

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009263.D
 Acq On : 20 Mar 2019 03:19
 Operator : SY/VA
 Sample : K1971-10
 Misc : 5.310G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(6-7)-031519

Quant Time: Mar 20 08:21:55 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	281952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179994	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	171541	57.20	ug/l	0.00
Spiked Amount			Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	148633	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
50) Toluene-d8	10.32	98	578443	55.43	ug/l	0.00
Spiked Amount			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.62	95	677510	176.81	ug/l	0.00
Spiked Amount			Recovery	=	353.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	448	Below Cal		97
11) Tert butyl alcohol	5.16	59	1069	6.140	ug/l #	70
13) Acrolein	3.89	56	451	3.173	ug/l #	58
16) Acetone	4.12	43	33333	54.173	ug/l	99
17) Carbon Disulfide	4.38	76	7523	1.003	ug/l #	78
20) Methylene Chloride	4.92	84	3816	Below Cal	#	90
25) 2-Butanone	7.17	43	22449	25.462	ug/l #	77
29) Tetrahydrofuran	7.54	42	1070	1.909	ug/l #	54
31) Cyclohexane	8.03	56	286339	58.192	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	22388	4.970	ug/l #	52
37) Ethyl Acetate	7.17	43	22449	10.921	ug/l #	73
38) Carbon Tetrachloride	7.95	117	27588	5.787	ug/l #	16
39) Methylcyclohexane	9.30	83	392915	75.387	ug/l #	27
41) Methacrylonitrile	7.70	41	22296	20.124	ug/l #	52
43) Isopropyl Acetate	8.41	43	176930	42.983	ug/l #	54
45) 1,2-Dichloropropane	9.38	63	4146	1.335	ug/l #	1
47) Bromodichloromethane	9.61	83	68220	15.808	ug/l #	51
48) Methyl methacrylate	9.48	41	36230	19.011	ug/l #	33
49) 1,4-Dioxane	9.46	88	27	1.019	ug/l #	1
51) 4-Methyl-2-Pentanone	10.25	43	124270	57.929	ug/l #	71
55) 1,1,2-Trichloroethane	10.76	97	1859596	804.188	ug/l #	24
56) Ethyl methacrylate	10.66	69	718430	260.916	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.90	63	3807	4.725	ug/l #	47
59) 2-Hexanone	10.94	43	838441	575.696	ug/l #	37
60) Dibromochloromethane	11.35	129	5525	1.934	ug/l	89
61) 1,2-Dibromoethane	11.23	107	3897	1.769	ug/l #	1
65) Chlorobenzene	11.77	112	118294	15.090	ug/l #	43
67) Ethyl Benzene	11.77	91	22909	1.687	ug/l #	47
74) N-amyl acetate	12.26	43	1626756	518.375	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.69	83	269956	119.957	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	96409	56.998	ug/l #	100
78) n-propylbenzene	12.79	91	44485	3.011	ug/l #	60
79) 2-Chlorotoluene	12.89	91	63850	7.607	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.62	75	96409	139.856	ug/l #	43

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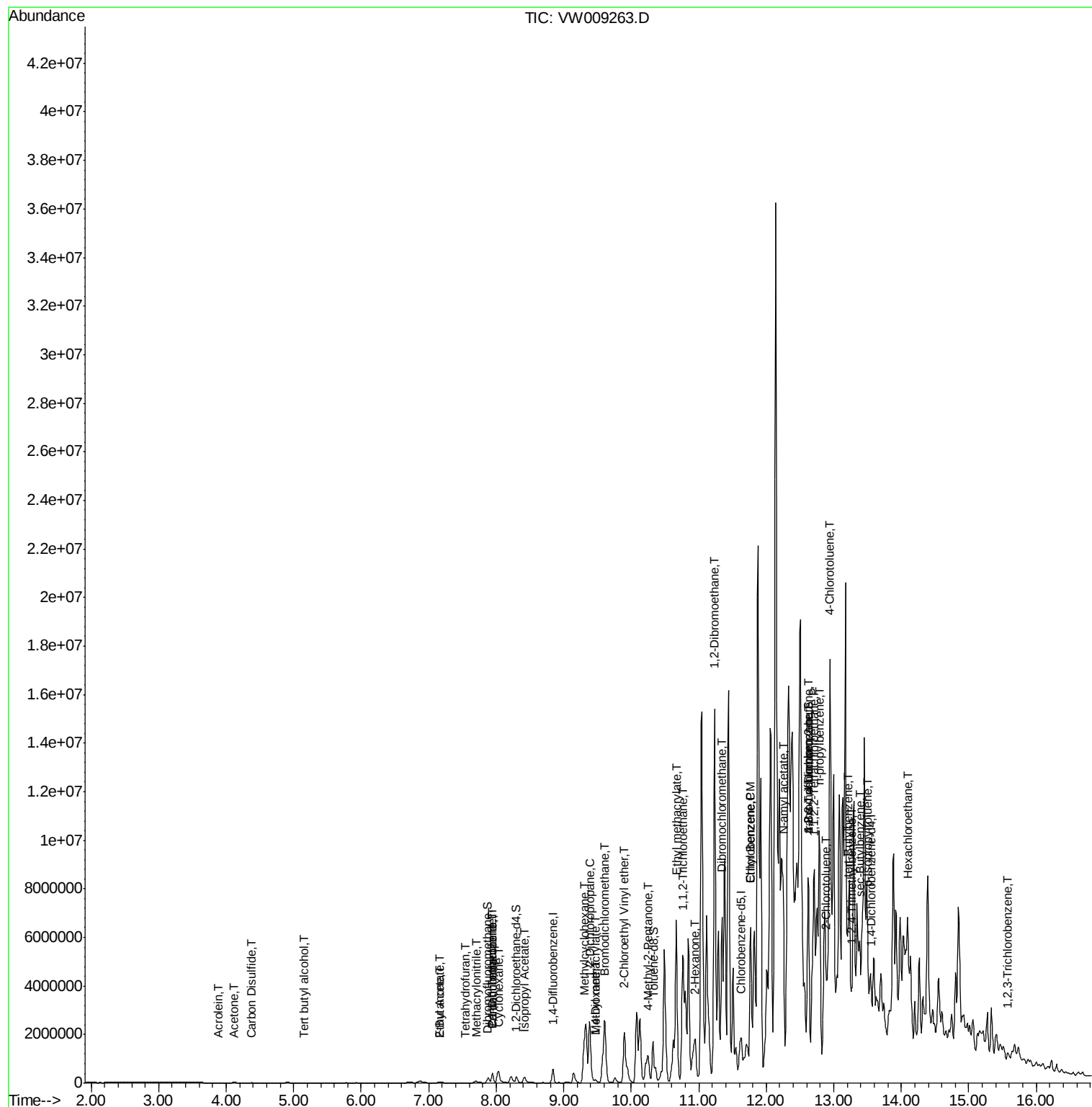
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.94	91	46670	5.278	ug/l #	1
83) tert-Butylbenzene	13.21	119	88418	10.113	ug/l	88
84) 1,2,4-Trimethylbenzene	13.26	105	18165	1.732	ug/l	81
85) sec-Butylbenzene	13.39	105	19207	1.487	ug/l #	56
86) p-Isopropyltoluene	13.51	119	28611	2.487	ug/l #	1
90) Hexachloroethane	14.10	117	43635	19.237	ug/l #	11
96) 1,2,3-Trichlorobenzene	15.58	180	5123	1.616	ug/l #	13

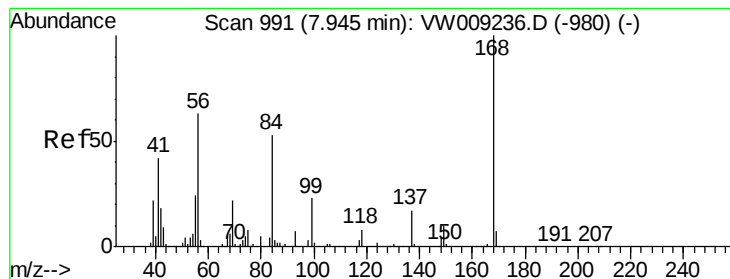
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

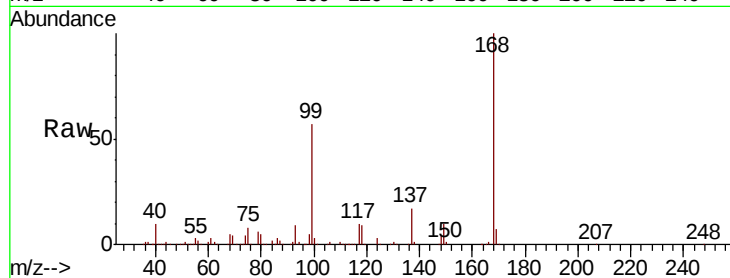
SB-15(6-7)-031519

Tot Ion:168 Resp: 281952

Ion Ratio Lower Upper

168 100

99 56.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

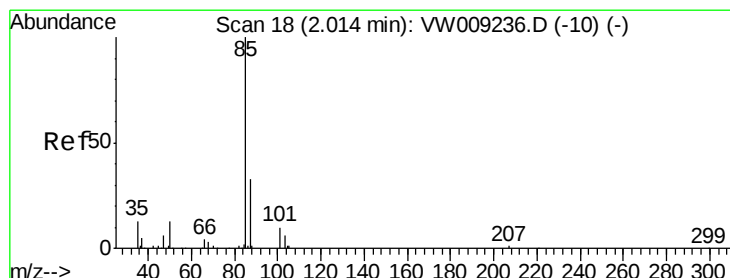
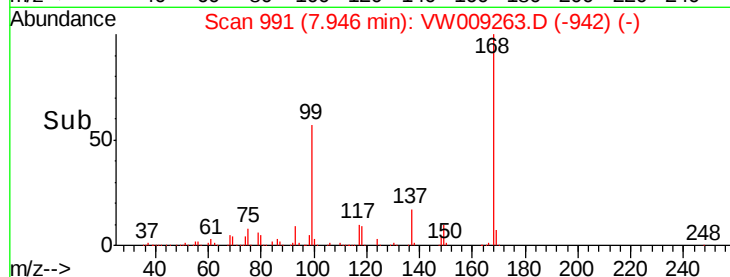
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW009263.D

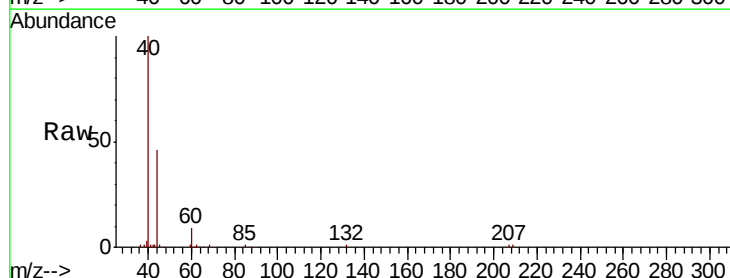
Acq: 20 Mar 2019 03:19

Tgt Ion: 85 Resp: 448

Ion Ratio Lower Upper

85 100

87 34.9 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

200

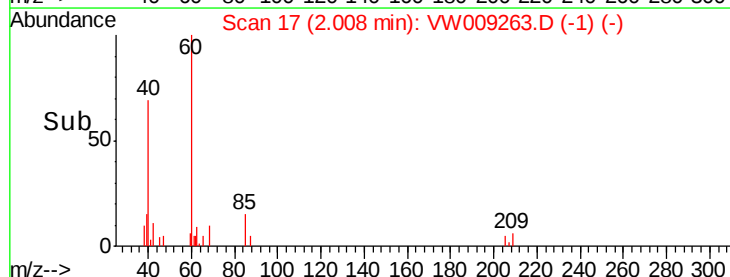
150

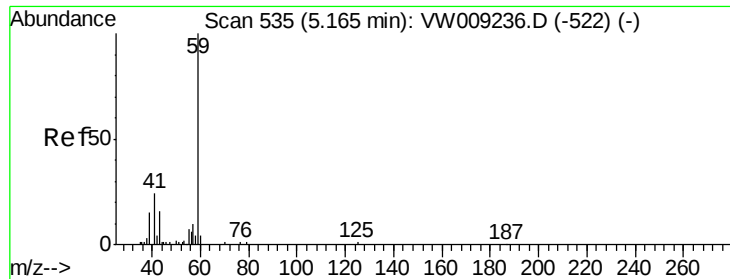
100

50

0

Time--> 1.95 2.00 2.05



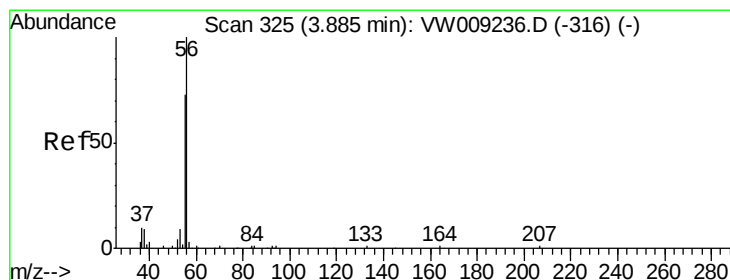
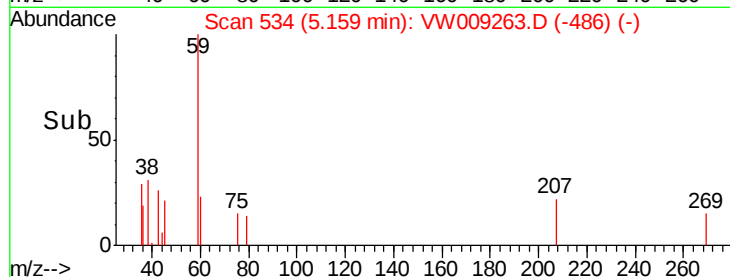
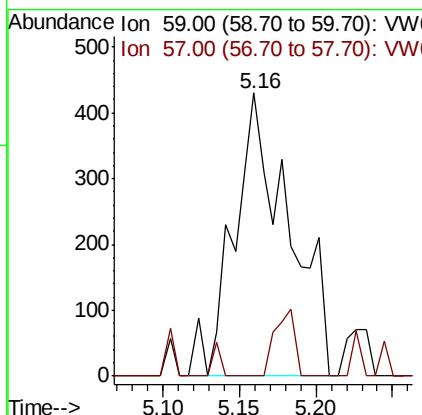
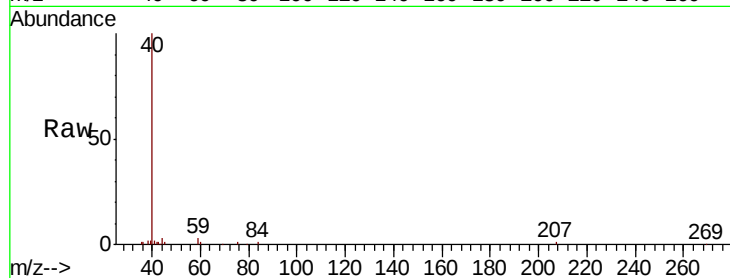


#11

Tert butvl alcohol
 Concen: 6.140 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(6-7)-031519

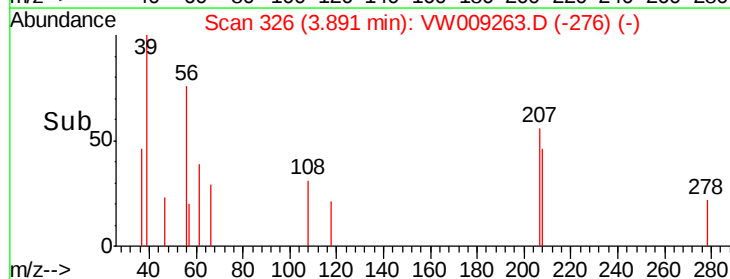
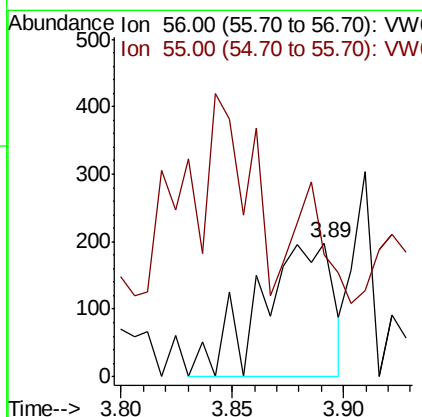
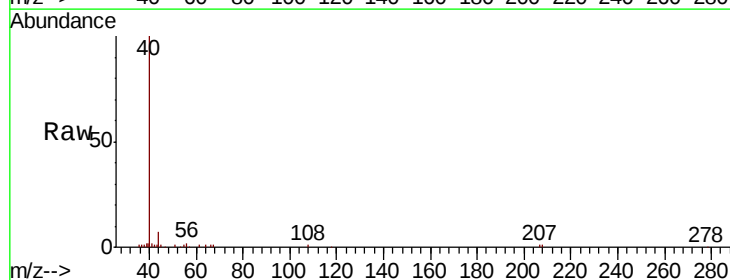
Tot Ion: 59 Resp: 1069
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.4 14.0#

