

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101918\
 Data File : VW006238.D
 Acq On : 19 Oct 2018 20:55
 Operator : VA/AP
 Sample : J5604-01
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2

Quant Time: Oct 20 01:22:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	274603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62316	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	86933	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
35) Dibromofluoromethane	7.89	113	82316	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	10.33	98	265792	43.06	ug/l	0.00
Spiked Amount			Recovery	=	86.12%	
62) 4-Bromofluorobenzene	12.62	95	75782	32.68	ug/l	0.00
Spiked Amount			Recovery	=	65.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	148	1.444	ug/l #	71
16) Acetone	4.16	43	16445	45.390	ug/l	96
17) Carbon Disulfide	4.37	76	6077	1.311	ug/l #	91
20) Methylene Chloride	4.92	84	6100	2.227	ug/l #	89
25) 2-Butanone	7.19	43	3489	8.473	ug/l	93
29) Tetrahydrofuran	7.56	42	653	2.580	ug/l #	31
31) Cyclohexane	7.95	56	5081	1.822	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	12409	4.903	ug/l #	49
37) Ethyl Acetate	7.19	43	3489	3.710	ug/l #	67
38) Carbon Tetrachloride	7.95	117	17080	6.156	ug/l #	17
39) Methylcyclohexane	9.34	83	6300	1.872	ug/l	96
40) Benzene	8.33	78	7002	1.009	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1043	1.083	ug/l #	83
52) Toluene	10.39	92	12407	2.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	657	1.058	ug/l #	84
60) Dibromochloromethane	11.16	129	1670	1.012	ug/l #	22
68) m/p-Xylenes	11.84	106	11810	4.110	ug/l	99
69) o-Xylene	12.16	106	8128	2.968	ug/l	92
73) Isopropylbenzene	12.47	105	5877	1.335	ug/l	97
74) N-amyl acetate	12.26	43	3553	4.155	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.69	83	783	1.169	ug/l #	84
76) 1,2,3-Trichloropropane	12.62	75	39182	82.320	ug/l #	100
77) Bromobenzene	12.96	156	23620	21.905	ug/l #	1
78) n-propylbenzene	12.81	91	6185	1.208	ug/l	87
80) 1,3,5-Trimethylbenzene	12.95	105	18707	5.040	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.62	75	39182	196.777	ug/l #	10
83) tert-Butylbenzene	13.21	119	4475	1.348	ug/l	73
84) 1,2,4-Trimethylbenzene	13.26	105	34282	9.128	ug/l	97
85) sec-Butylbenzene	13.39	105	10146	2.163	ug/l	78
86) p-Isopropyltoluene	13.51	119	22683	5.346	ug/l	97
89) n-Butylbenzene	13.83	91	9218	2.376	ug/l #	75
90) Hexachloroethane	14.10	117	3290	4.578	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.51	75	150	1.251	ug/l #	22
95) Naphthalene	15.38	128	33981	13.869	ug/l #	95

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QLast Update : Thu Oct 18 17:01:24 2018
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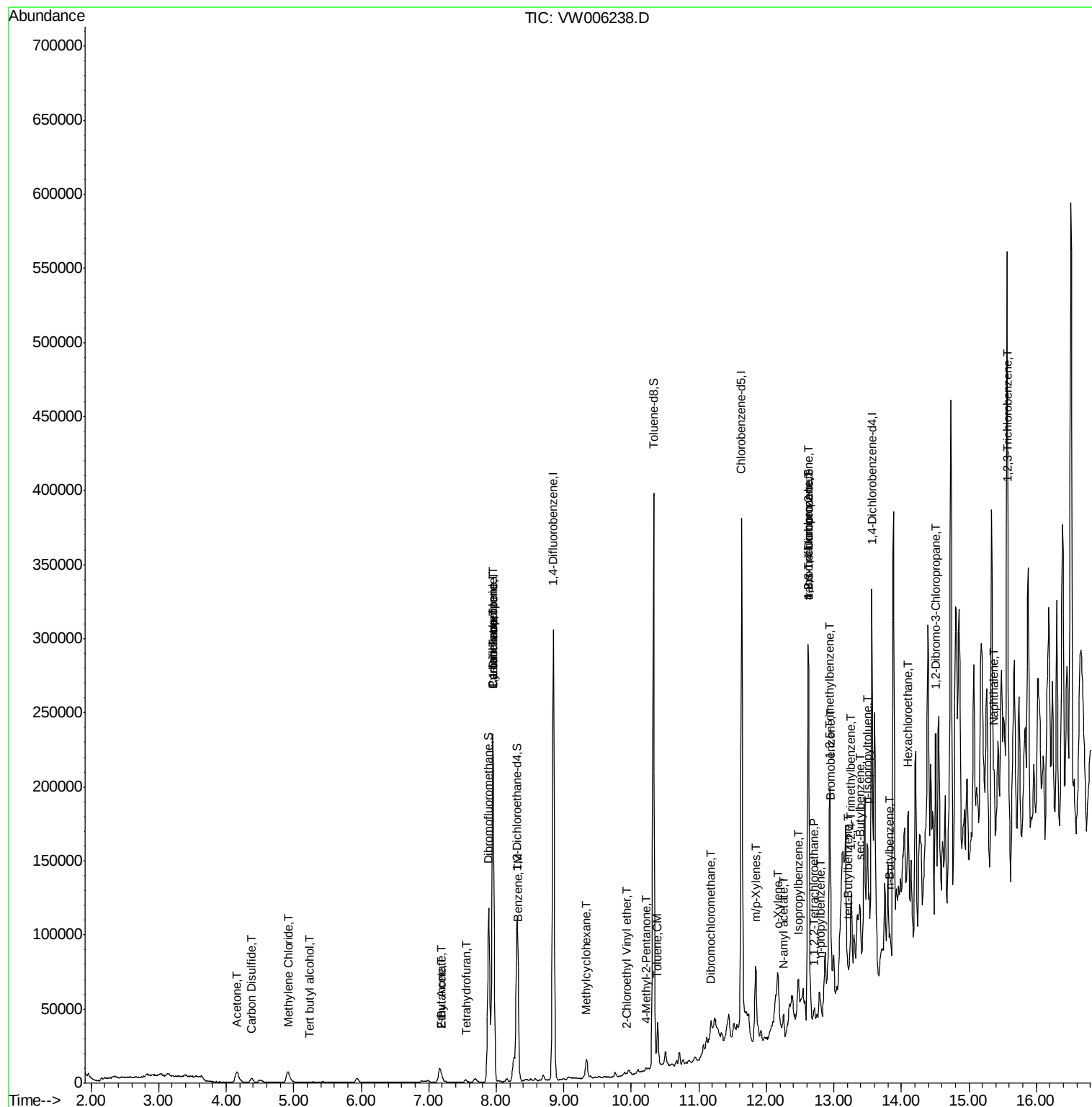
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.58	180	1297	1.018	ug/l #	1

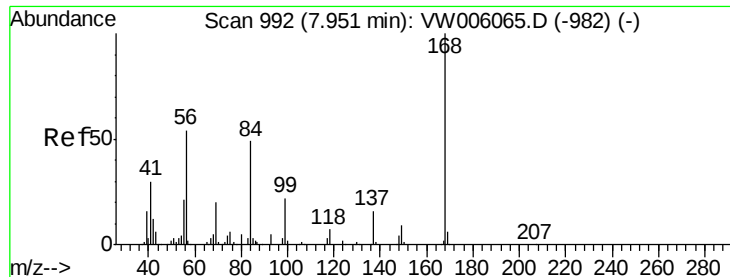
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

