4 54.6#



#83

tert-Butylbenzene

Concen: 3.445 ug/l

RT: 13.44 min Scan# 1893

Delta R.T. 0.24 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

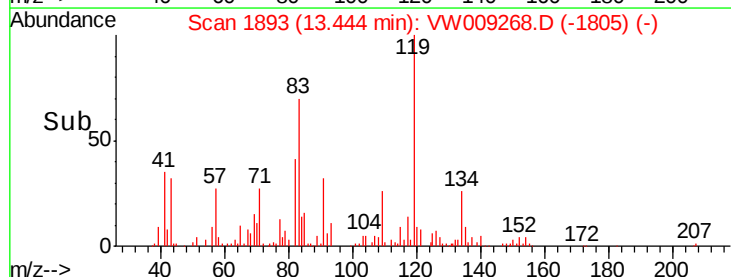
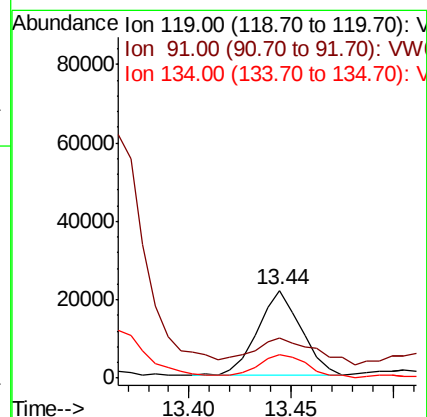
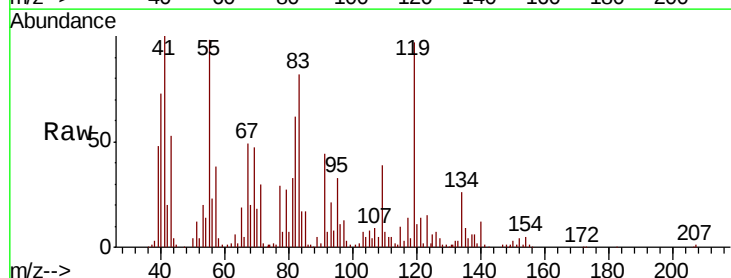
Tgt Ion: 119 Resp: 32275