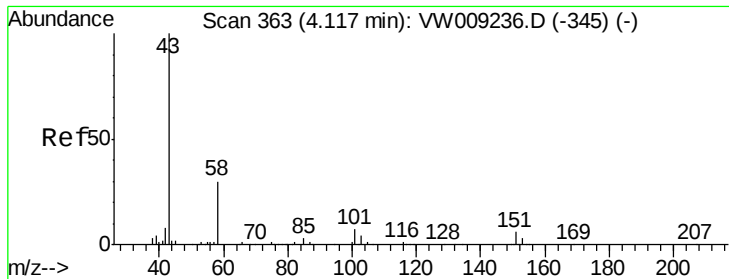


#13

Acrolein
 Concen: 3.173 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

Tgt Ion: 56 Resp: 451
 Ion Ratio Lower Upper
 56 100
 55 35.0 55.2 82.8#





#16

Acetone

Concen: 54.173 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

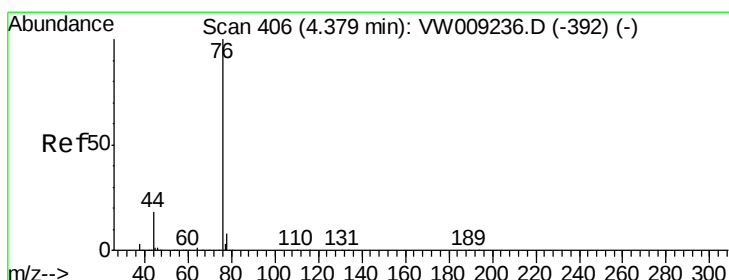
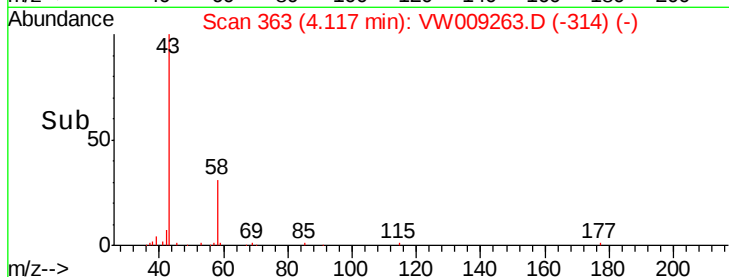
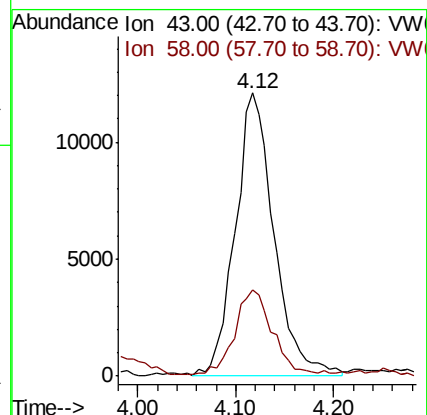
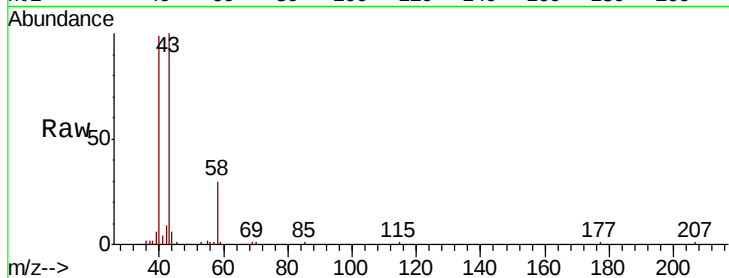
SB-15(6-7)-031519

Tot Ion: 43 Resp: 33333

Ion Ratio Lower Upper

43 100

58 29.8 23.6 35.4



#17

Carbon Disulfide

Concen: 1.003 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009263.D

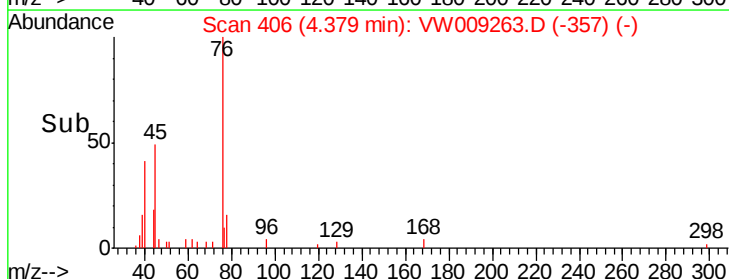
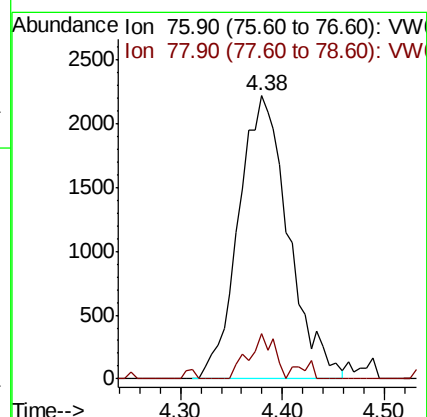
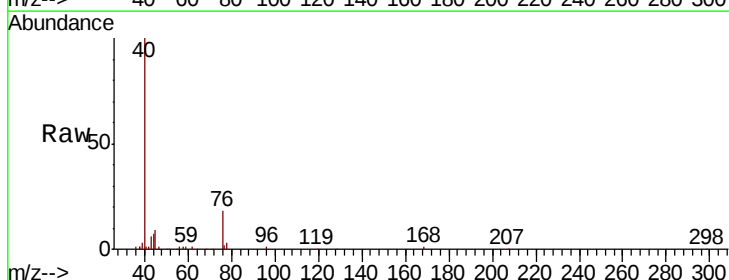
Acq: 20 Mar 2019 03:19

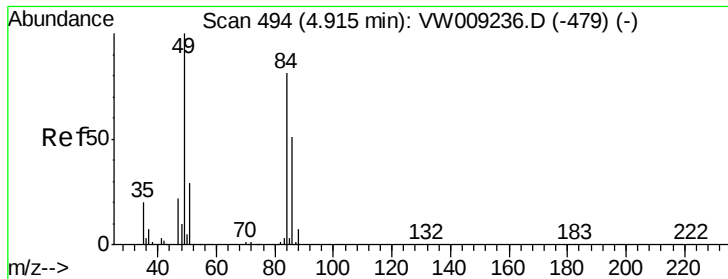
Tgt Ion: 76 Resp: 7523

Ion Ratio Lower Upper

76 100

78 16.2 6.6 9.8#

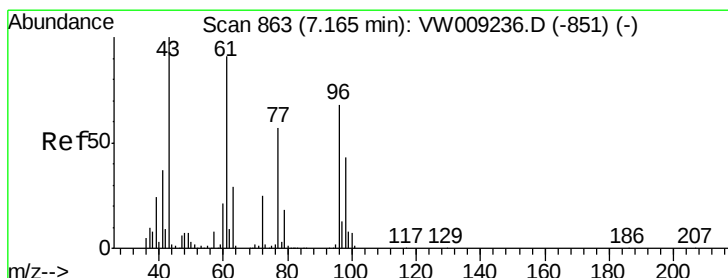
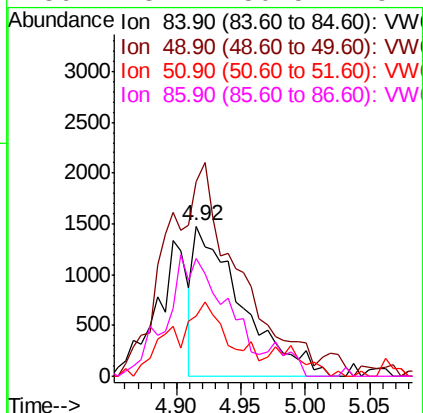
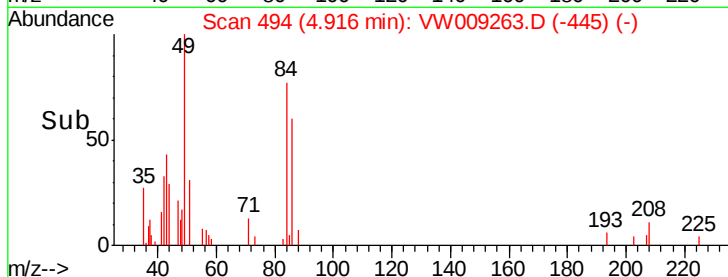
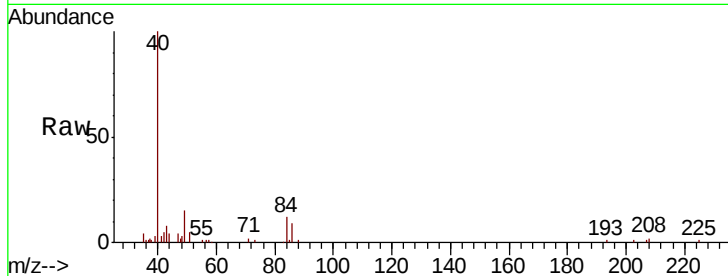




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

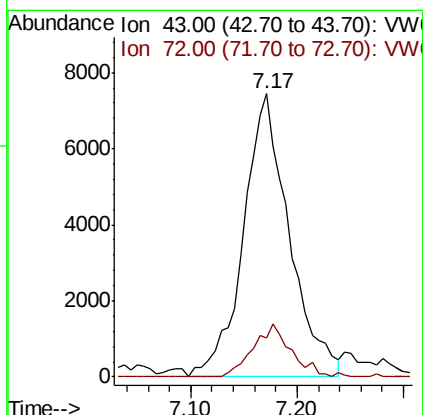
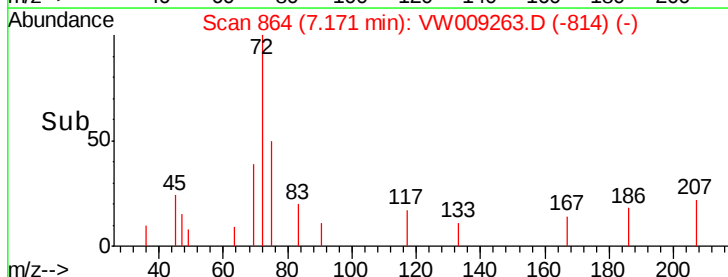
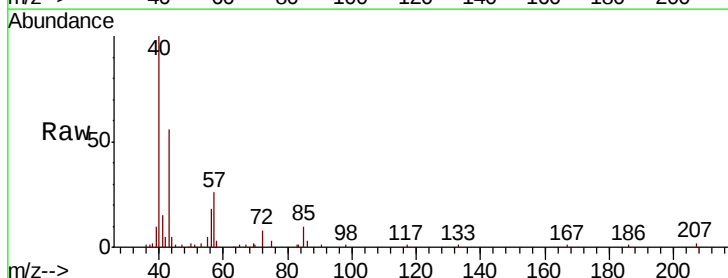
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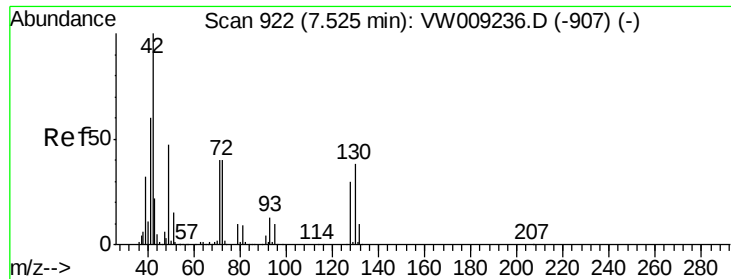
Tot Ion: 84 Resp: 3816
Ion Ratio Lower Upper
84 100
49 115.1 99.1 148.7
51 36.2 28.7 43.1
86 78.2 50.5 75.7#



#25
2-Butanone
Concen: 25.462 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion: 43 Resp: 22449
Ion Ratio Lower Upper
43 100
72 13.7 20.0 30.0#

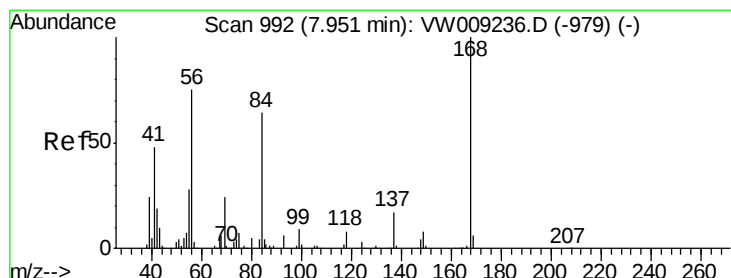
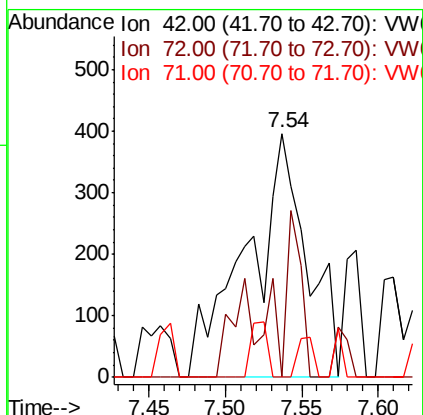
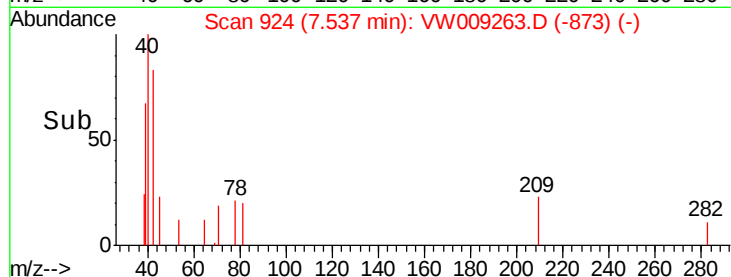
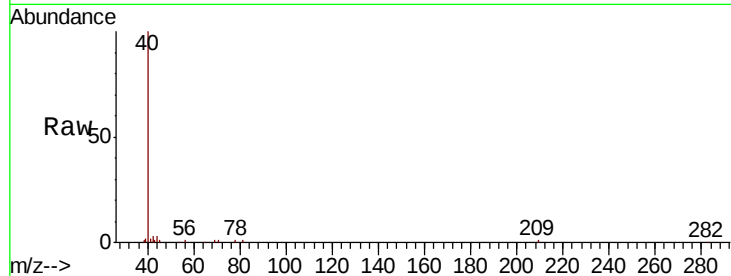




#29
Tetrahydrofuran
Concen: 1.909 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

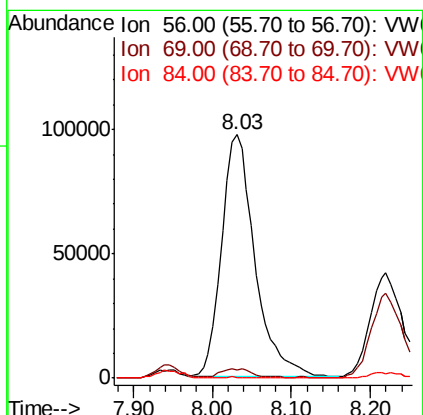
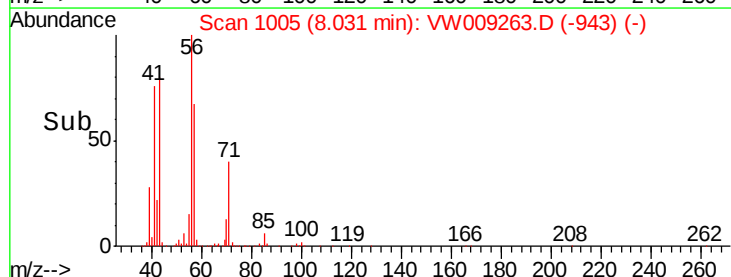
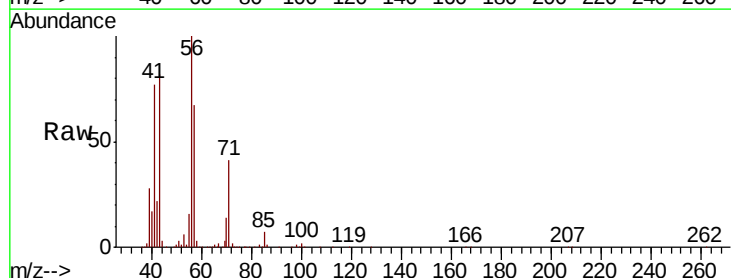
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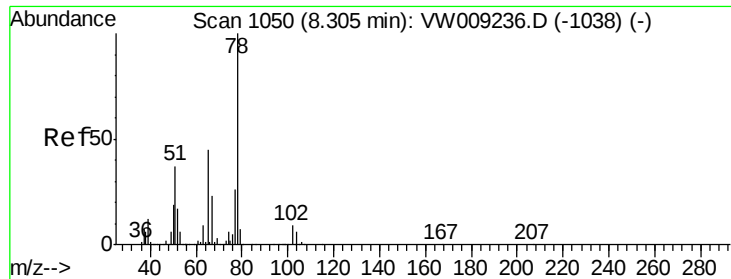
Tot Ion: 42 Resp: 1070
Ion Ratio Lower Upper
42 100
72 20.9 32.4 48.6#
71 0.0 30.1 45.1#



#31
Cyclohexane
Concen: 58.192 ug/l
RT: 8.03 min Scan# 1005
Delta R.T. 0.08 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion: 56 Resp: 286339
Ion Ratio Lower Upper
56 100
69 3.3 26.1 39.1#
84 0.4 68.6 103.0#