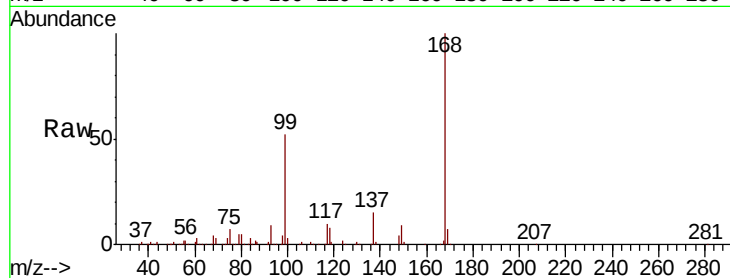
MS-VB-29736-BOX-2

Tot Ion:168 Resp: 183861

Ion Ratio Lower Upper

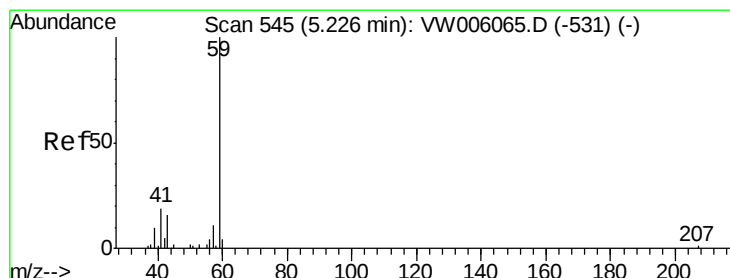
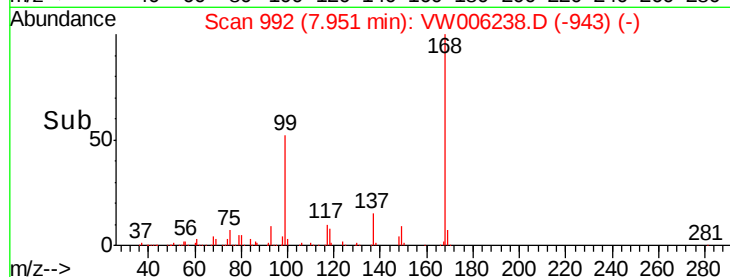
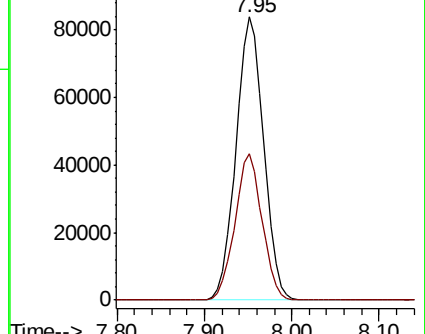
168 100

99 51.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.444 ug/l

RT: 5.24 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW006238.D

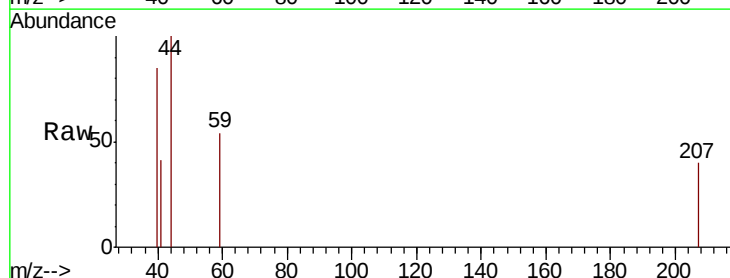
Acq: 19 Oct 2018 20:55

Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

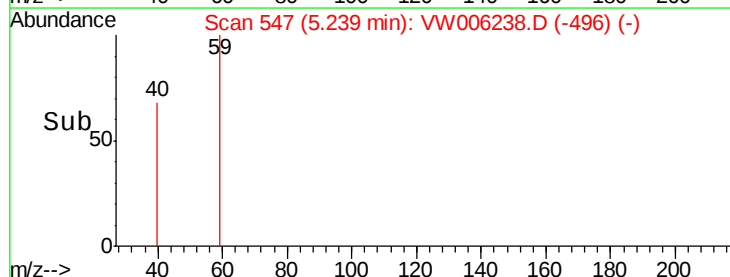
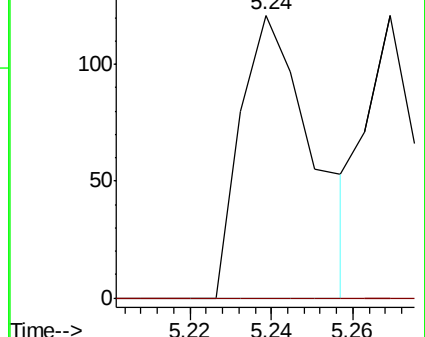
59 100

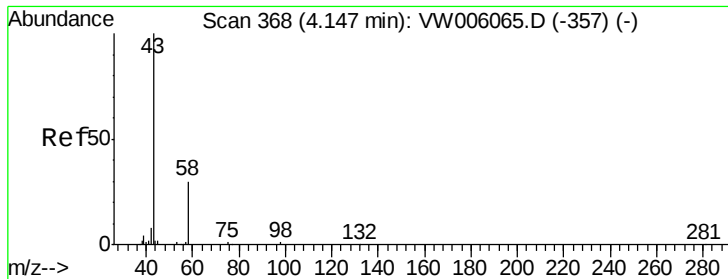
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 45.390 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

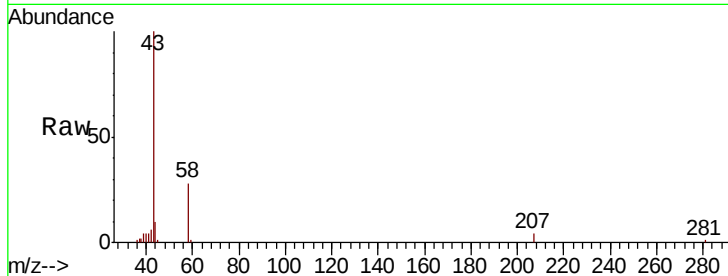
MS-VB-29736-BOX-2

Tot Ion: 43 Resp: 16445

Ion Ratio Lower Upper

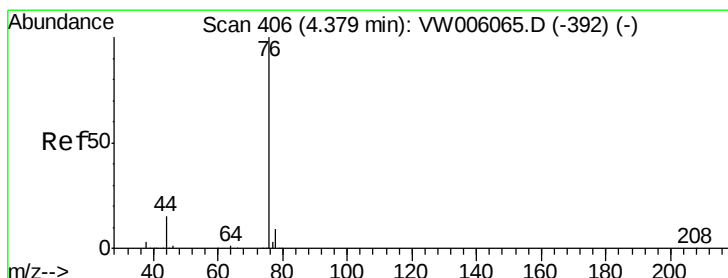
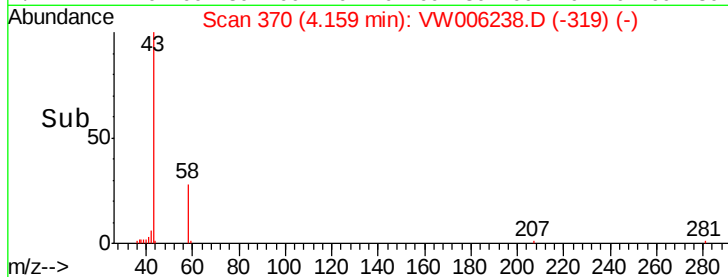
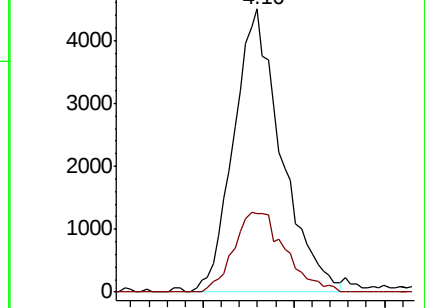
43 100