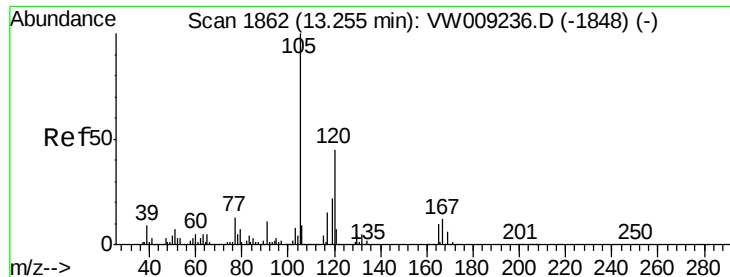
Ion Ratio Lower Upper

119 100

91 43.9 34.4 103.2

134 30.0 12.7 38.1

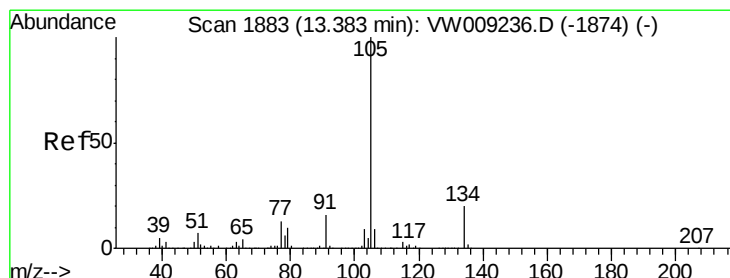
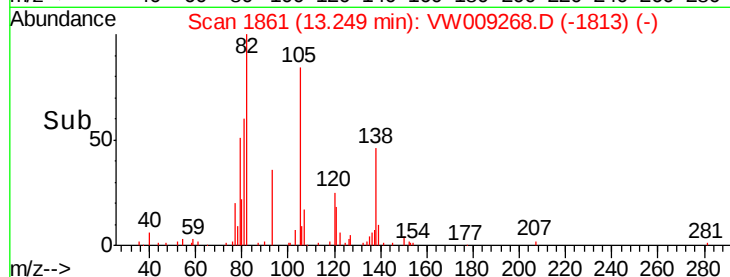
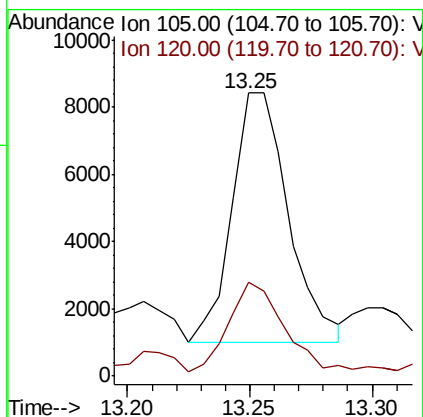
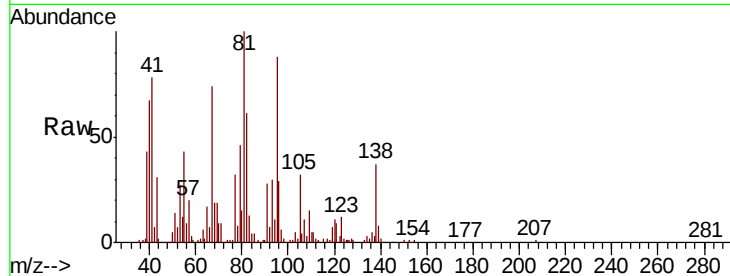




#84
 1,2,4-Trimethylbenzene
 Concen: 1.061 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

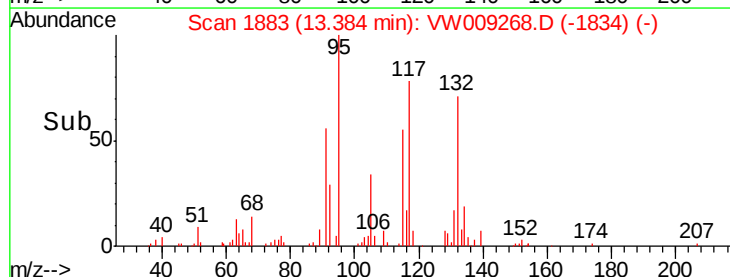
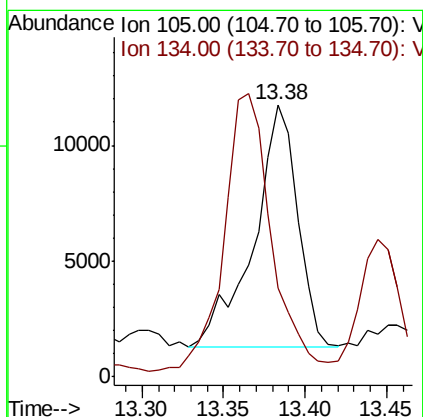
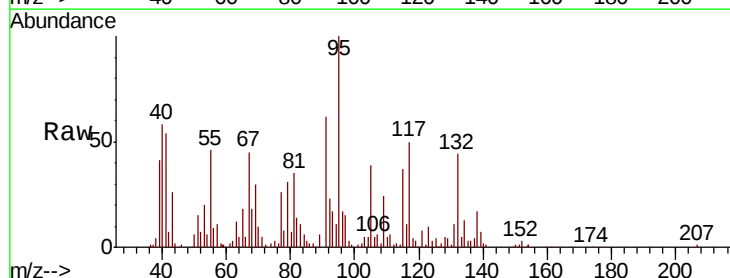
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13(10-11)

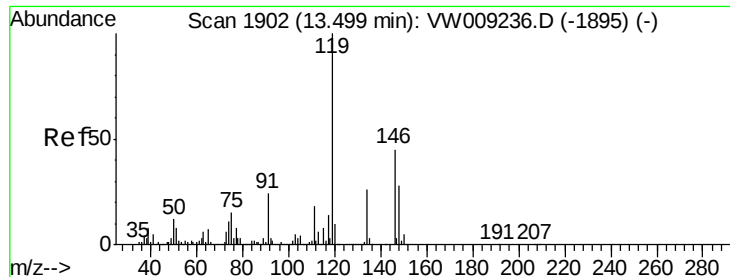
Tot Ion:105 Resp: 11924
 Ion Ratio Lower Upper
 105 100
 120 36.5 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 1.405 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