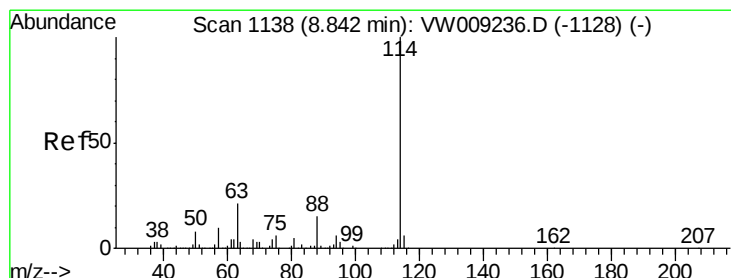
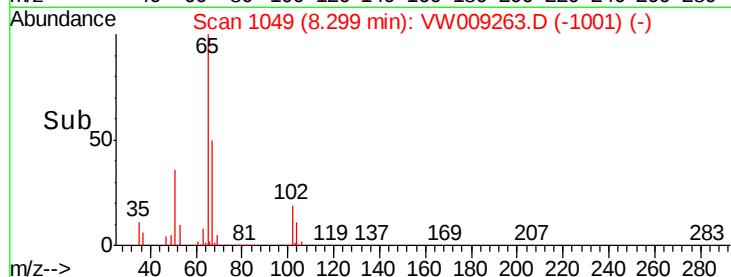
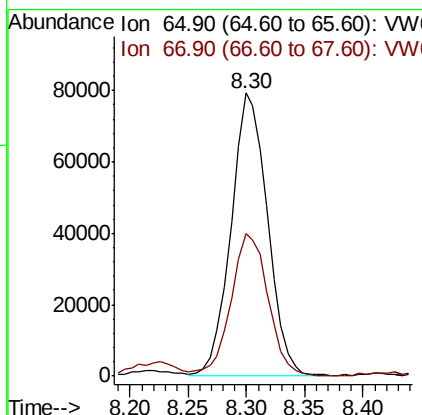
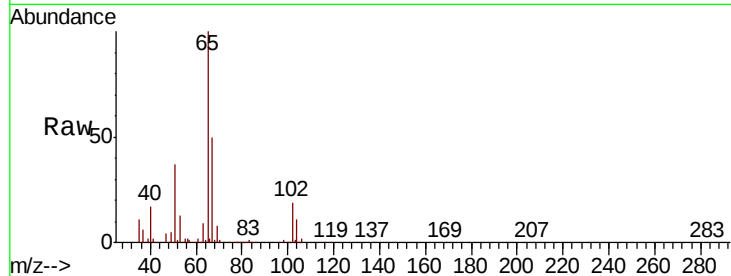




#33
 1,2-Dichloroethane-d4
 Concen: 57.198 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

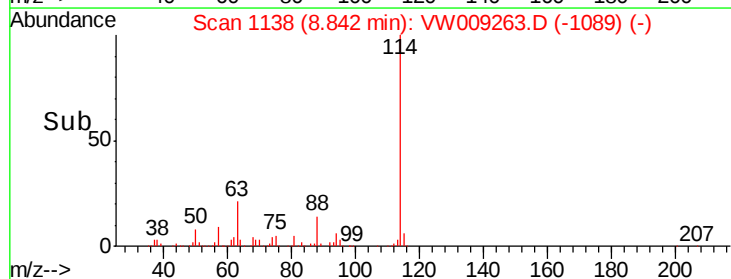
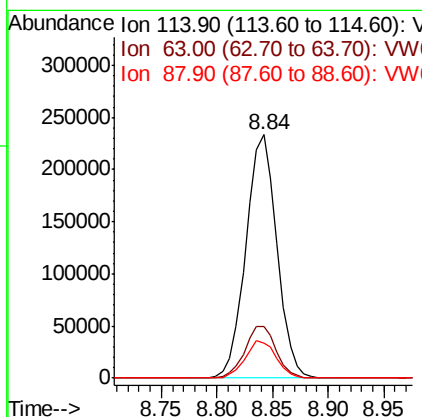
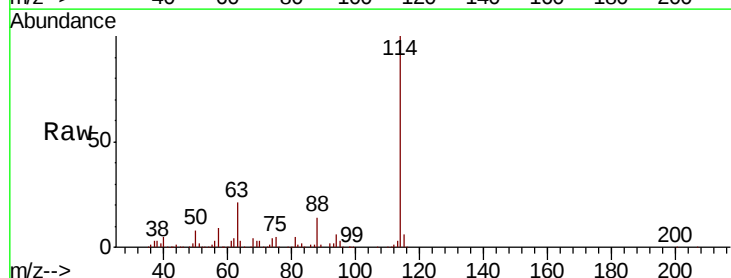
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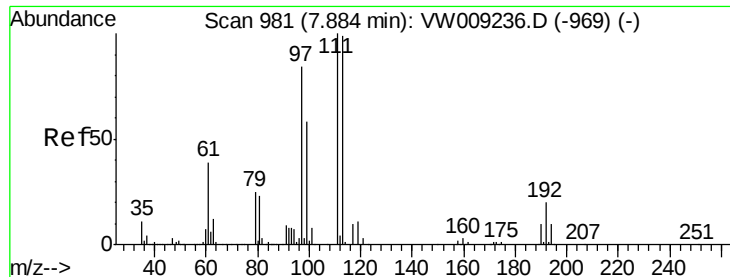
Tot Ion: 65 Resp: 171541
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

Tgt Ion: 114 Resp: 452709
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 14.4 0.0 30.8

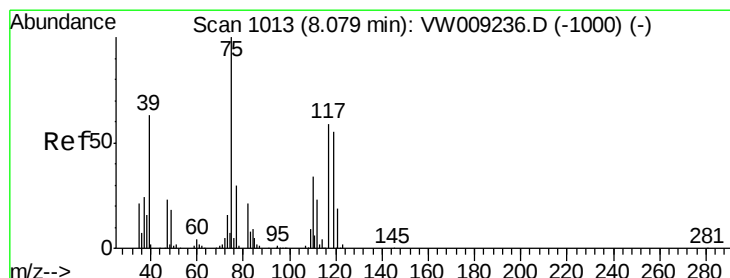
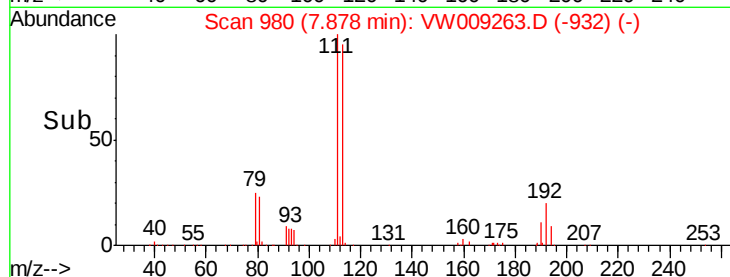
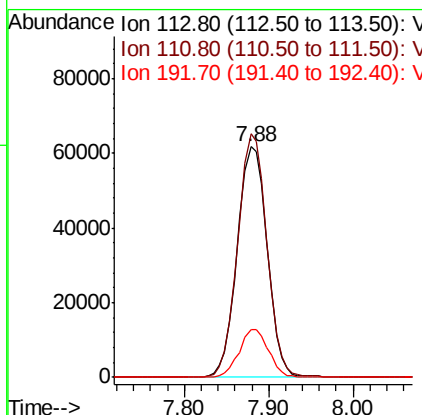
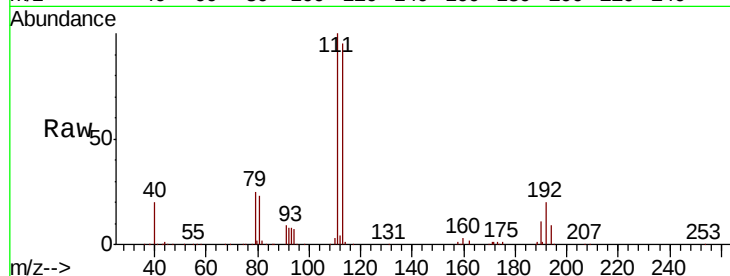




#35
 Dibromofluoromethane
 Concen: 51.757 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

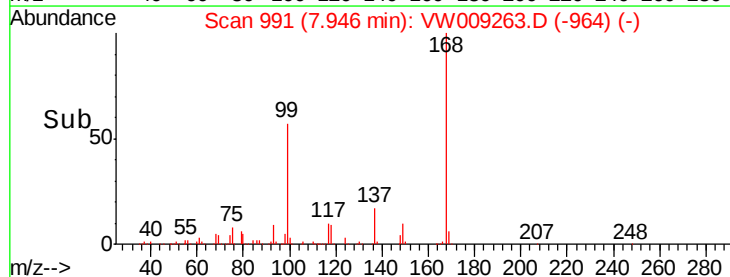
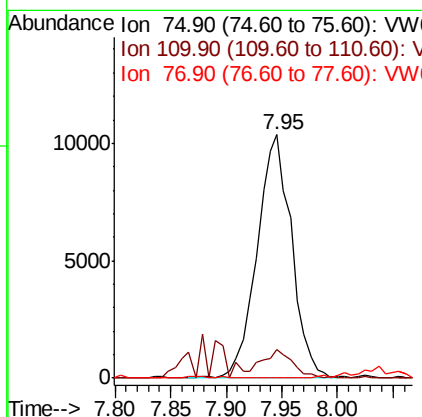
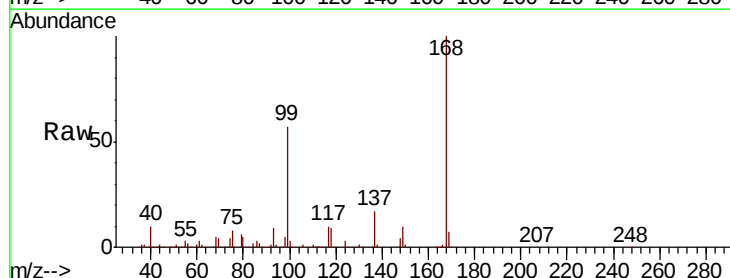
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(6-7)-031519

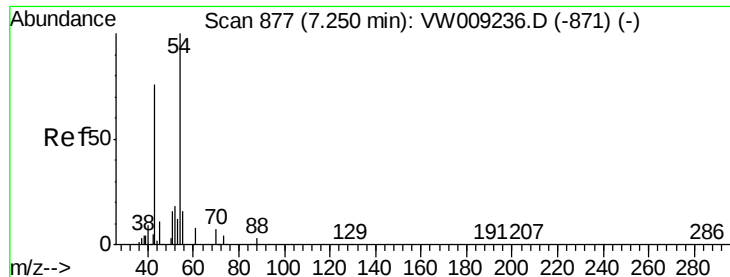
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	20.3	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 4.970 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.8	50.4#
77	0.0	24.6	36.8#

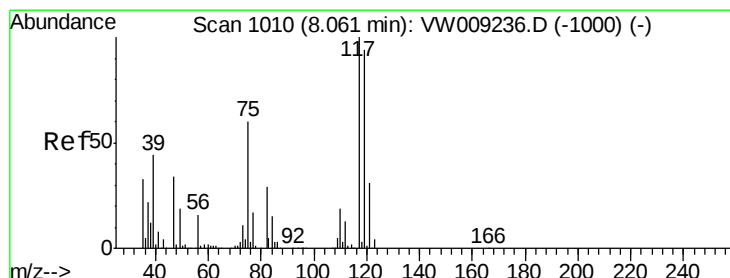
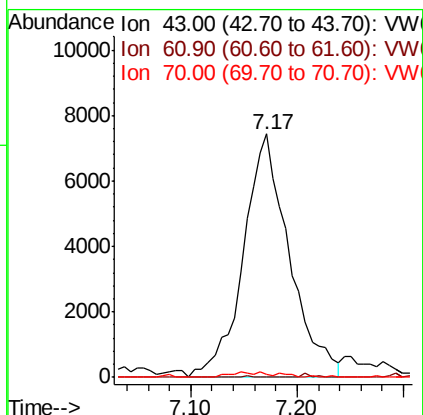
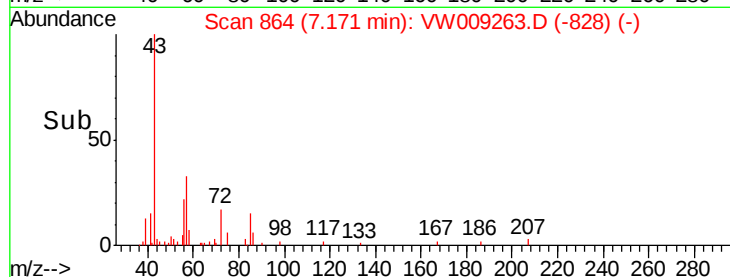
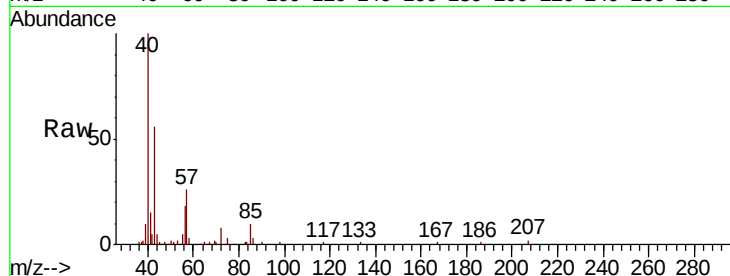




#37
Ethyl Acetate
Concen: 10.921 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.08 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

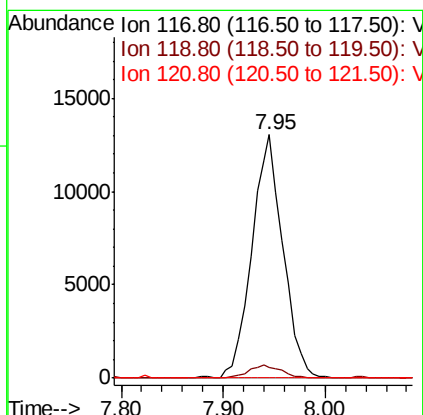
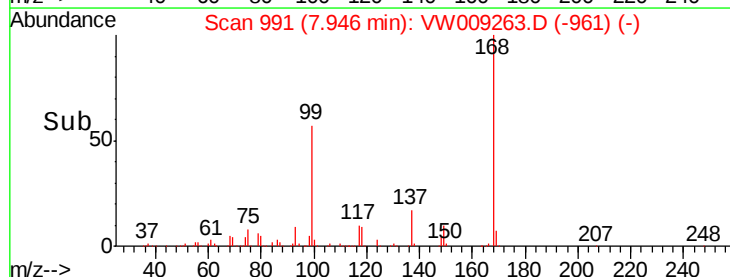
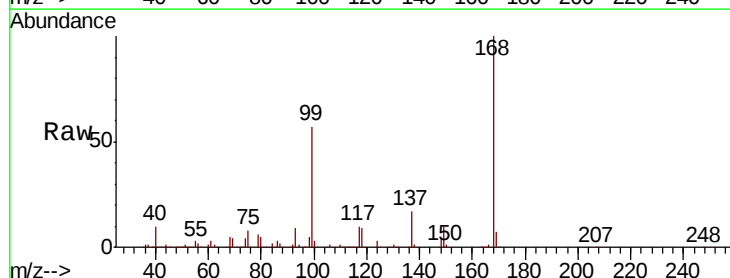
Instrument :
MSVOA_W
ClientSampleId :
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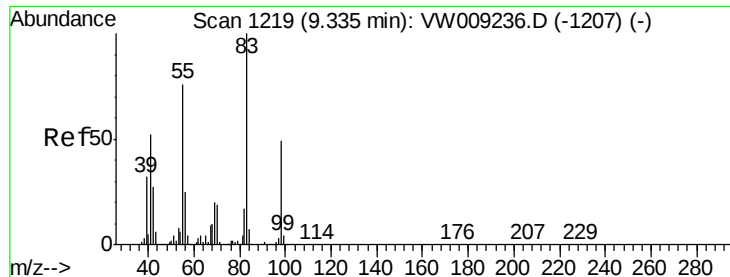
Tot Ion: 43 Resp: 22449
Ion Ratio Lower Upper
43 100
61 0.1 10.0 15.0#
70 1.6 7.3 10.9#



#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion: 117 Resp: 27588
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 24.9 37.3#

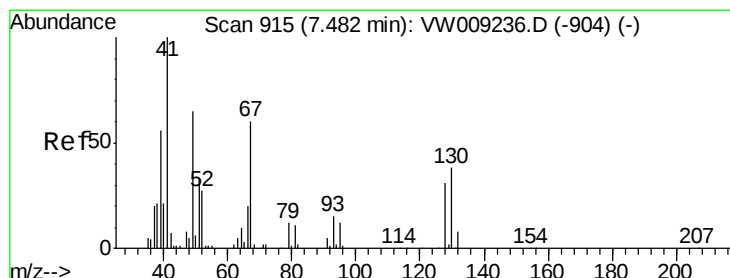
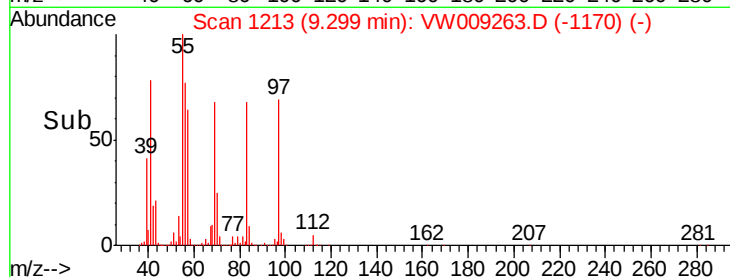
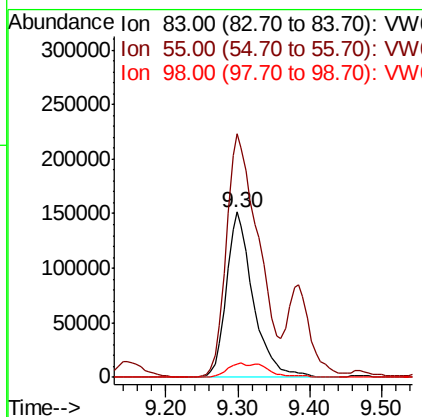
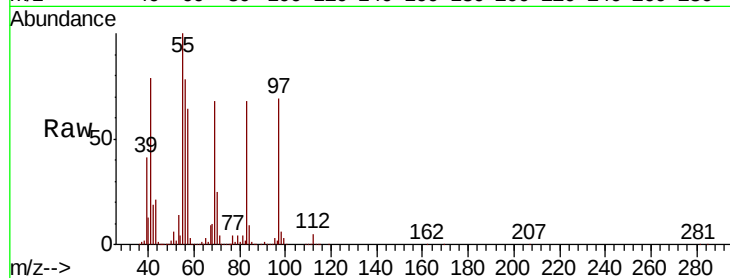