58 27.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 1.311 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006238.D

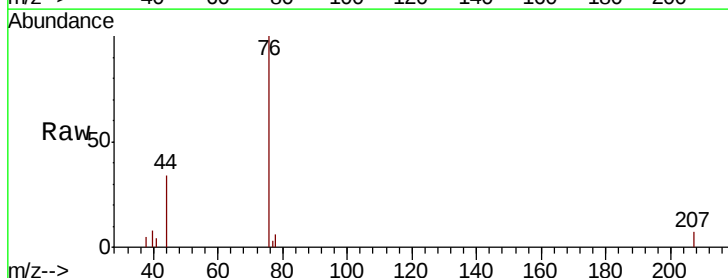
Acq: 19 Oct 2018 20:55

Tgt Ion: 76 Resp: 6077

Ion Ratio Lower Upper

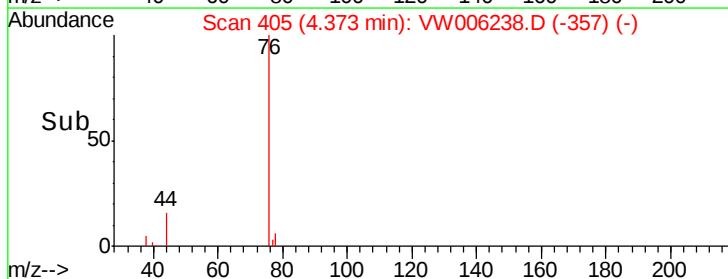
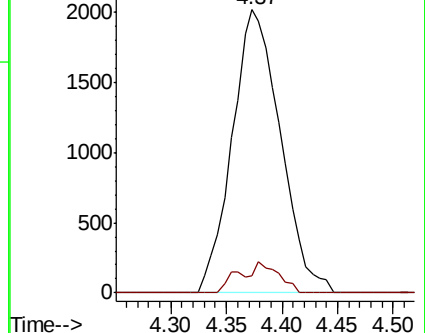
76 100

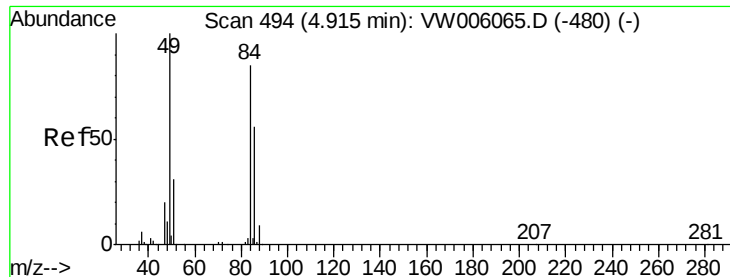
78 6.1 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

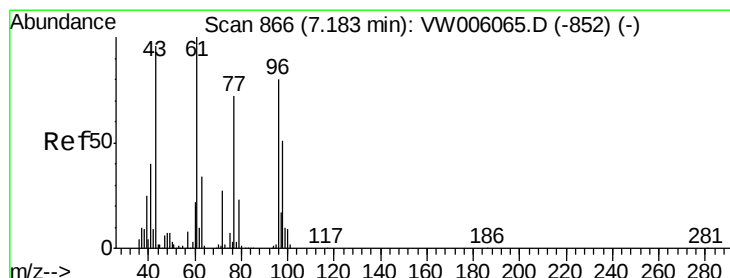
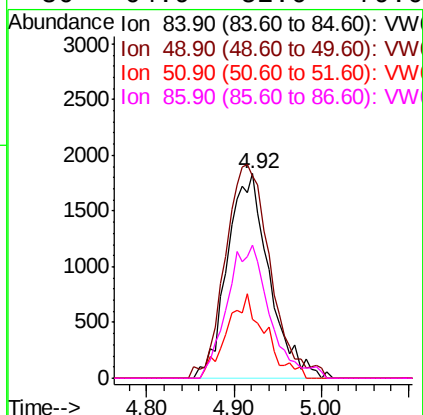
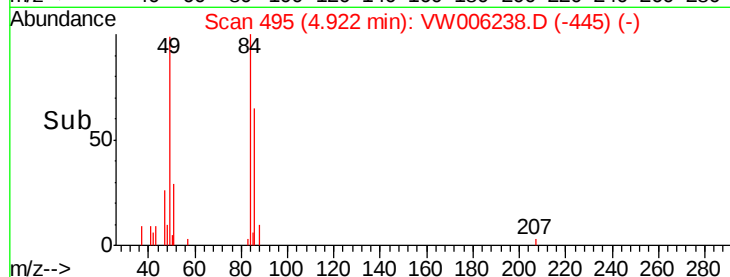
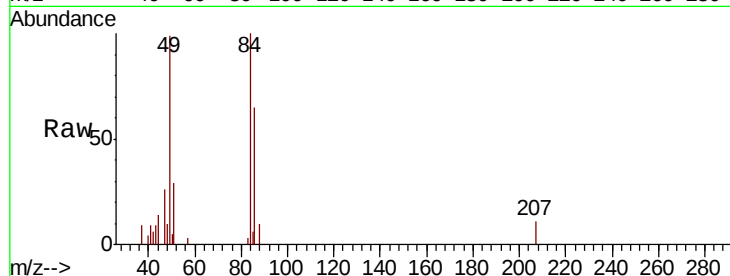




#20
Methvlene Chloride
Concen: 2.227 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

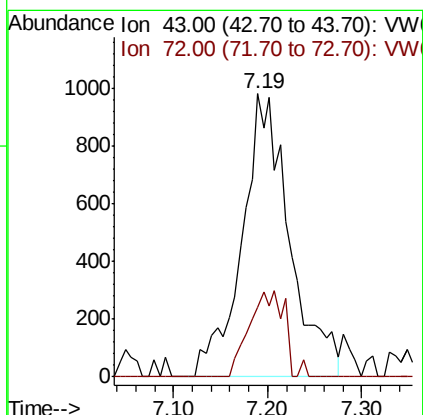
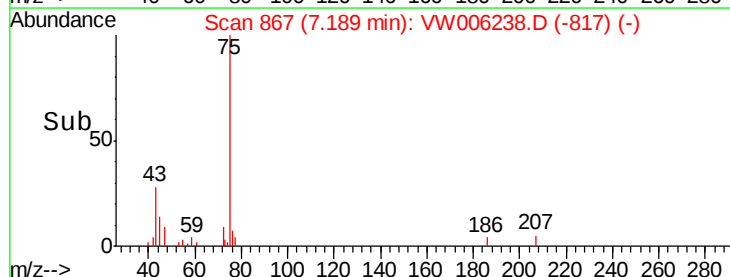
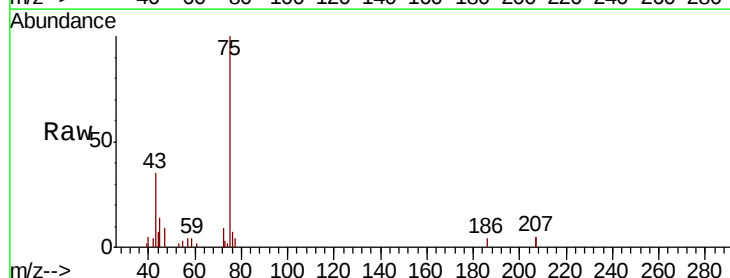
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