Tgt Ion:105 Resp: 19451
 Ion Ratio Lower Upper
 105 100
 134 124.4 10.2 30.6#

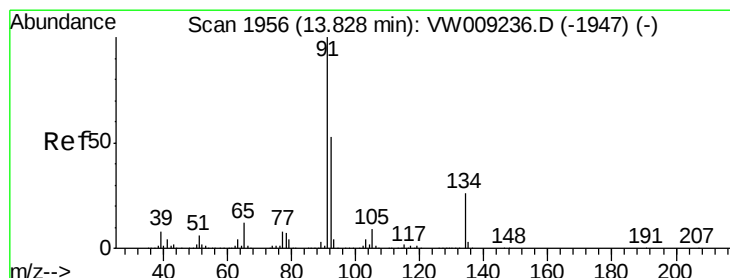
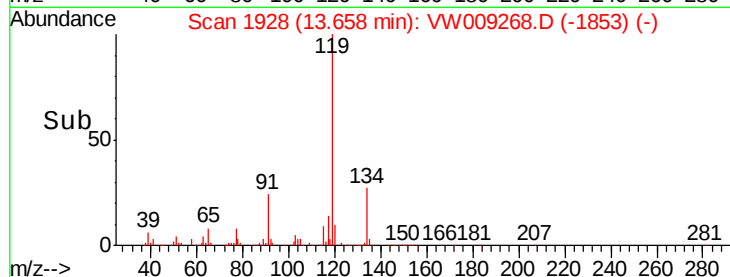
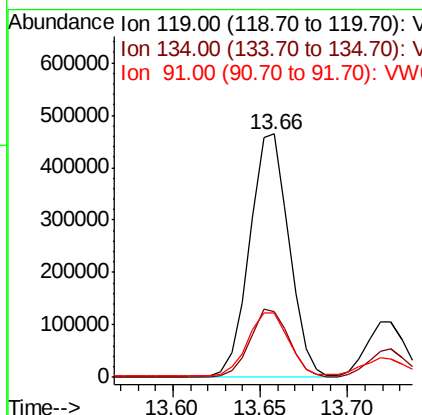
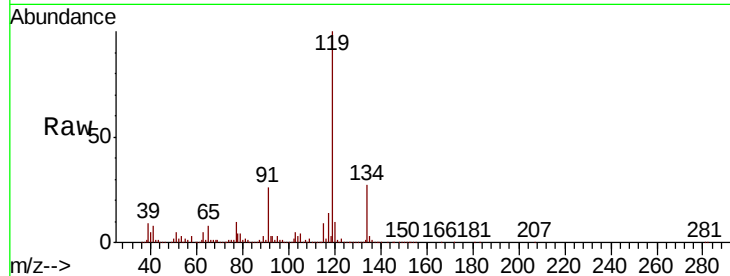




#86
 p-Isopropyltoluene
 Concen: 58.719 ug/l
 RT: 13.66 min Scan# 1928
 Delta R.T. 0.16 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

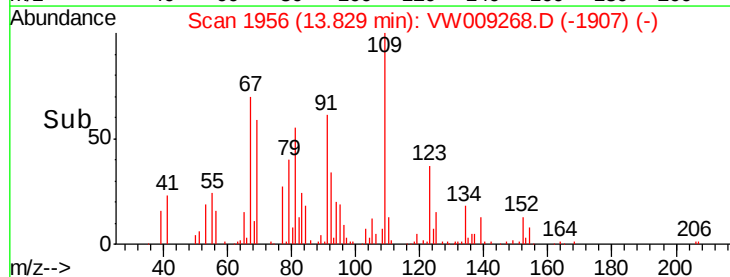
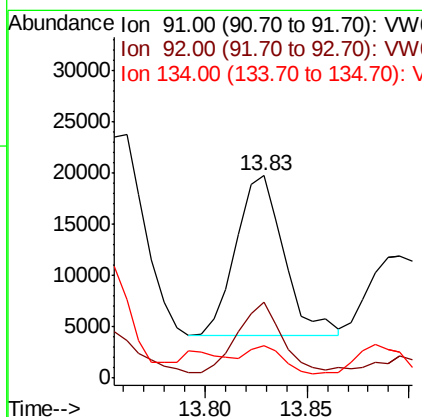
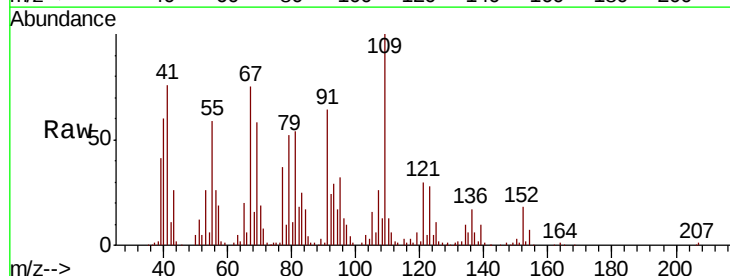
Instrument :
 MSVOA_W
 ClientSampled :
 SB-13(10-11)