#39
Methylcyclohexane
Concen: 75.387 ug/l
RT: 9.30 min Scan# 1213
Delta R.T. -0.04 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

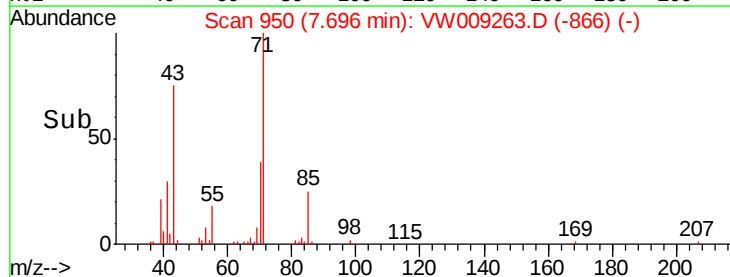
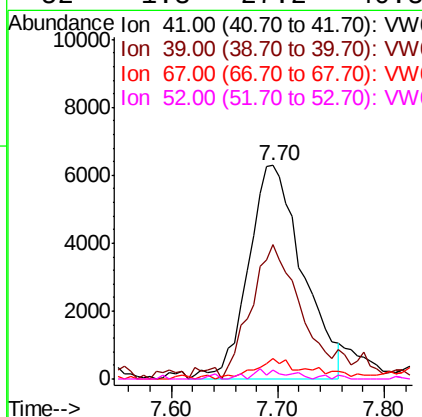
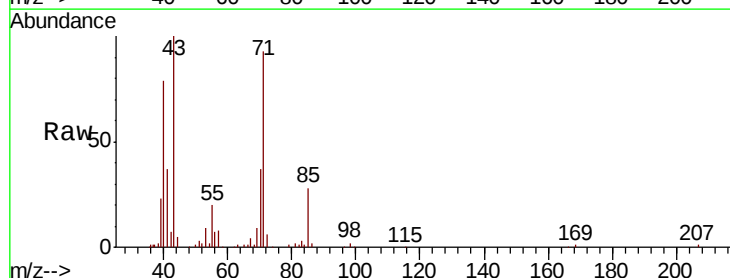
Instrument :
MSVOA_W
ClientSampleId :
SB-15(6-7)-031519

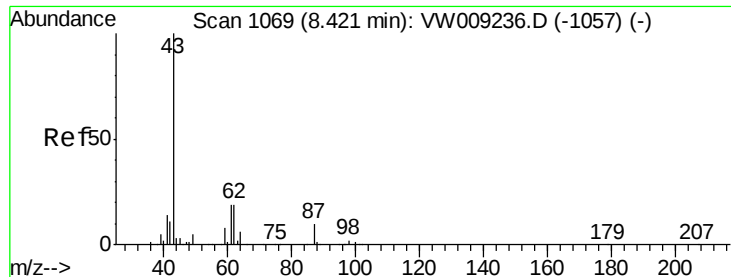
Tot Ion: 83 Resp: 392915
Ion Ratio Lower Upper
83 100
55 147.1 61.1 91.7#
98 8.4 39.0 58.4#



#41
Methacrylonitrile
Concen: 20.124 ug/l
RT: 7.70 min Scan# 950
Delta R.T. 0.21 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion: 41 Resp: 22296
Ion Ratio Lower Upper
41 100
39 56.8 52.5 78.7
67 6.4 56.6 84.8#
52 1.3 27.2 40.8#





#43

Isopropyl Acetate

Concen: 42.983 ug/l

RT: 8.41 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

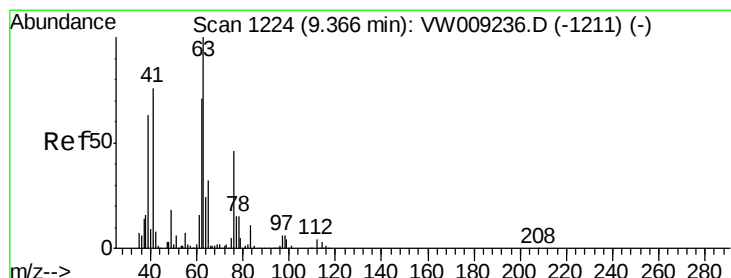
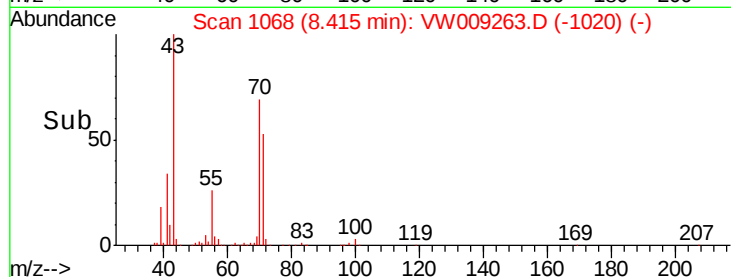
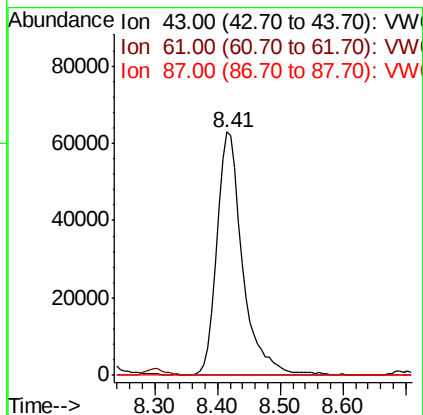
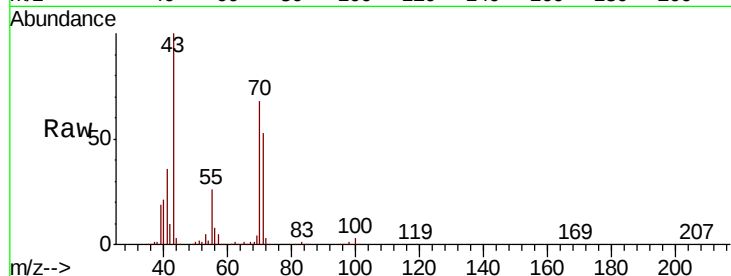
Tot Ion: 43 Resp: 176930

Ion Ratio Lower Upper

43 100

61 0.1 22.2 33.2#

87 0.0 9.6 14.4#



#45

1,2-Dichloropropane

Concen: 1.335 ug/l

RT: 9.38 min Scan# 1227

Delta R.T. 0.02 min

Lab File: VW009263.D

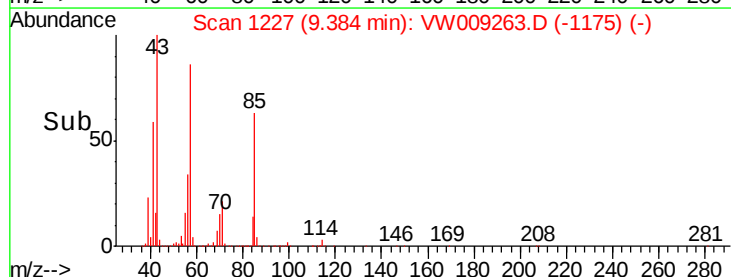
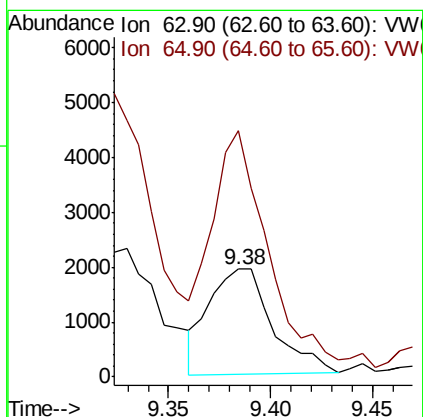
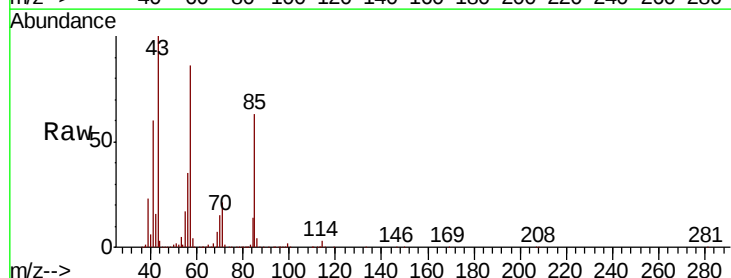
Acq: 20 Mar 2019 03:19

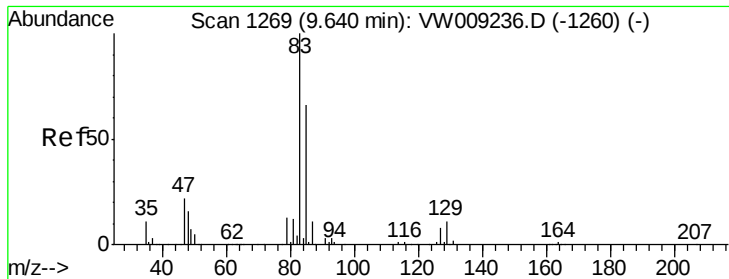
Tgt Ion: 63 Resp: 4146

Ion Ratio Lower Upper

63 100

65 220.6 25.8 38.8#





#47

Bromodichloromethane

Concen: 15.808 ug/l

RT: 9.61 min Scan# 1264

Delta R.T. -0.03 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

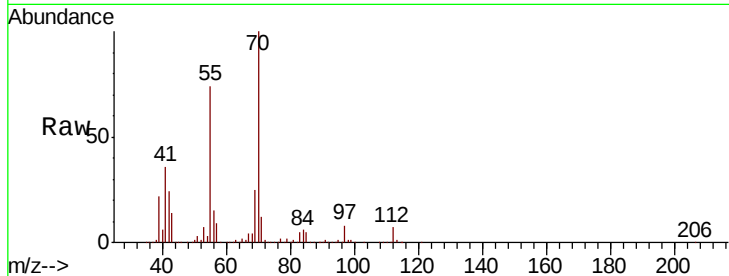
Tot Ion: 83 Resp: 68220

Ion Ratio Lower Upper

83 100

85 107.6 52.6 79.0#

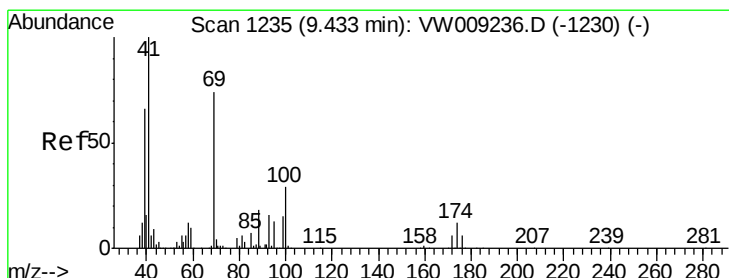
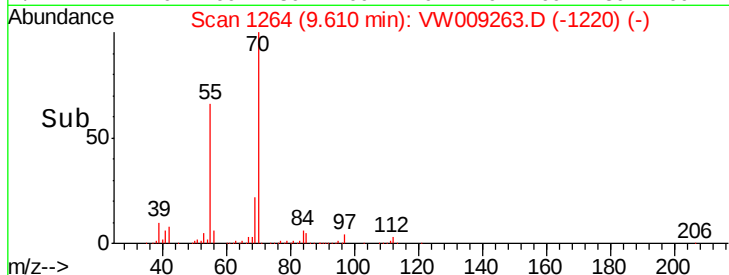
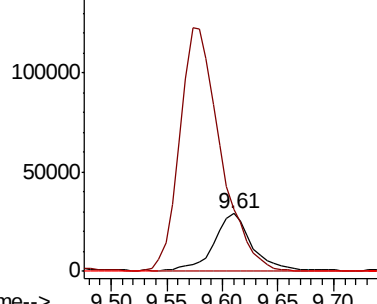
127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.011 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.04 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

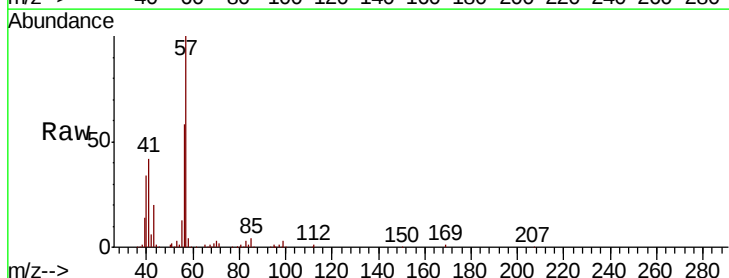
Tgt Ion: 41 Resp: 36230

Ion Ratio Lower Upper

41 100

69 0.0 63.0 94.6#

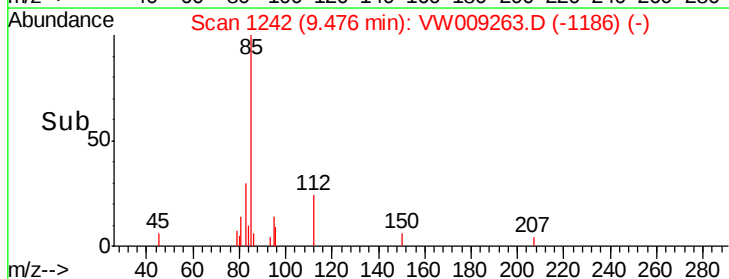
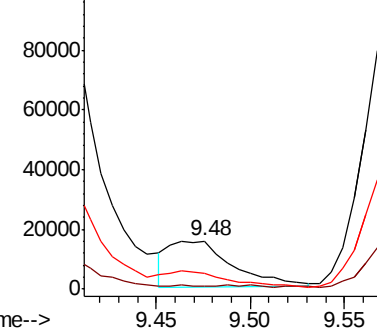
39 37.3 57.2 85.8#

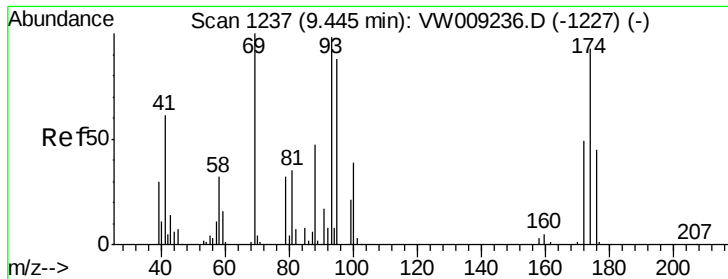


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1.019 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

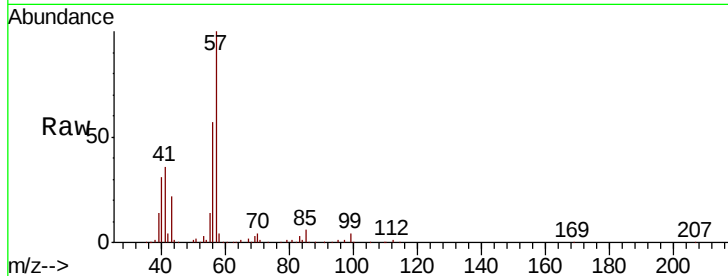
Tot Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 0.0 29.7 44.5#

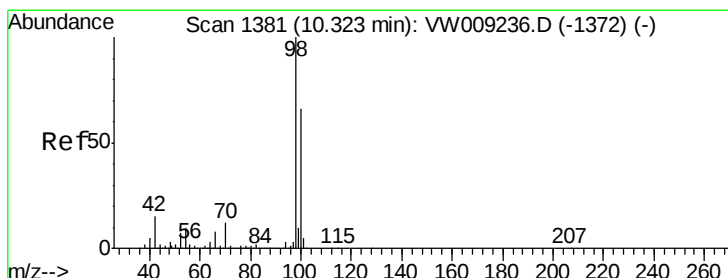
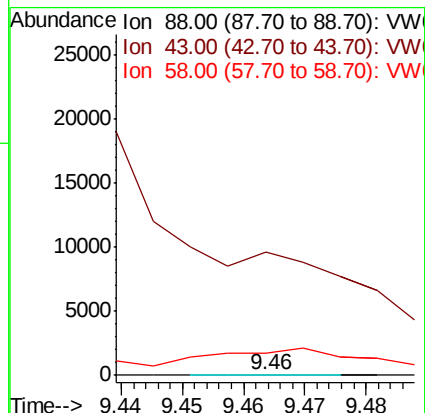
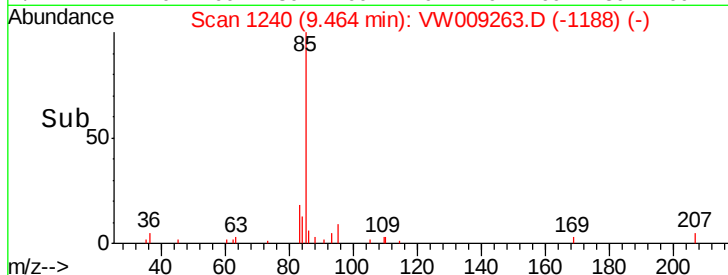
58 17514.8 58.1 87.1#



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: 55.427 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009263.D