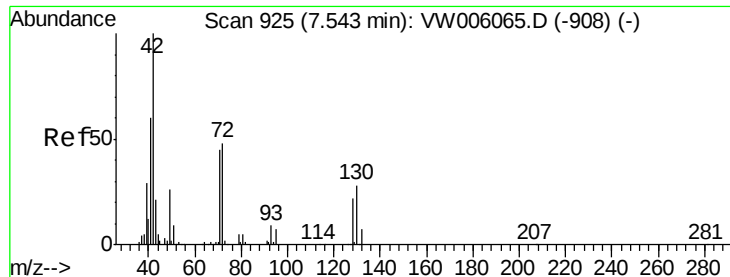
Tot Ion:	84	Resp:	6100
Ion	Ratio	Lower	Upper
84	100		
49	98.8	93.6	140.4
51	28.7	29.0	43.4#
86	64.9	52.6	79.0



#25
2-Butanone
Concen: 8.473 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Tgt Ion:	43	Resp:	3489
Ion	Ratio	Lower	Upper
43	100		
72	24.6	22.8	34.2





#29

Tetrahydrofuran

Concen: 2.580 ug/l

RT: 7.56 min Scan# 928

Delta R.T. 0.02 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2

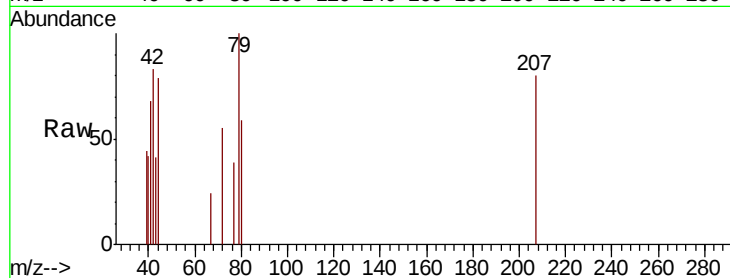
Tot Ion: 42 Resp: 653

Ion Ratio Lower Upper

42 100

72 0.0 38.0 57.0#

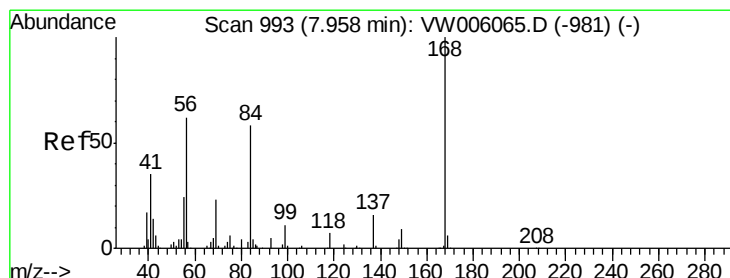
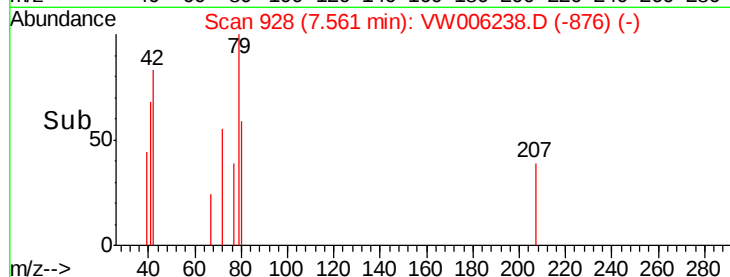
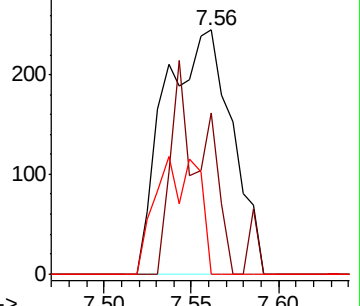
71 0.0 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.822 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

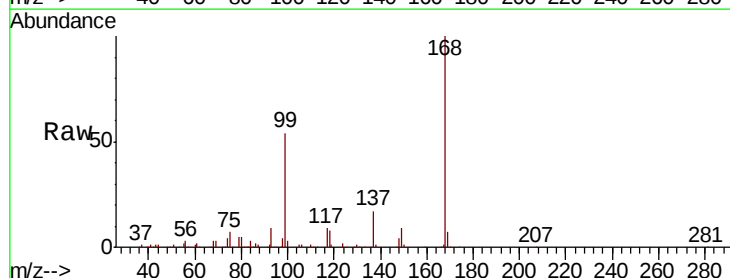
Tgt Ion: 56 Resp: 5081

Ion Ratio Lower Upper

56 100

69 121.3 29.4 44.0#

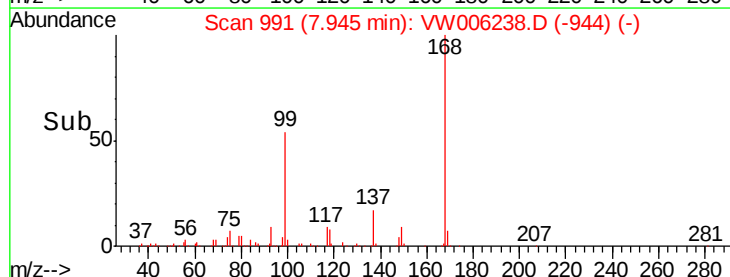
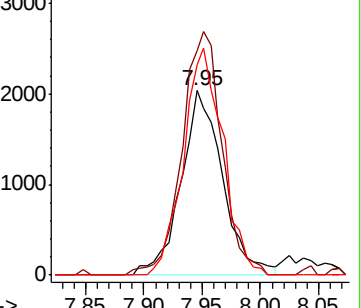
84 113.6 74.0 111.0#