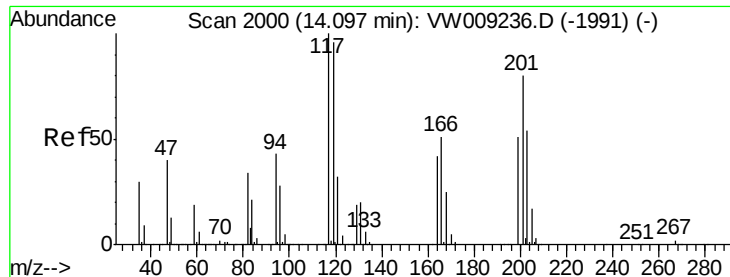
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.1	39.3
91	27.3	12.3	36.8



#89
 n-Butylbenzene
 Concen: 2.130 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW009268.D
 Acq: 20 Mar 2019 05:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.2	26.4	79.0
134	0.0	12.9	38.6





#90

Hexachloroethane

Concen: 16.392 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

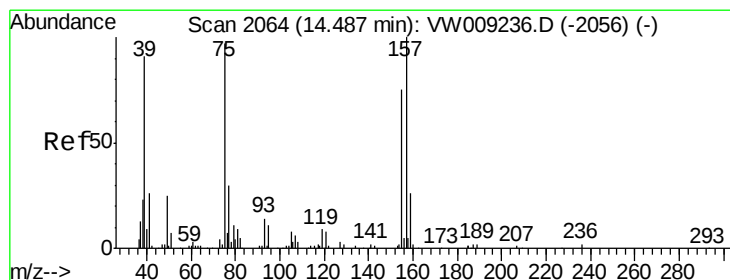
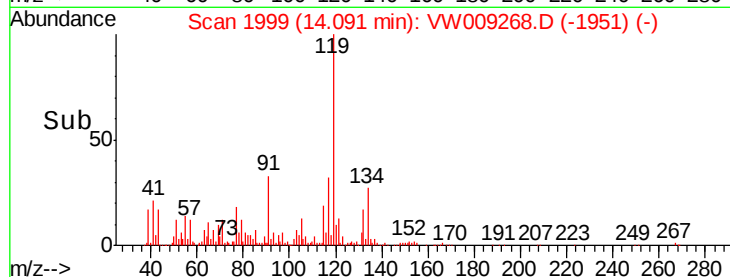
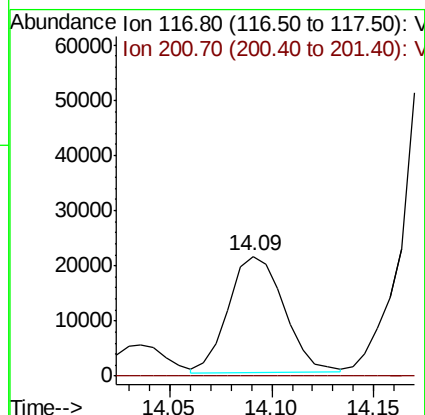
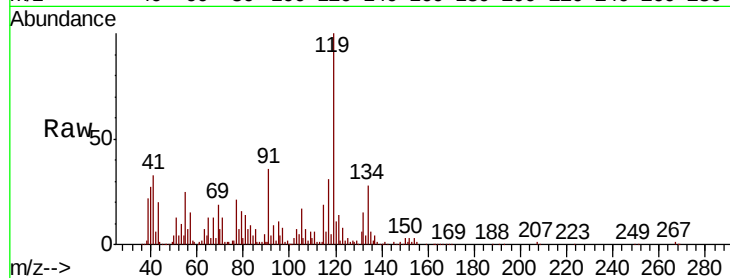
SB-13(10-11)