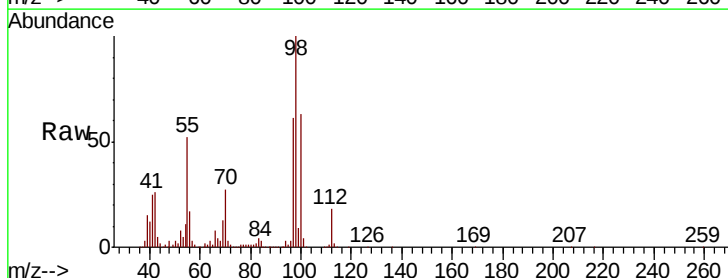
Acq: 20 Mar 2019 03:19

Tgt Ion: 98 Resp: 578443

Ion Ratio Lower Upper

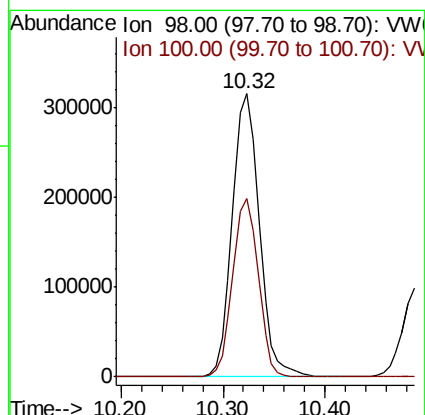
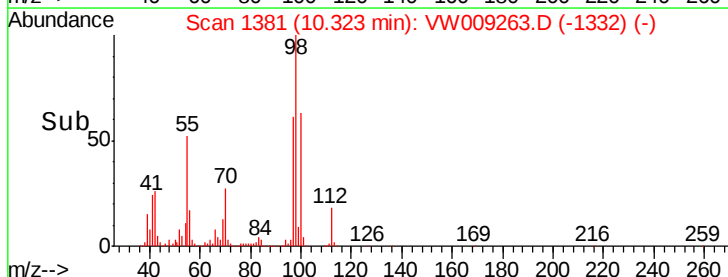
98 100

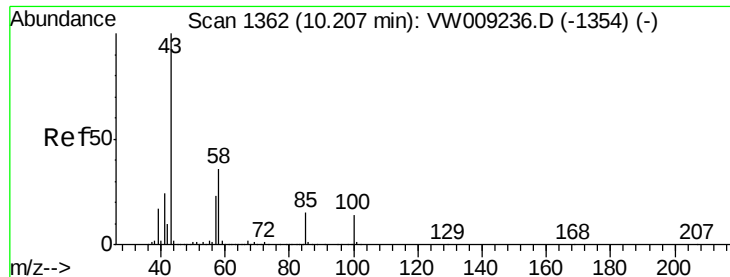
100 59.6 52.6 79.0



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: 57.929 ug/l

RT: 10.25 min Scan# 1369

Delta R.T. 0.04 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

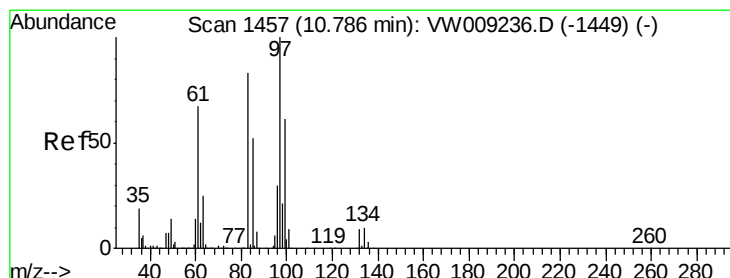
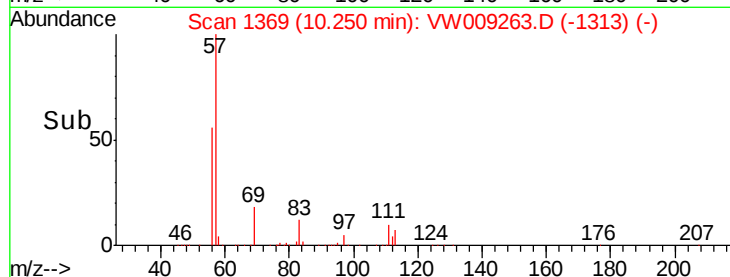
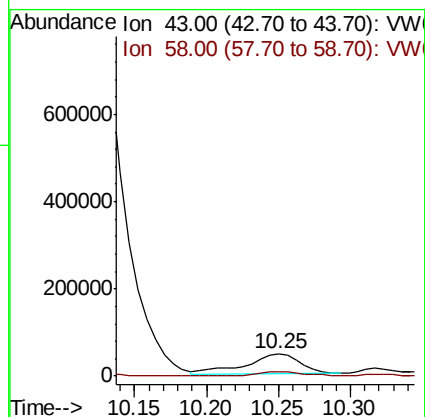
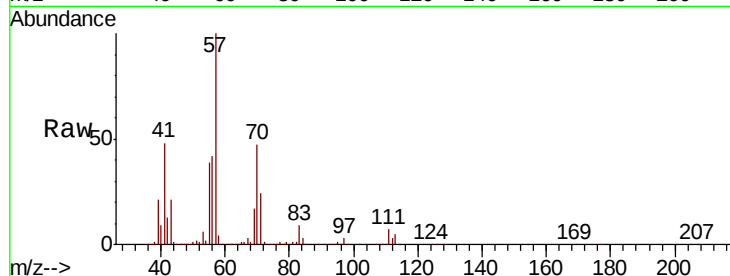
SB-15(6-7)-031519

Tot Ion: 43 Resp: 124270

Ion Ratio Lower Upper

43 100

58 18.8 28.6 42.8#



#55

1,1,2-Trichloroethane

Concen: 804.188 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Tgt Ion: 97 Resp: 1859596

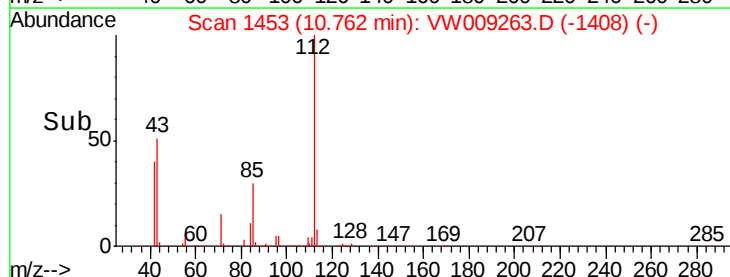
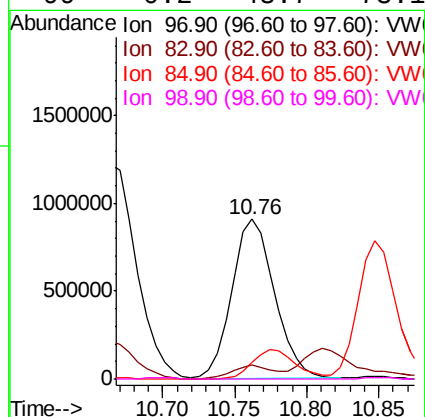
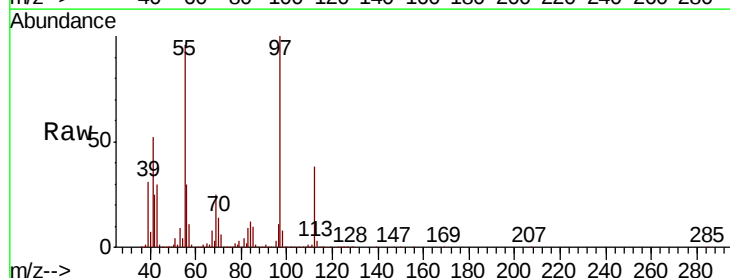
Ion Ratio Lower Upper

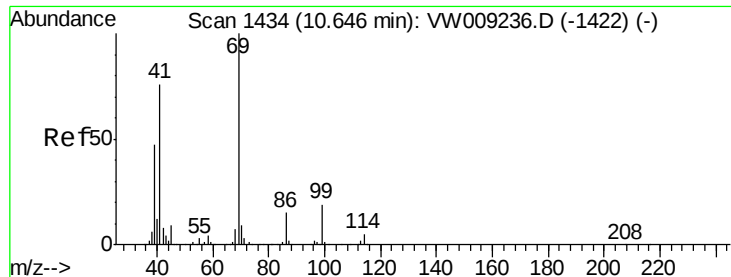
97 100

83 8.5 66.3 99.5#

85 10.1 41.4 62.2#

99 0.2 48.7 73.1#





#56

Ethyl methacrylate

Concen: 260.916 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

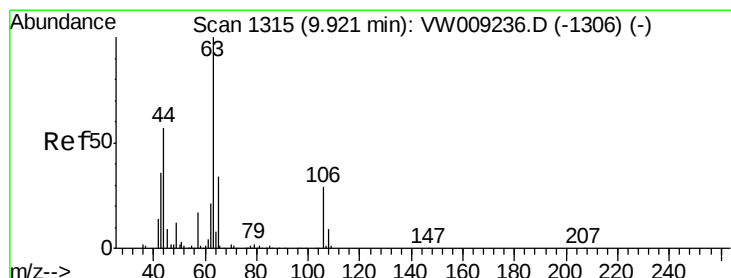
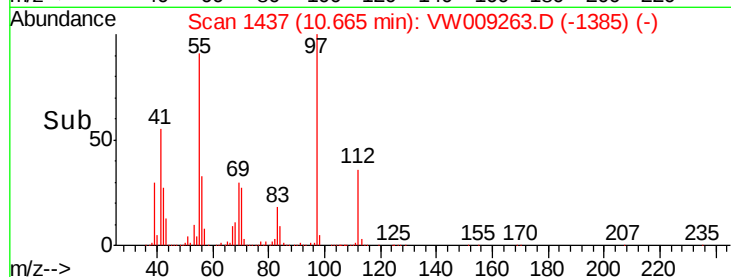
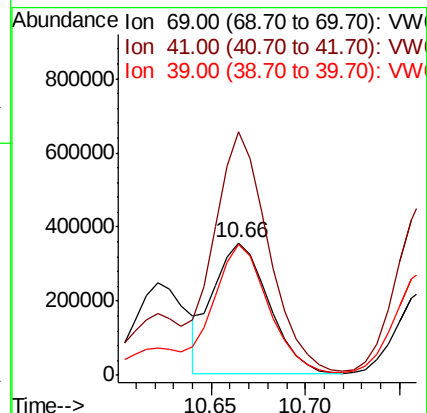
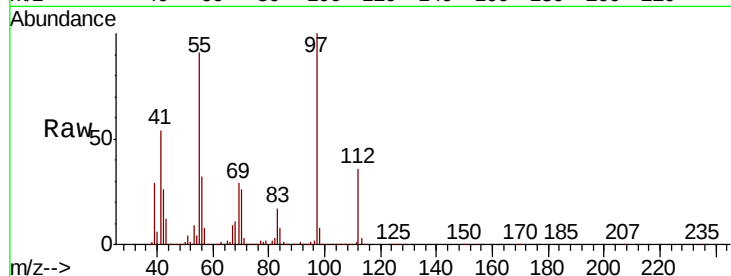
Tot Ion: 69 Resp: 718430

Ion Ratio Lower Upper

69 100

41 180.3 59.3 88.9#

39 96.7 36.2 54.2#



#58

2-Chloroethyl Vinyl ether

Concen: 4.725 ug/l

RT: 9.90 min Scan# 1312

Delta R.T. -0.02 min

Lab File: VW009263.D

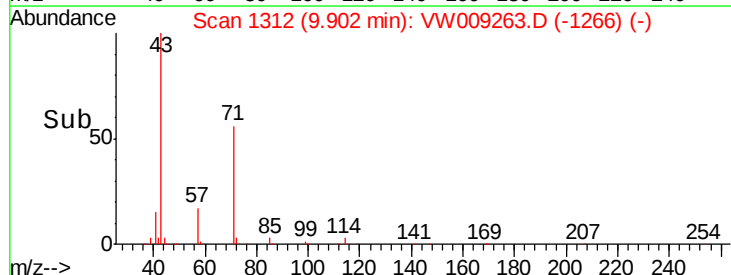
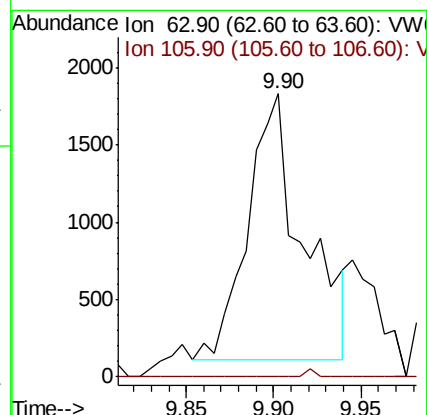
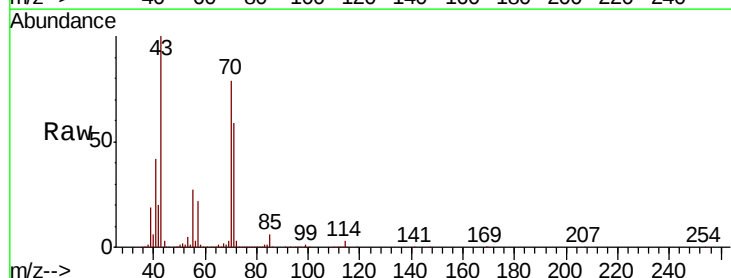
Acq: 20 Mar 2019 03:19

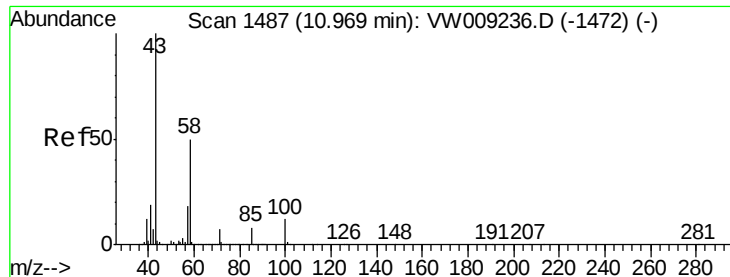
Tgt Ion: 63 Resp: 3807

Ion Ratio Lower Upper

63 100

106 0.5 22.9 34.3#





#59

2-Hexanone

Concen: 575.696 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

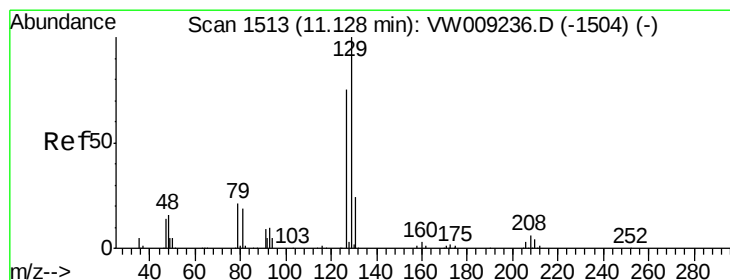
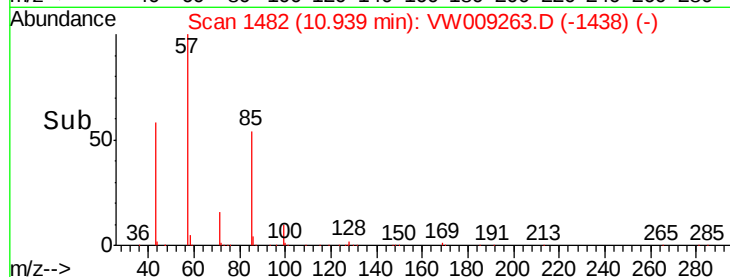
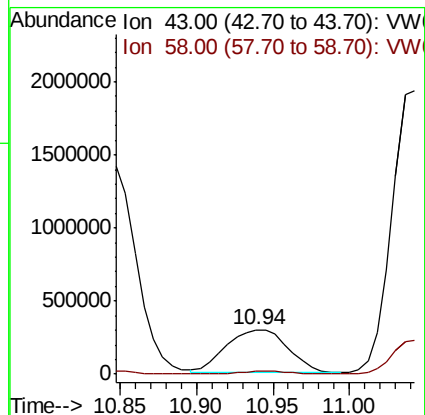
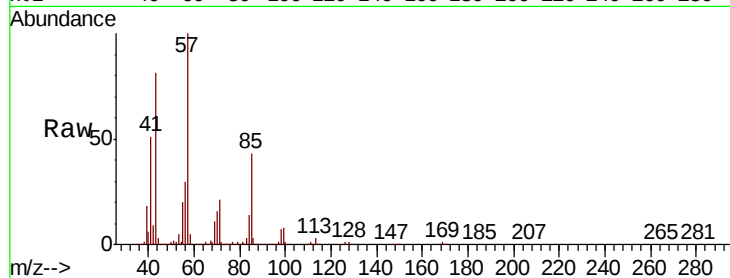
SB-15(6-7)-031519