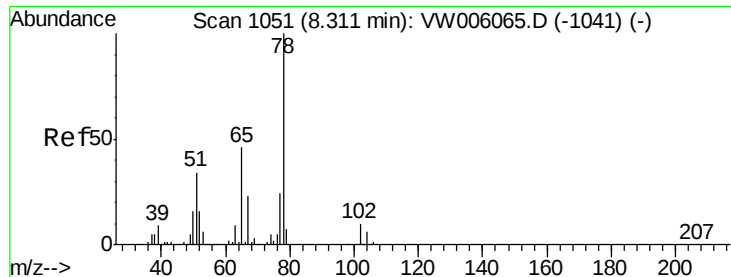


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

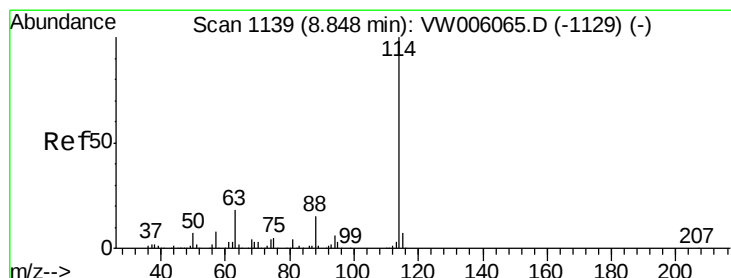
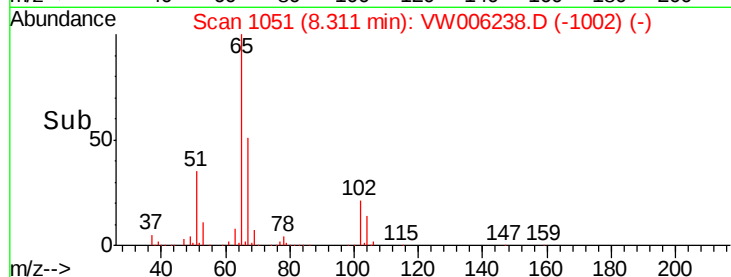
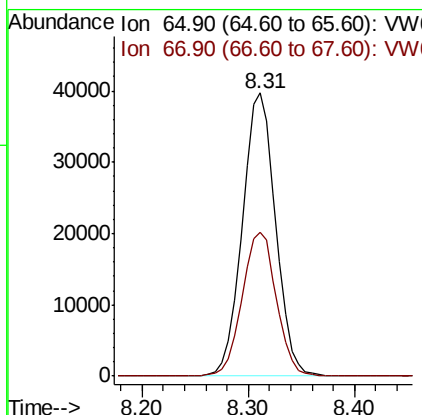
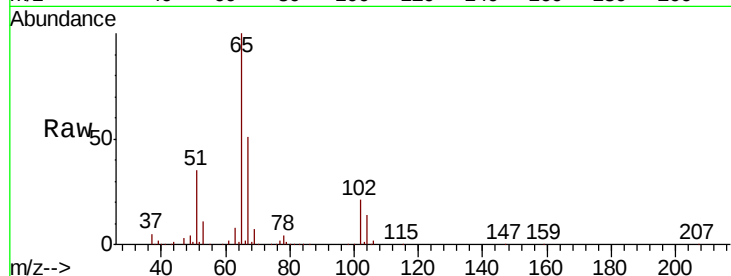




#33
 1,2-Dichloroethane-d4
 Concen: 57.031 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

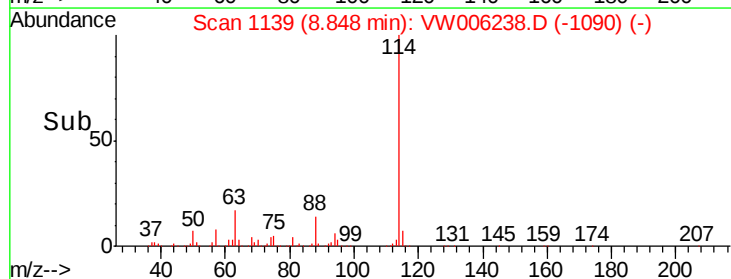
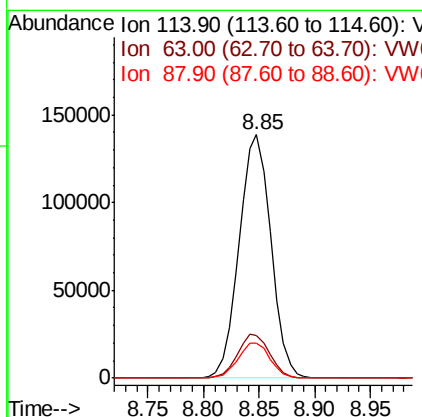
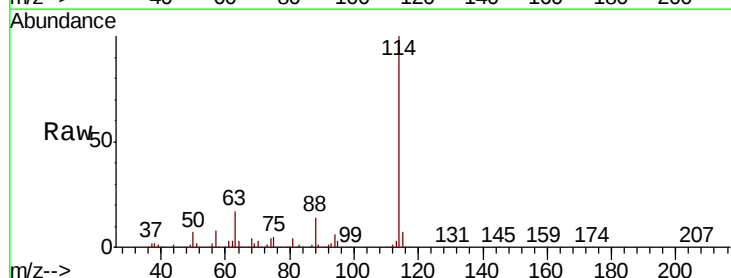
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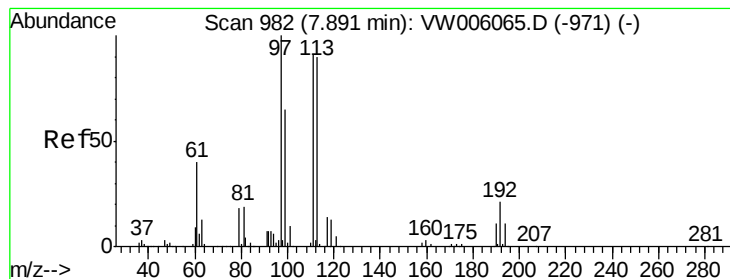
Tot Ion: 65 Resp: 86933
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

Tgt Ion: 114 Resp: 274603
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.8
 88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.730 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2

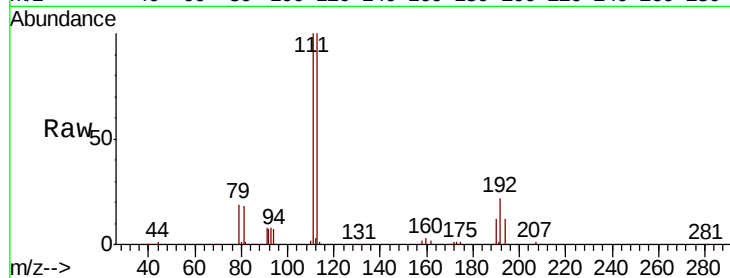
Tot Ion:113 Resp: 82316

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

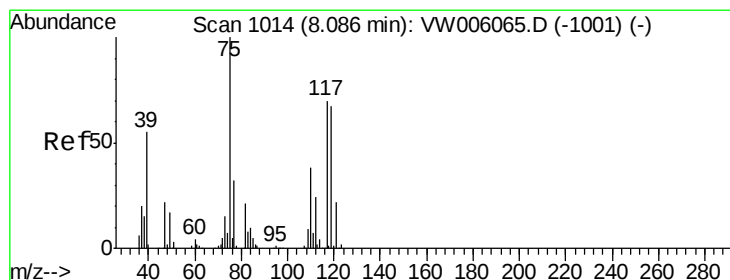
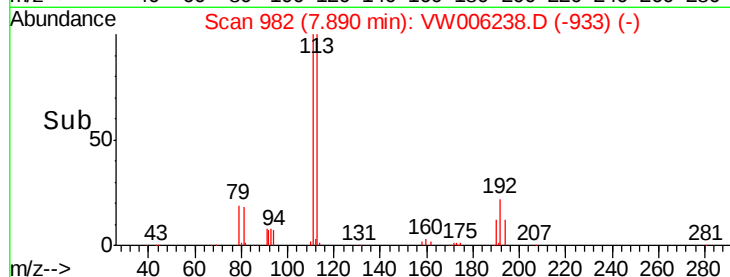
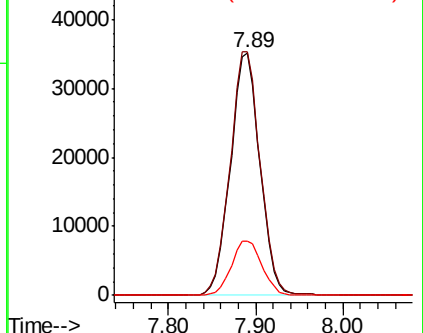
192 23.1 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.903 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