Tot Ion:117 Resp: 39842

Ion Ratio Lower Upper

117 100

201 0.0 38.2 114.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.683 ug/l

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

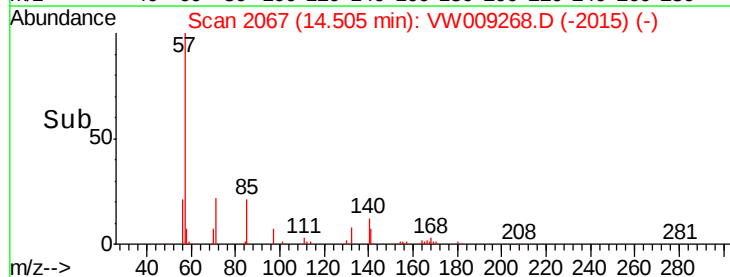
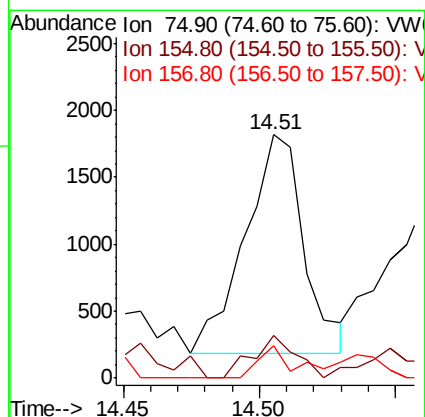
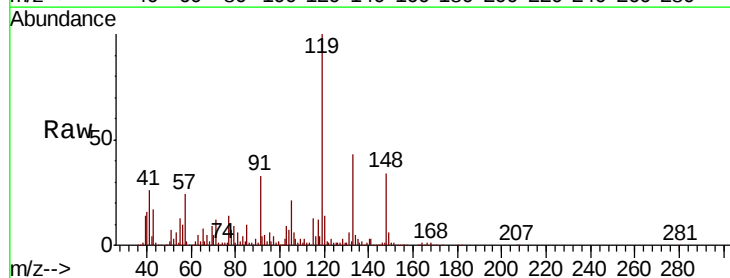
Tgt Ion: 75 Resp: 2454

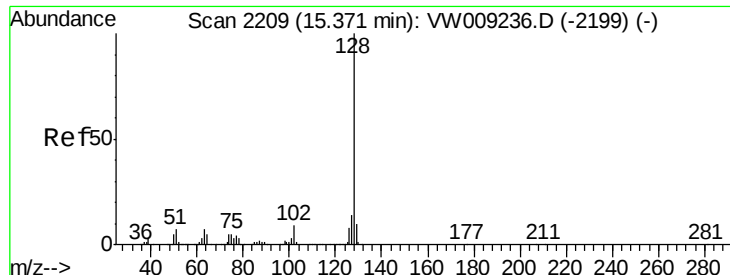
Ion Ratio Lower Upper

75 100

155 14.3 39.3 117.8#

157 9.2 49.5 148.5#





#95

Naphthalene

Concen: 2.432 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009268.D

Acq: 20 Mar 2019 05:33

Instrument :

MSVOA_W

ClientSampleId :

SB-13(10-11)

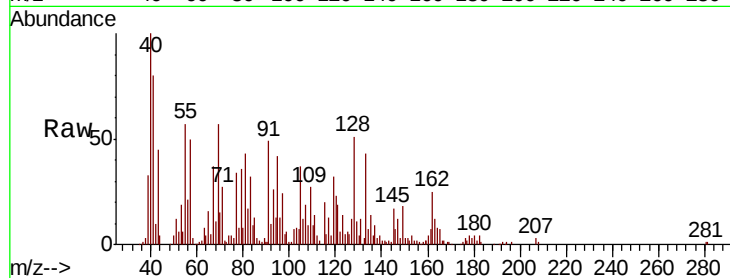
Tot Ion:128 Resp: 16033

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