Tot Ion: 43 Resp: 838441

Ion Ratio Lower Upper

43 100

58 5.6 24.2 72.6#



#60

Dibromochloromethane

Concen: 1.934 ug/l

RT: 11.35 min Scan# 1549

Delta R.T. 0.22 min

Lab File: VW009263.D

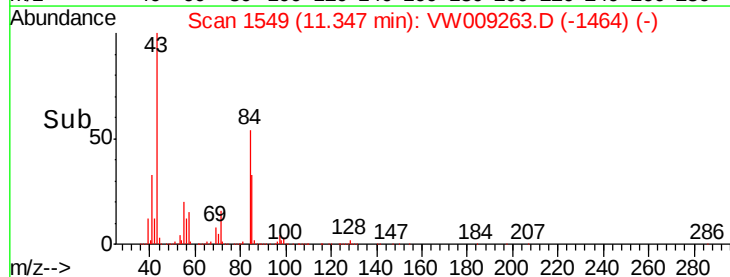
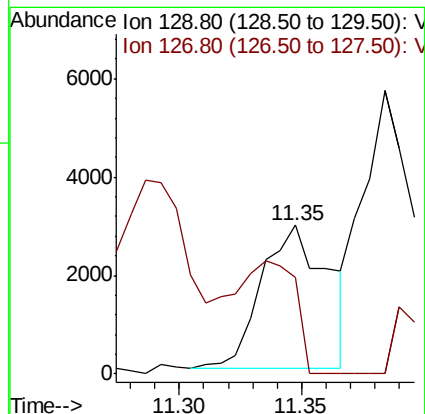
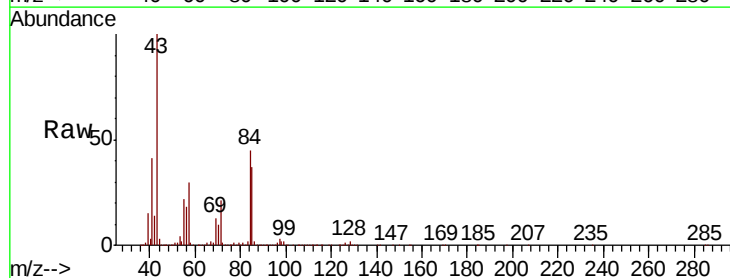
Acq: 20 Mar 2019 03:19

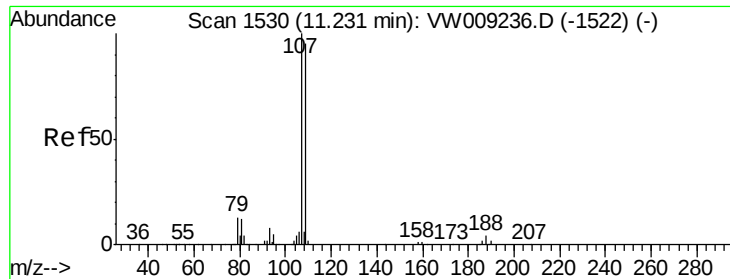
Tgt Ion: 129 Resp: 5525

Ion Ratio Lower Upper

129 100

127 66.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 1.769 ug/l

RT: 11.23 min Scan# 1529

Delta R.T. -0.01 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

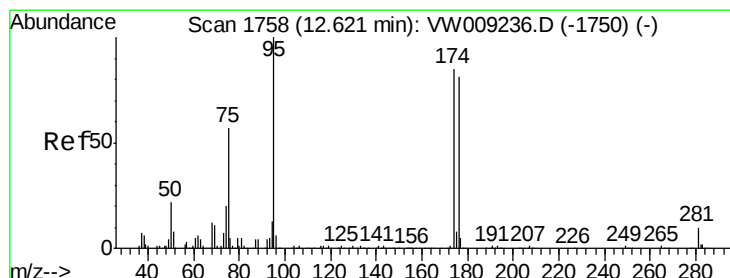
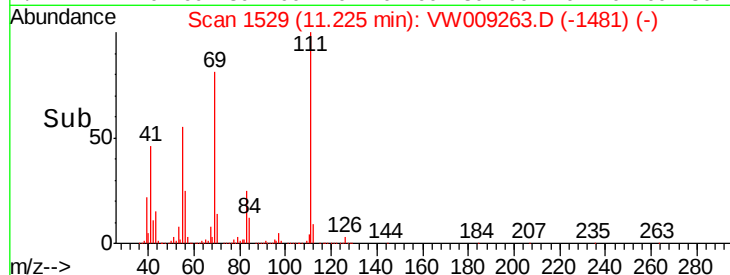
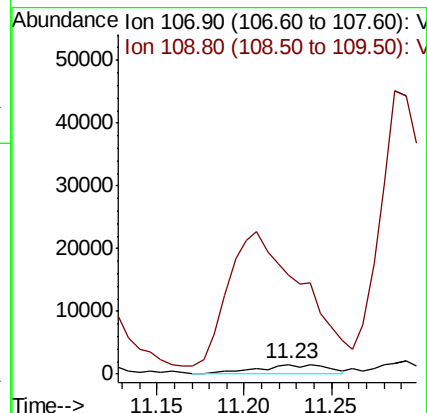
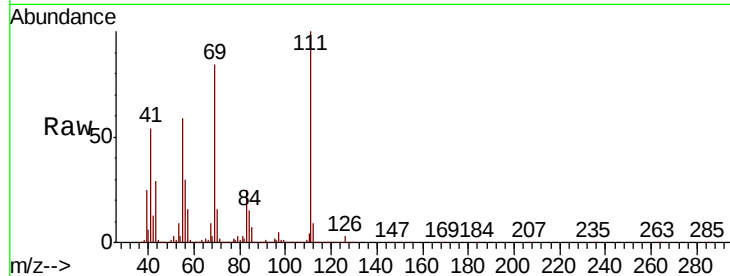
SB-15(6-7)-031519

Tot Ion:107 Resp: 3897

Ion Ratio Lower Upper

107 100

109 1621.7 75.1 112.7#



#62

4-Bromofluorobenzene

Concen: 176.813 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

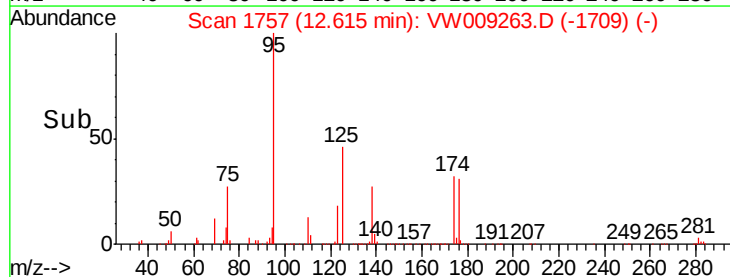
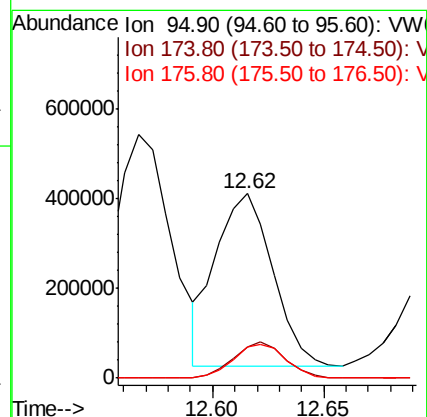
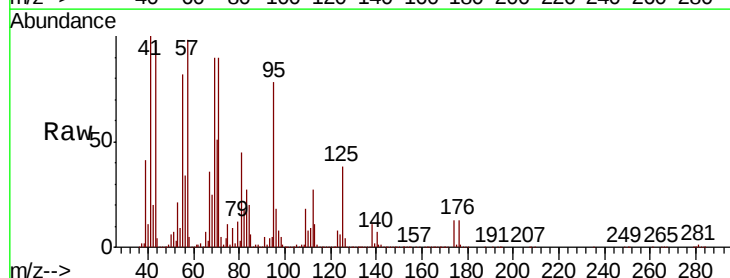
Tgt Ion: 95 Resp: 677510

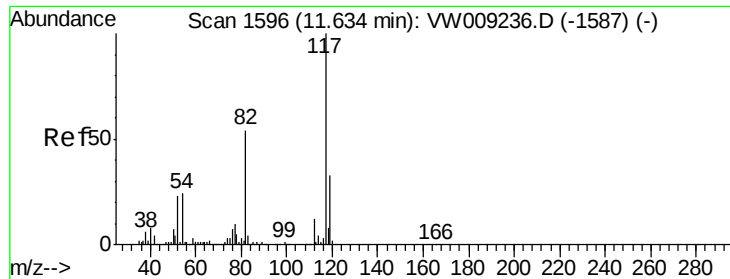
Ion Ratio Lower Upper

95 100

174 18.8 0.0 168.4

176 18.3 0.0 161.6

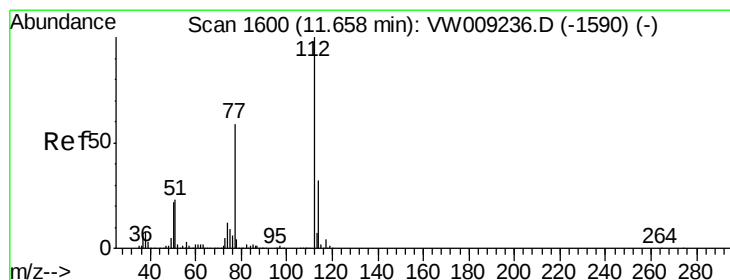
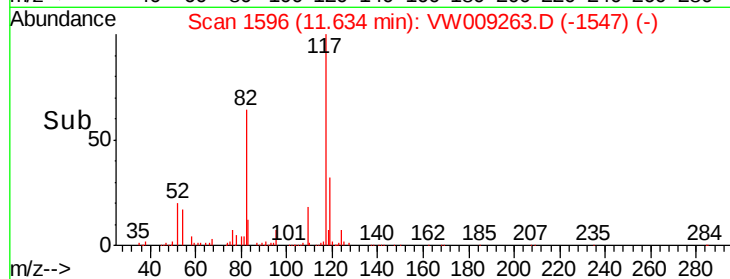
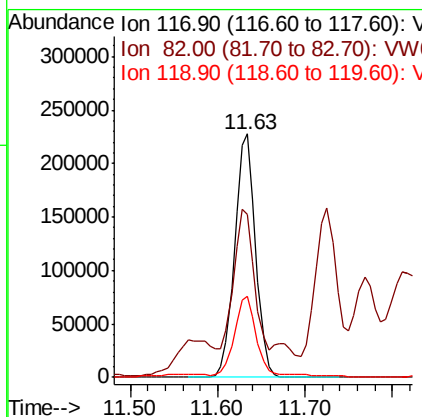
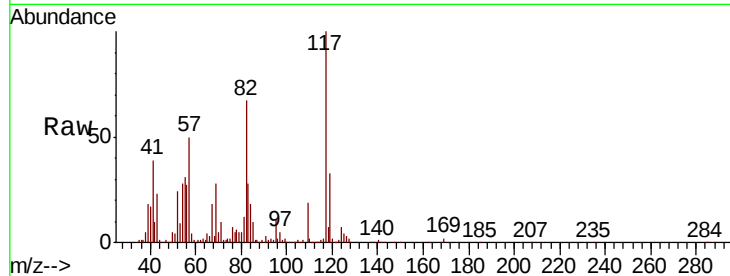




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

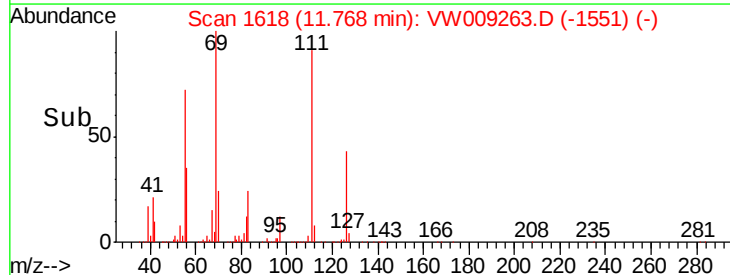
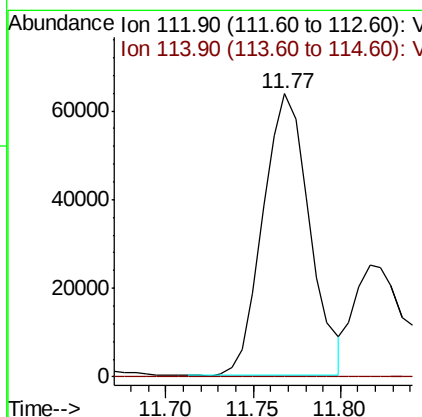
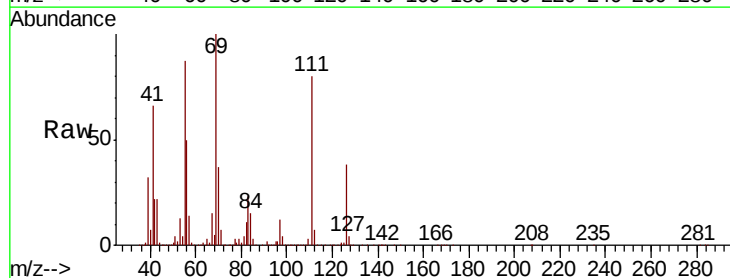
Instrument :
MSVOA_W
ClientSampleId :
SB-15(6-7)-031519

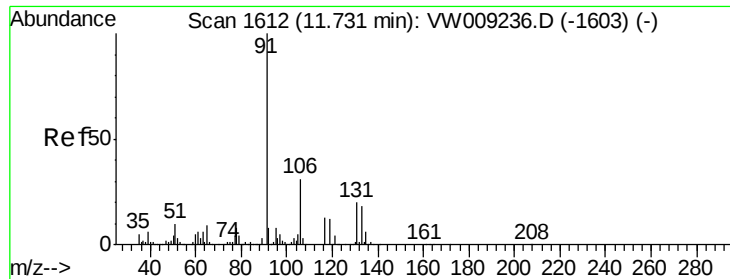
Tot Ion:117 Resp: 379059
Ion Ratio Lower Upper
117 100
82 51.5 43.6 65.4
119 32.8 26.0 39.0



#65
Chlorobenzene
Concen: 15.090 ug/l
RT: 11.77 min Scan# 1618
Delta R.T. 0.11 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion:112 Resp: 118294
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#





#67

Ethyl Benzene

Concen: 1.687 ug/l

RT: 11.77 min Scan# 1618

Delta R.T. 0.04 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

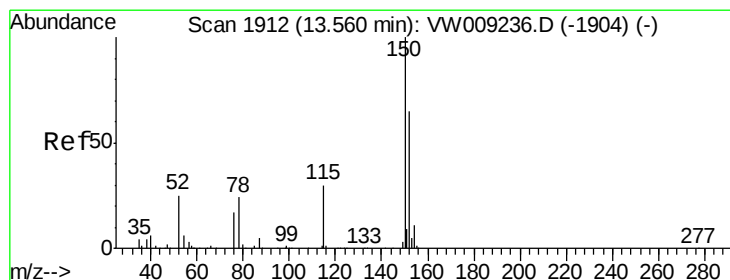
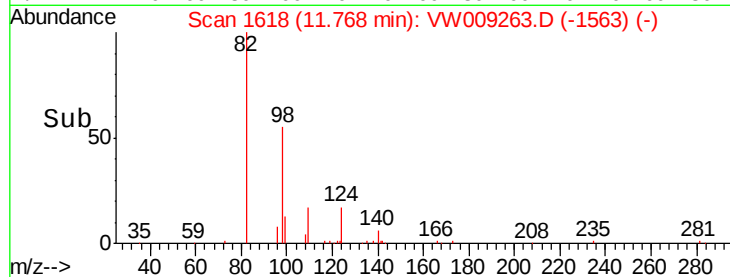
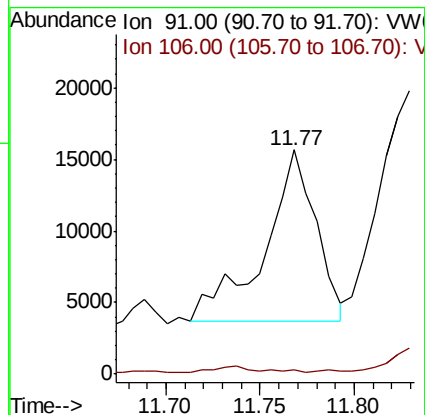
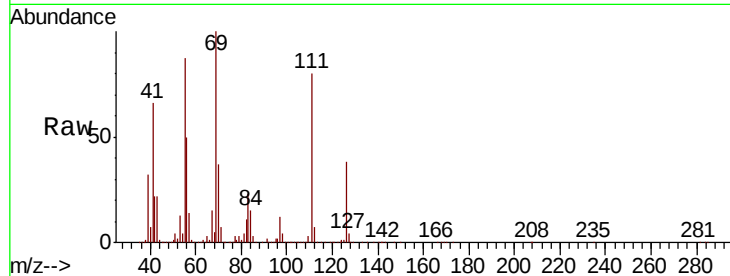
SB-15(6-7)-031519

Tot Ion: 91 Resp: 22909

Ion Ratio Lower Upper

91 100

106 1.4 24.6 36.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

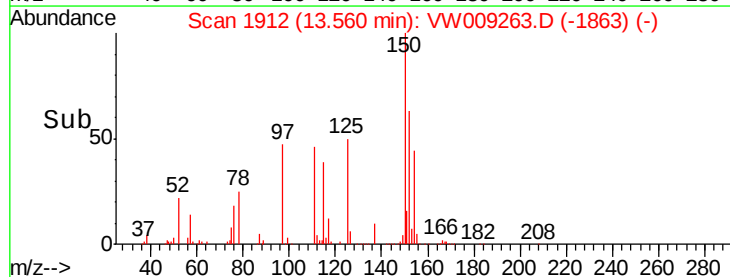
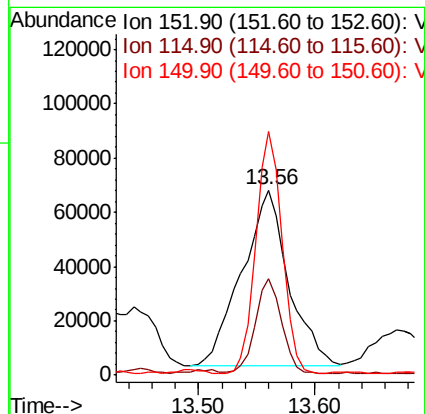
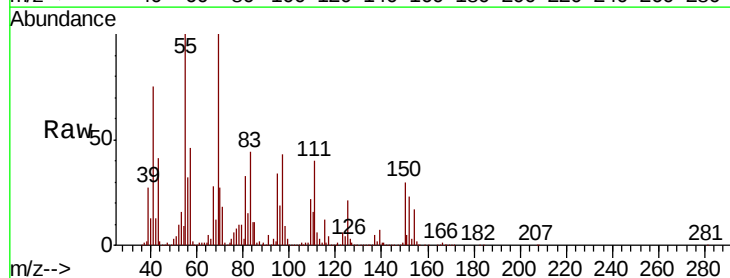
Tgt Ion: 152 Resp: 179994