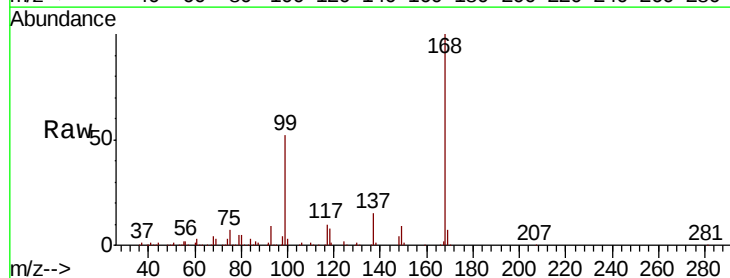
Tgt Ion: 75 Resp: 12409

Ion Ratio Lower Upper

75 100

110 10.5 19.1 57.1#

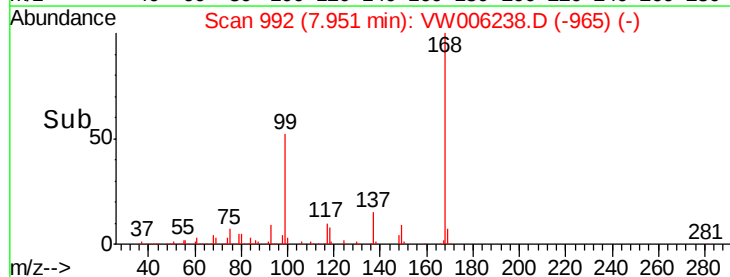
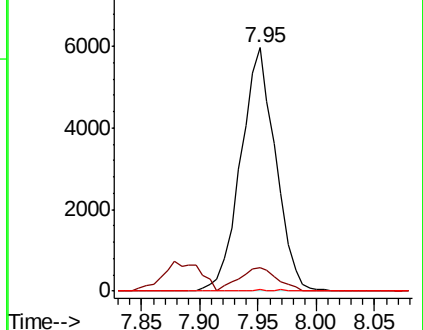
77 0.0 25.0 37.4#

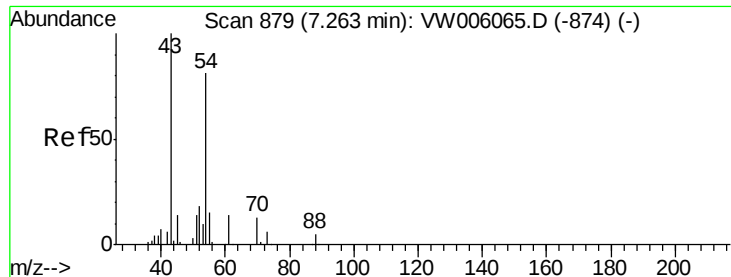


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

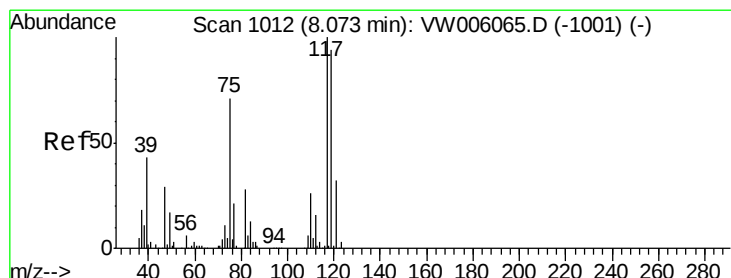
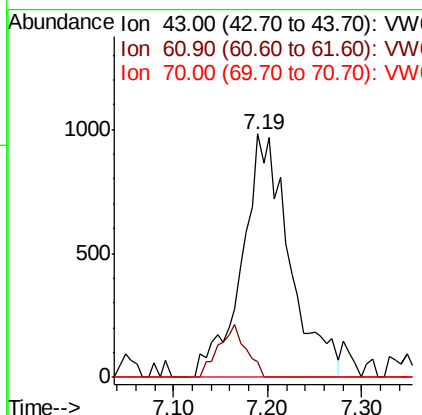
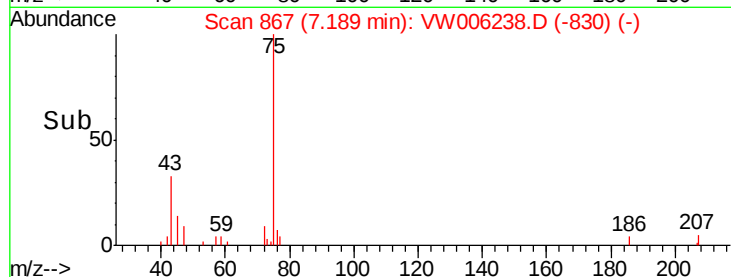
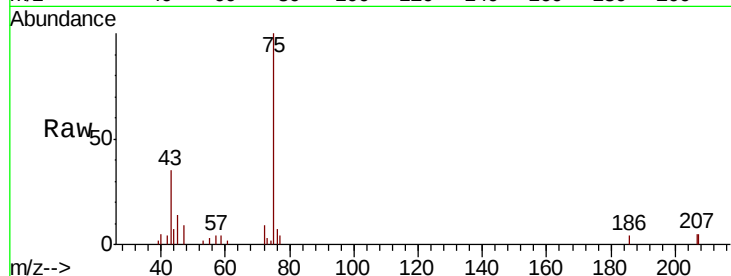




#37
Ethyl Acetate
Concen: 3.710 ug/l
RT: 7.19 min Scan# 867
Delta R.T. -0.07 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

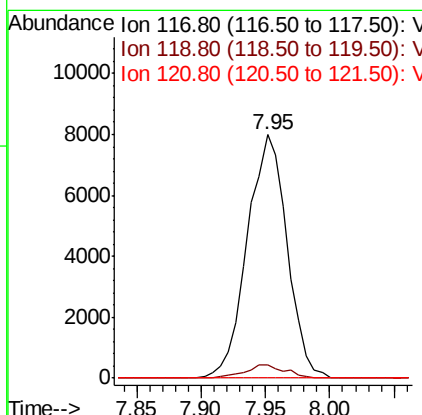
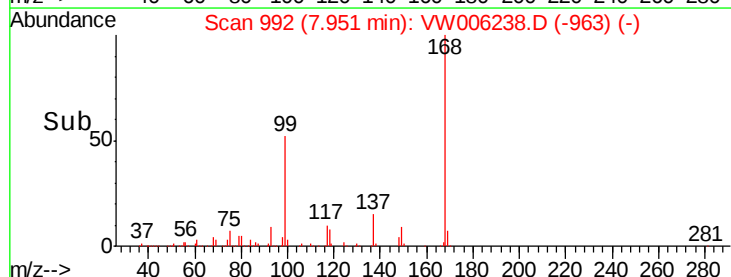
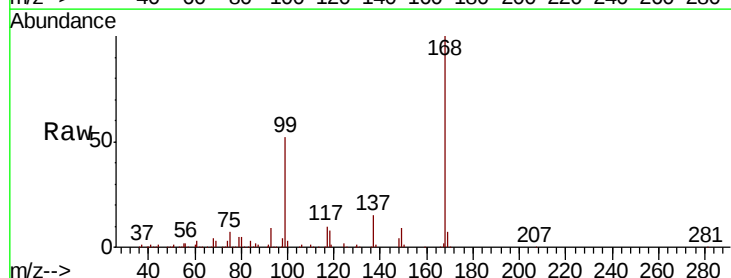
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

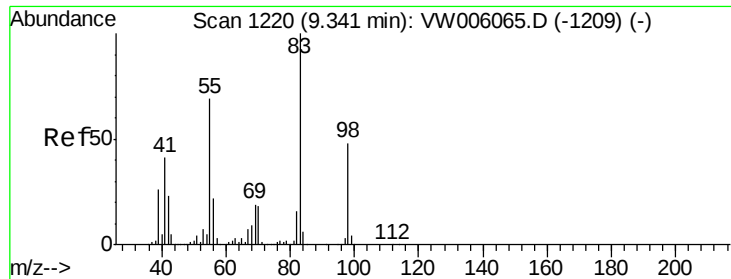
Tot Ion: 43 Resp: 3489
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.156 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Tgt Ion: 117 Resp: 17080
Ion Ratio Lower Upper
117 100
119 5.5 75.2 112.8#
121 0.0 25.3 37.9#

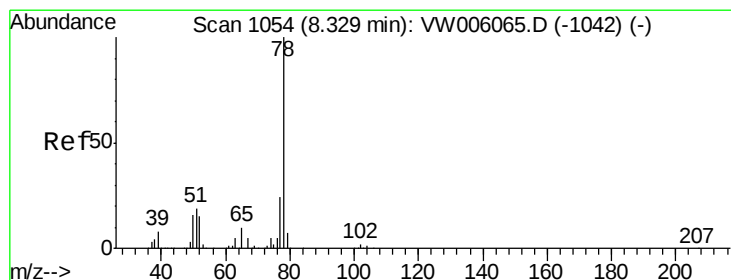
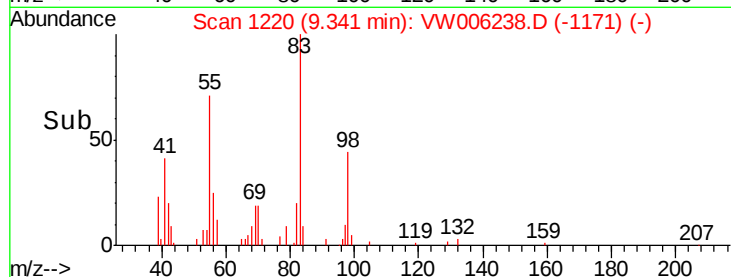
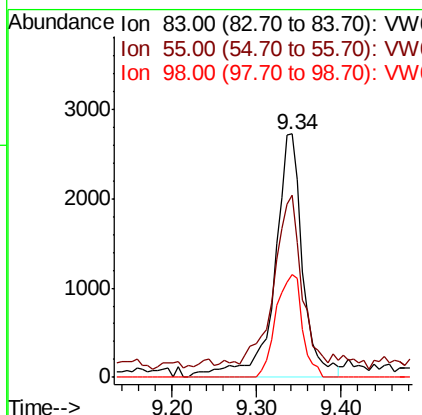
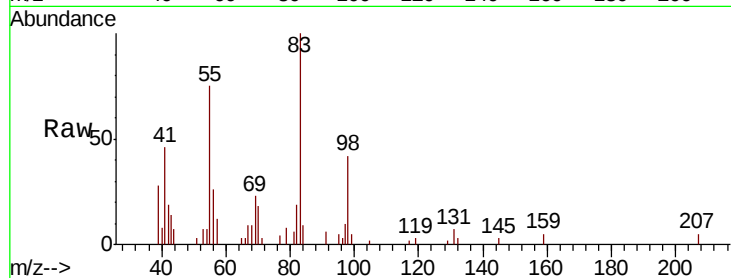




#39
Methvlcvclohexane
Concen: 1.872 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

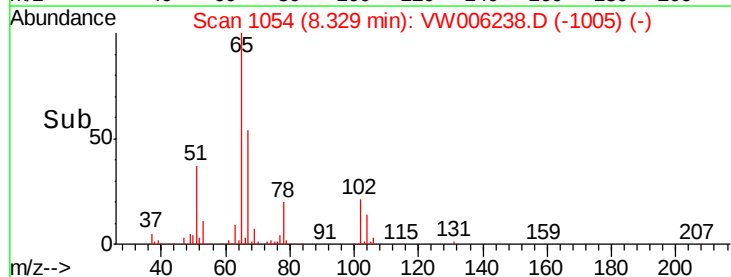
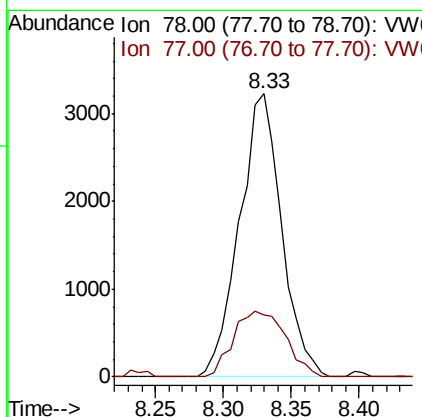
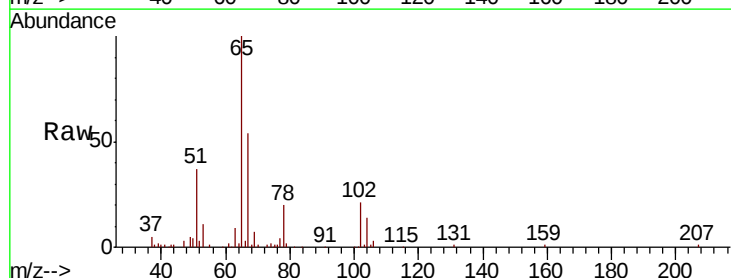
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

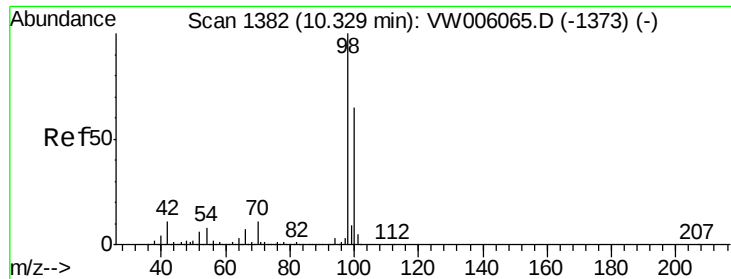
Tot Ion: 83 Resp: 6300
Ion Ratio Lower Upper
83 100
55 69.6 55.0 82.6
98 42.3 38.6 57.8



#40
Benzene
Concen: 1.009 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Tgt Ion: 78 Resp: 7002
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0