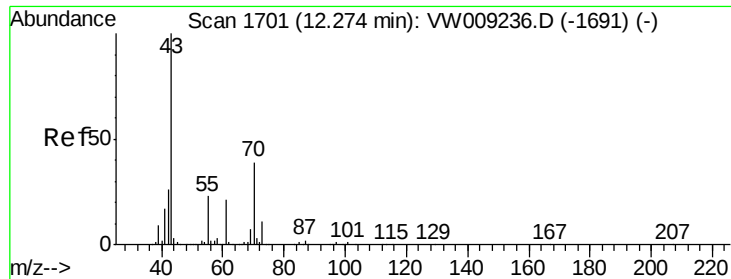
Ion Ratio Lower Upper

152 100

115 30.3 29.6 88.8

150 78.5 0.0 349.2





#74

N-amvl acetate

Concen: 518.375 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

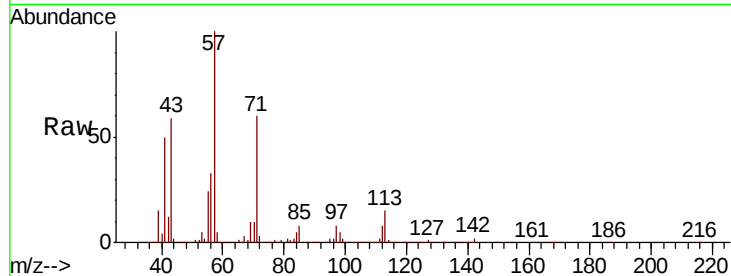
MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

Tot Ion: 43 Resp: 1626756

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.6	46.0#
55	0.0	19.3	28.9#
61	0.0	17.0	25.4#

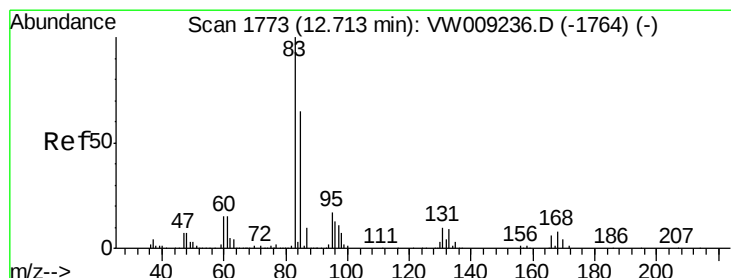
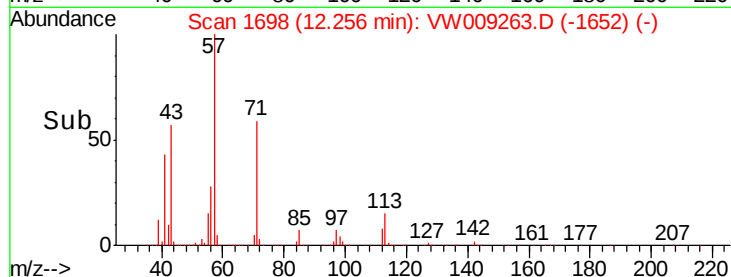
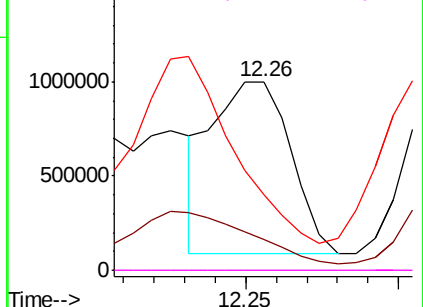


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 119.957 ug/l

RT: 12.69 min Scan# 1770

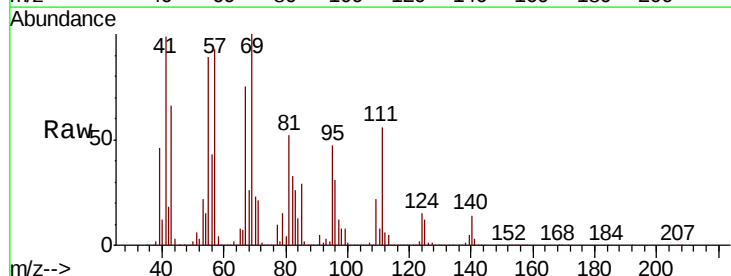
Delta R.T. -0.02 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Tgt Ion: 83 Resp: 269956

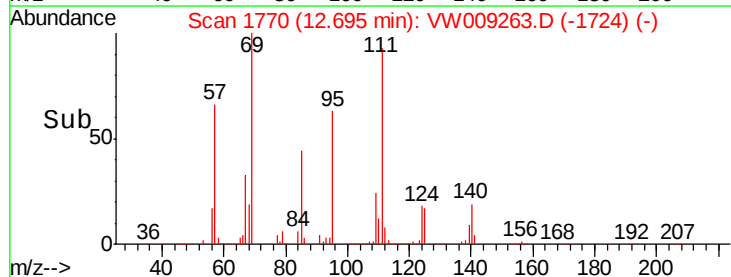
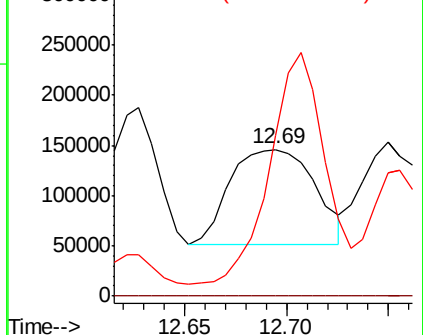
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	16.1#
85	159.1	32.6	97.8#

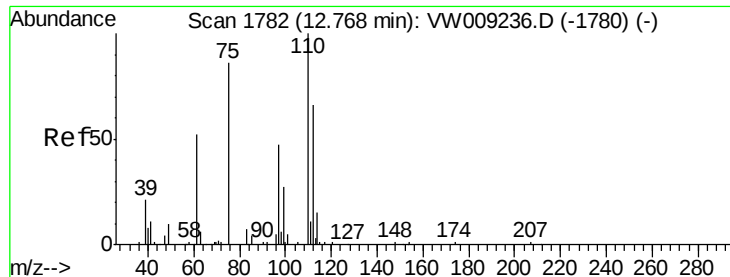


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 56.998 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

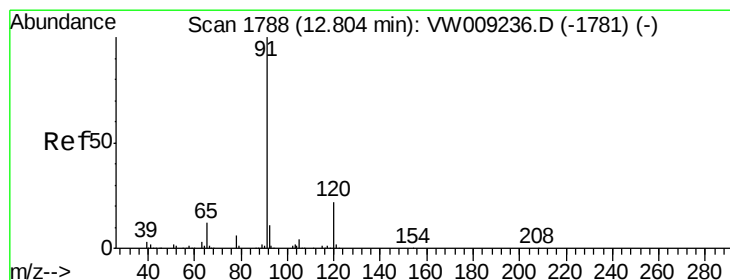
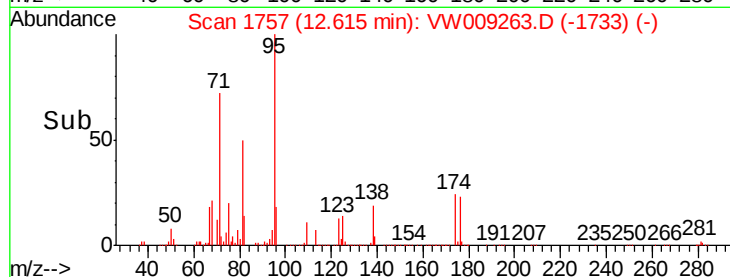
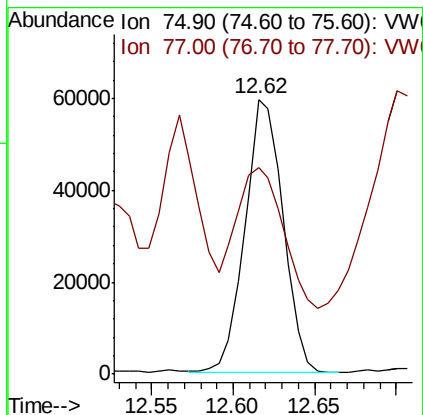
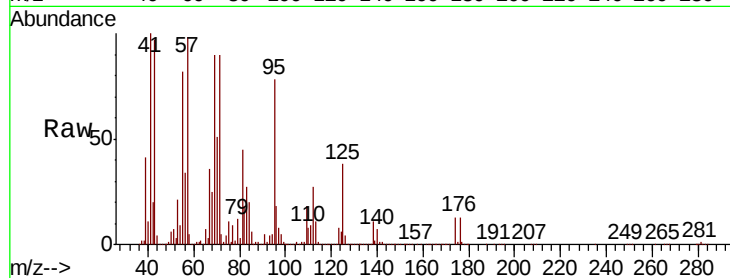
SB-15(6-7)-031519

Tot Ion: 75 Resp: 96409

Ion Ratio Lower Upper

75 100

77 62.6 0.0 0.0#



#78

n-propylbenzene

Concen: 3.011 ug/l

RT: 12.79 min Scan# 1785

Delta R.T. -0.02 min

Lab File: VW009263.D

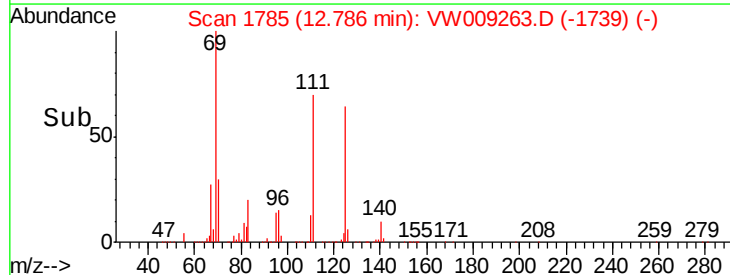
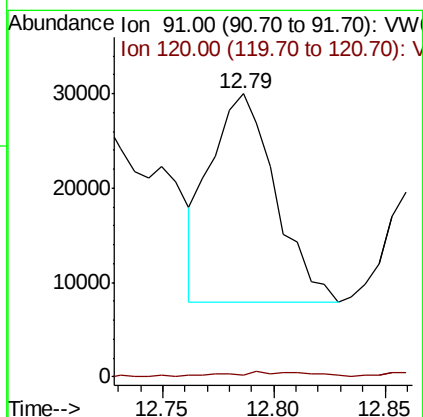
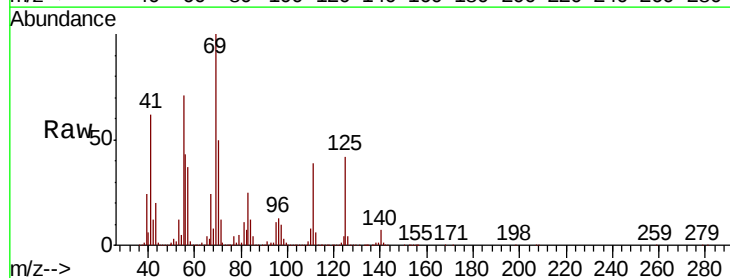
Acq: 20 Mar 2019 03:19

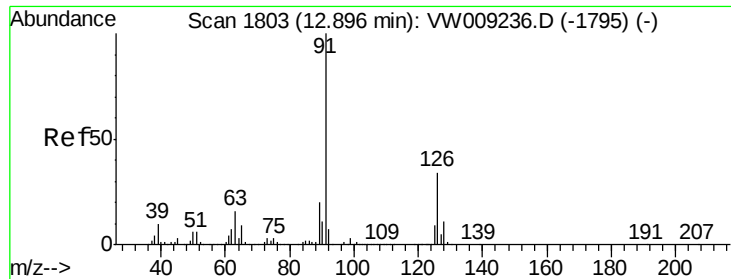
Tgt Ion: 91 Resp: 44485

Ion Ratio Lower Upper

91 100

120 2.9 11.1 33.3#

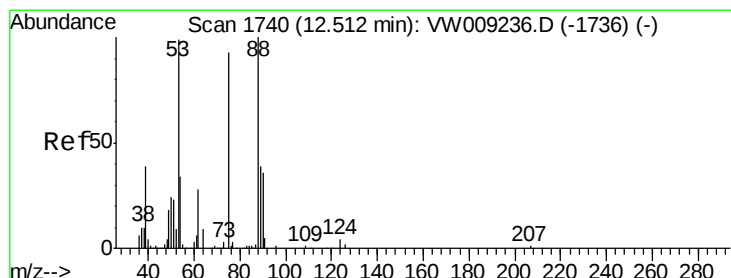
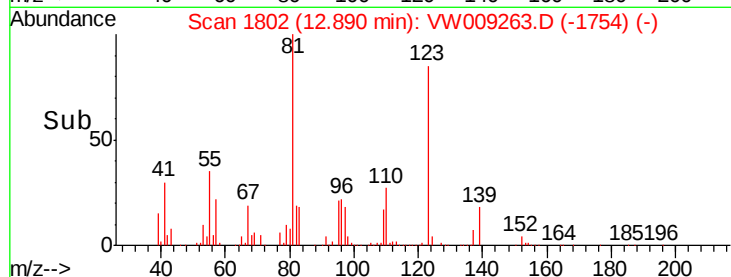
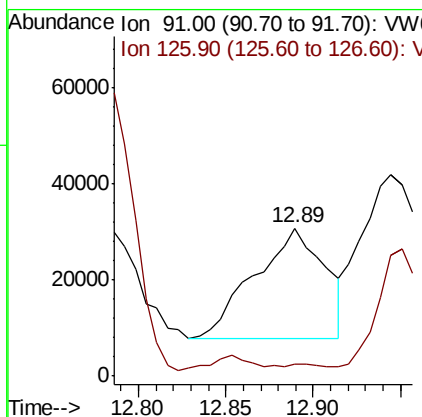
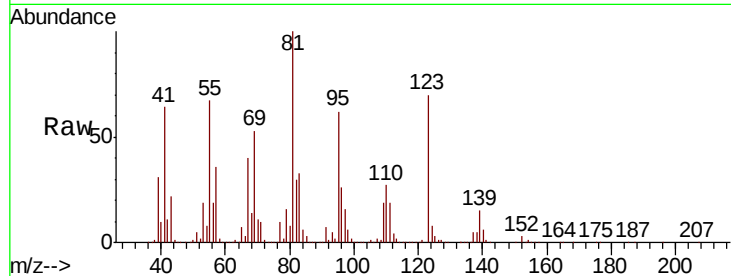




#79
2-Chlorotoluene
Concen: 7.607 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

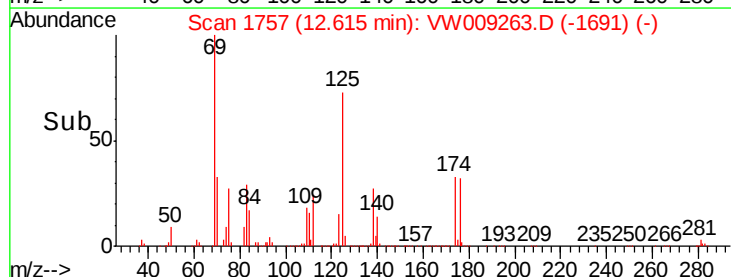
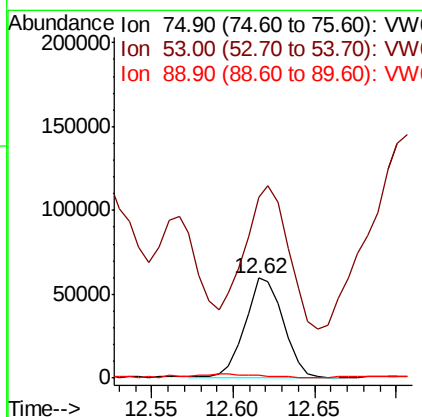
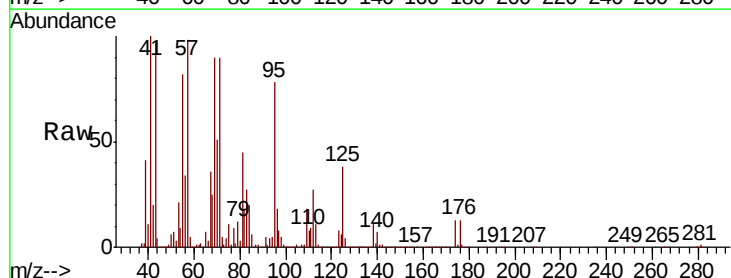
Instrument :
MSVOA_W
ClientSampleId :
SB-15(6-7)-031519

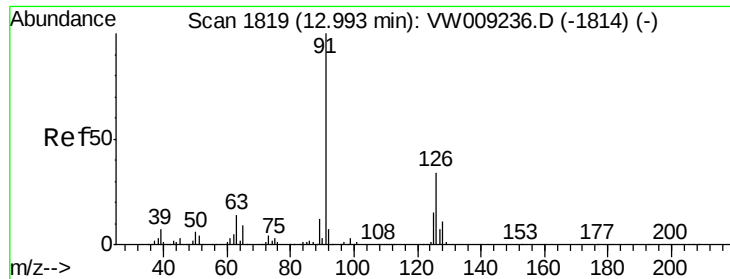
Tot Ion: 91 Resp: 63850
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.856 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion: 75 Resp: 96409
Ion Ratio Lower Upper
75 100
53 163.3 86.7 130.1#
89 0.0 36.4 54.6#

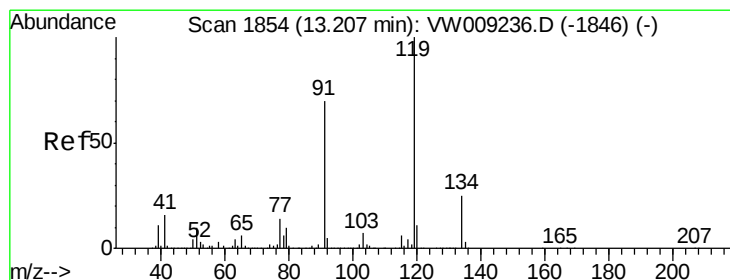
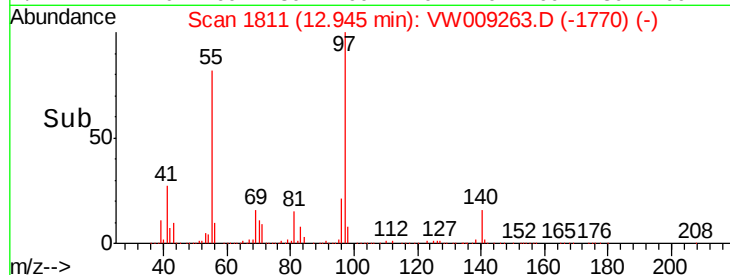
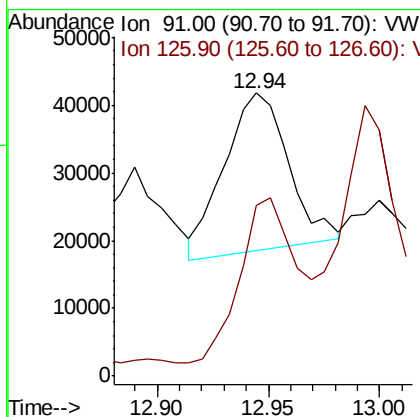
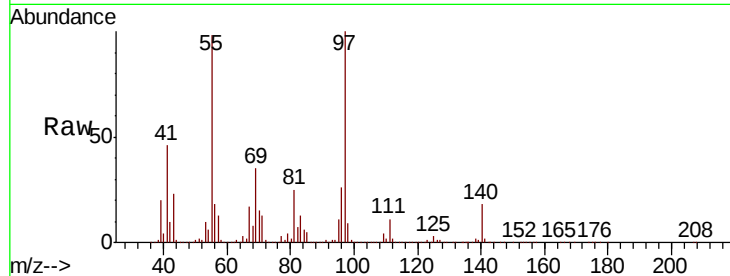




#82
4-Chlorotoluene
Concen: 5.278 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

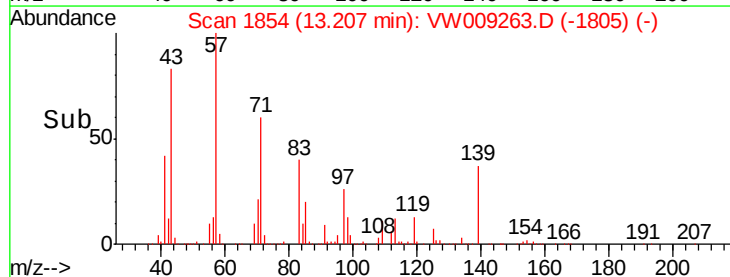
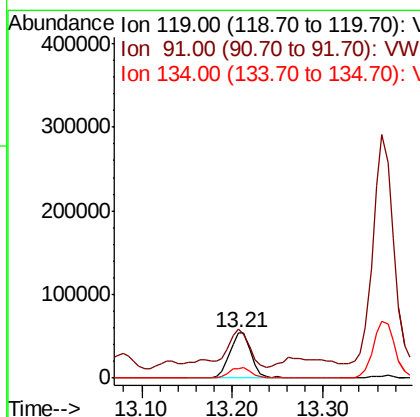
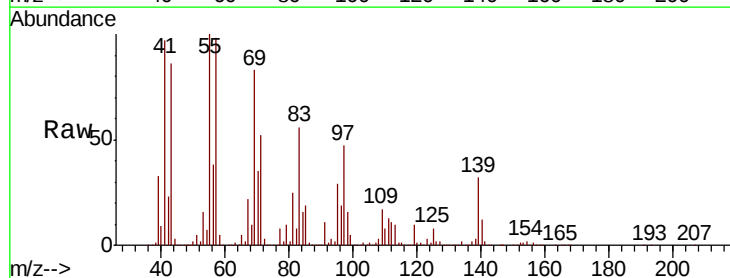
Instrument :
MSVOA_W
ClientSampleId :
SB-15(6-7)-031519

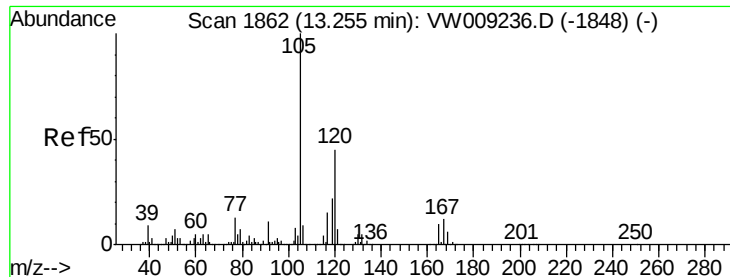
Tot Ion: 91 Resp: 46670
Ion Ratio Lower Upper
91 100
126 93.7 16.9 50.6#



#83
tert-Butylbenzene
Concen: 10.113 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion: 119 Resp: 88418
Ion Ratio Lower Upper
119 100
91 81.5 34.4 103.2
134 23.5 12.7 38.1

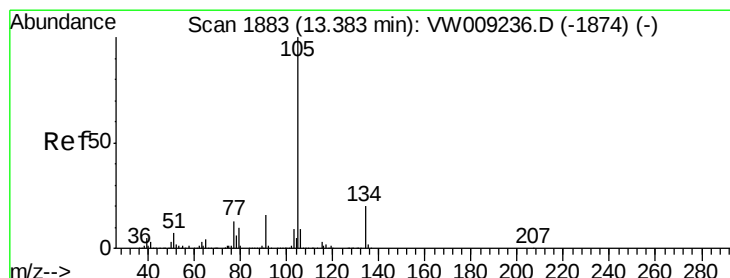
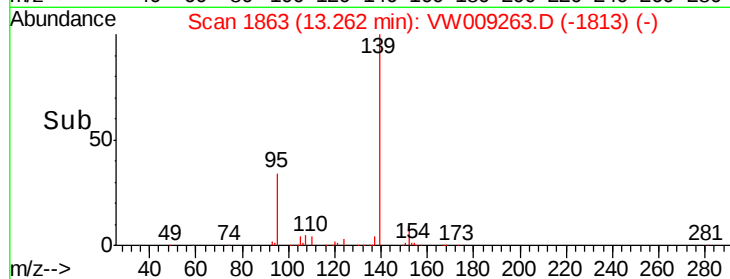
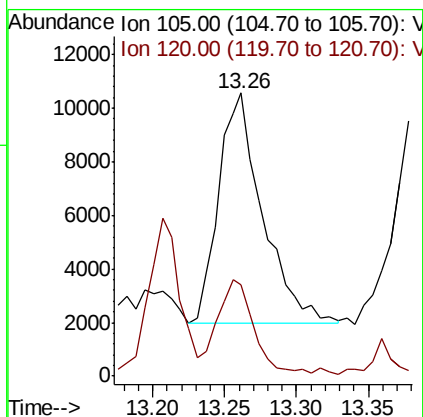
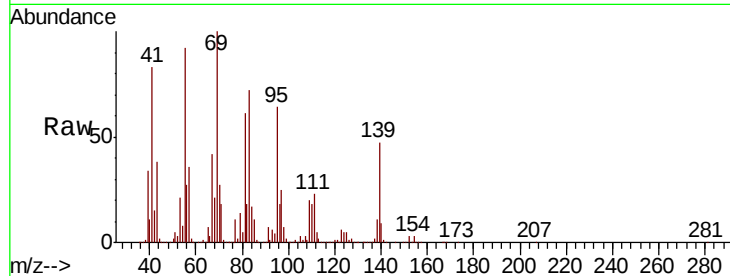




#84
 1,2,4-Trimethylbenzene
 Concen: 1.732 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

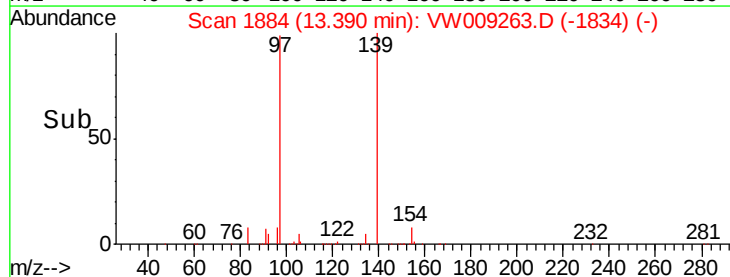
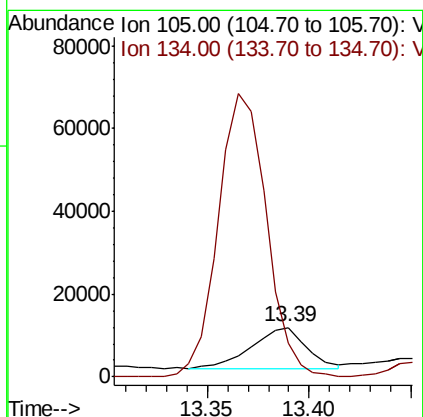
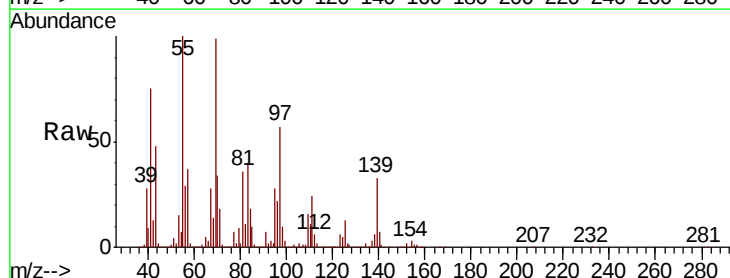
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(6-7)-031519

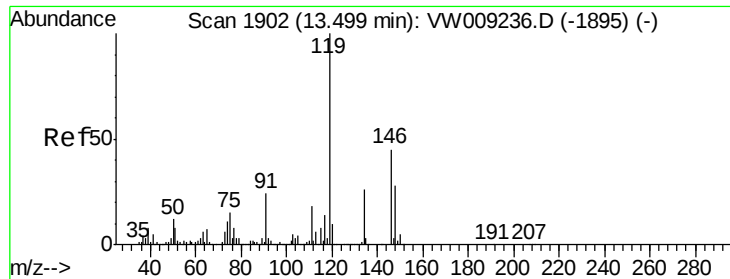
Tot Ion:105 Resp: 18165
 Ion Ratio Lower Upper
 105 100
 120 33.1 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 1.487 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

Tgt Ion:105 Resp: 19207
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#

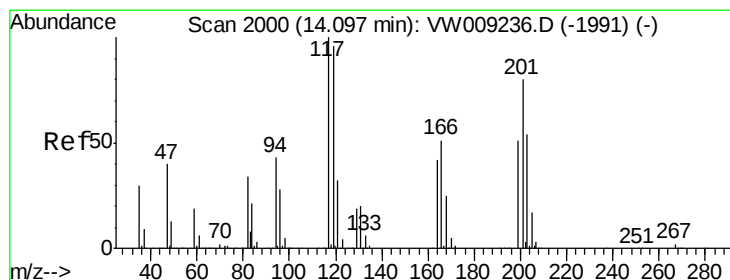
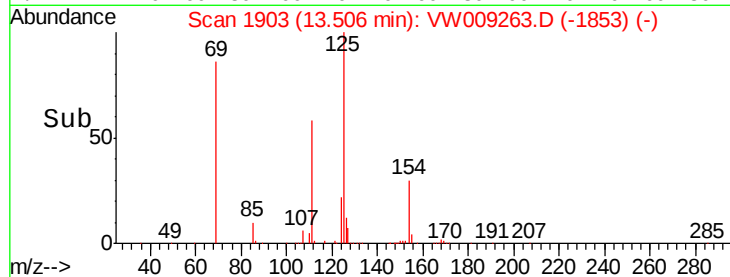
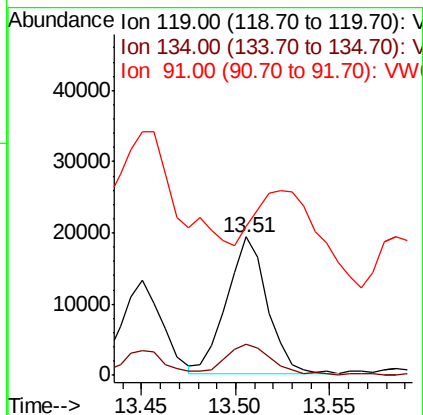
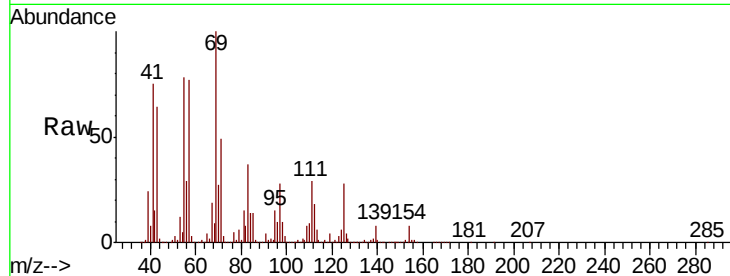




#86
 p-Isopropyltoluene
 Concen: 2.487 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

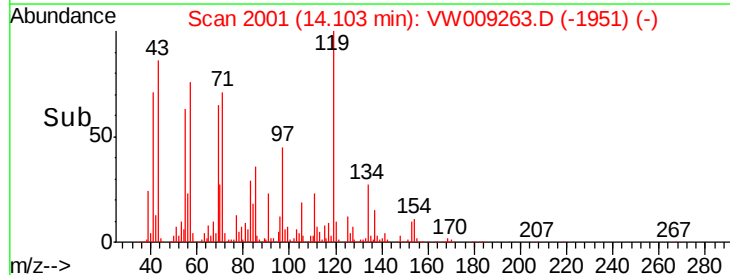
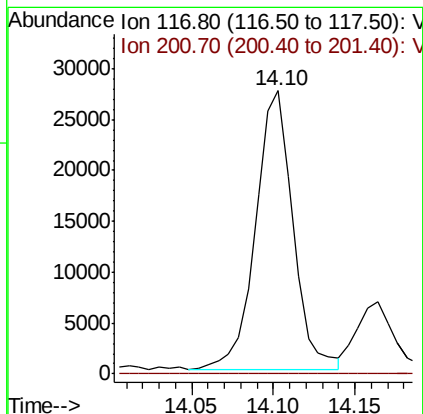
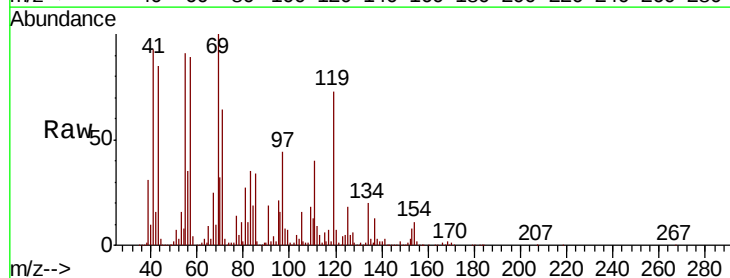
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(6-7)-031519

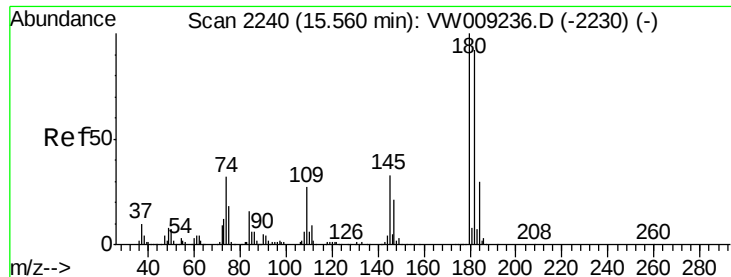
Tot Ion:119 Resp: 28611
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.1 39.3
 91 125.7 12.3 36.8#



#90
 Hexachloroethane
 Concen: 19.237 ug/l
 RT: 14.10 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: VW009263.D
 Acq: 20 Mar 2019 03:19

Tgt Ion:117 Resp: 43635
 Ion Ratio Lower Upper
 117 100
 201 0.2 38.2 114.6#





#96

1,2,3-Trichlorobenzene

Concen: 1.616 ug/l

RT: 15.58 min Scan# 2243

Delta R.T. 0.02 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

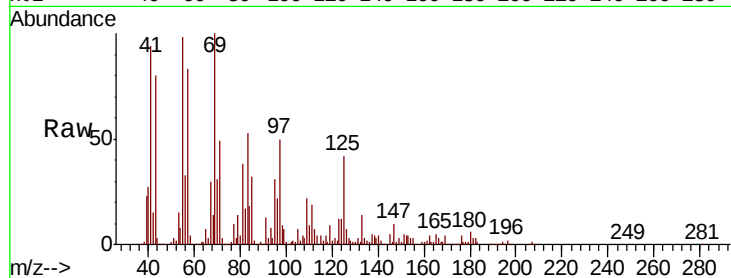
Tot Ion:180 Resp: 5123

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.9#

145 0.0 16.0 48.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