#50

Toluene-d8

Concen: 43.055 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

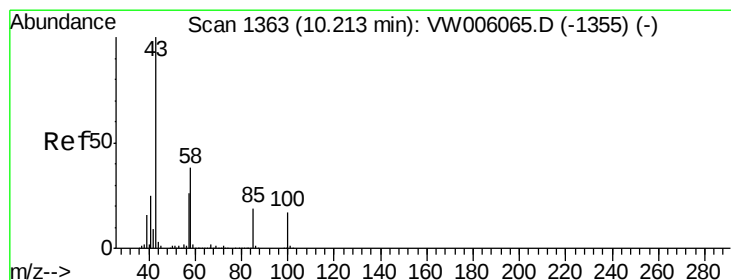
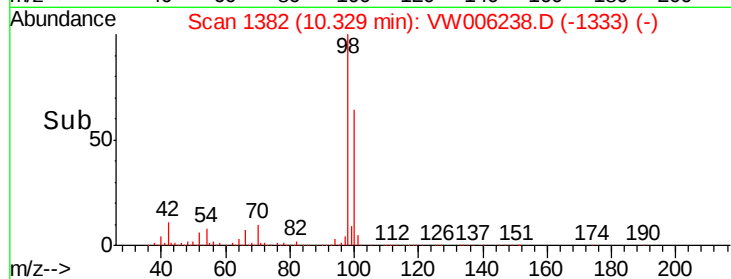
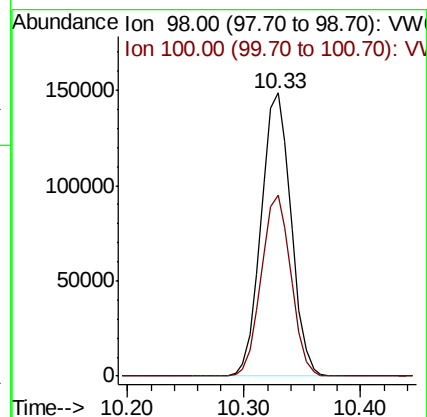
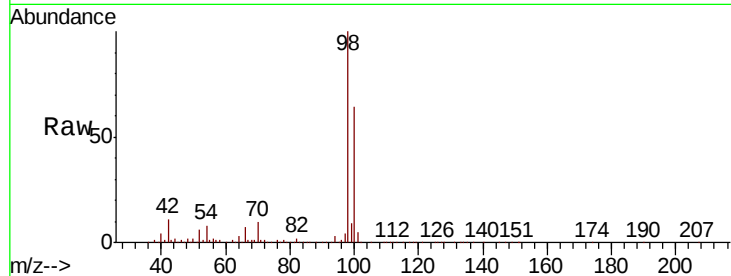
MS-VB-29736-BOX-2

Tot Ion: 98 Resp: 265792

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.083 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006238.D

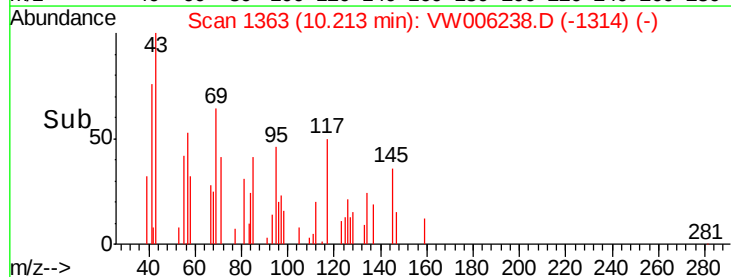
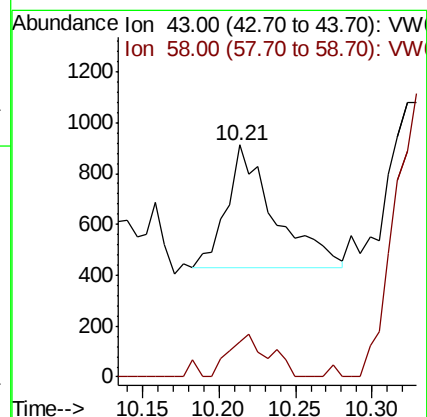
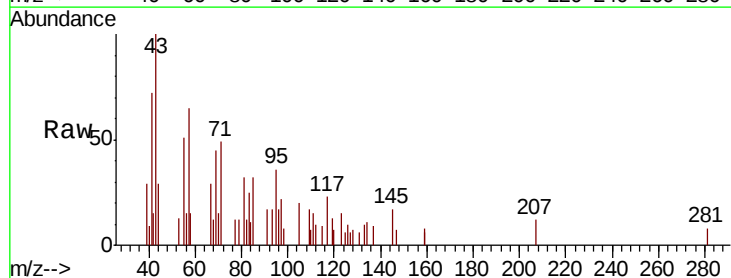
Acq: 19 Oct 2018 20:55

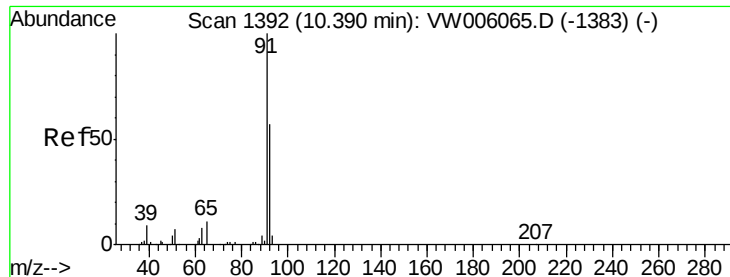
Tgt Ion: 43 Resp: 1043

Ion Ratio Lower Upper

43 100

58 29.1 31.5 47.3#





#52

Toluene

Concen: 2.665 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

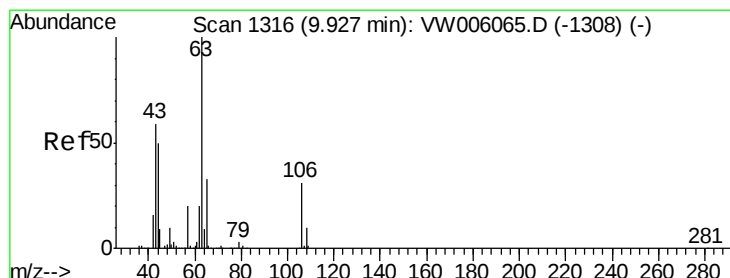
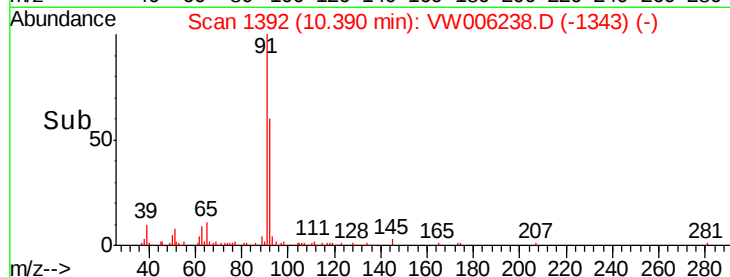
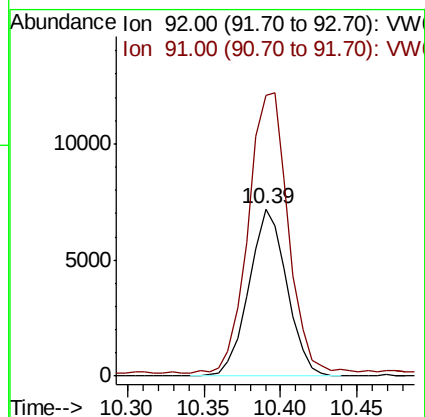
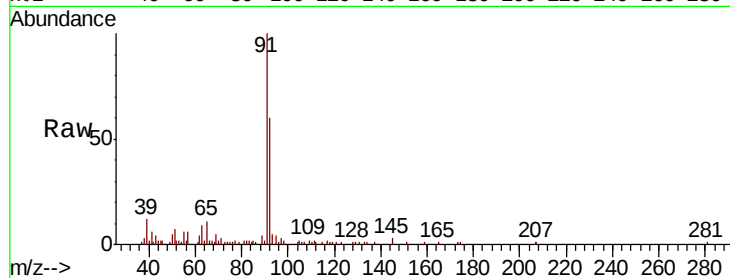
MS-VB-29736-BOX-2

Tot Ion: 92 Resp: 12407

Ion Ratio Lower Upper

92 100

91 176.3 140.0 210.0



#58

2-Chloroethyl Vinyl ether

Concen: 1.058 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW006238.D

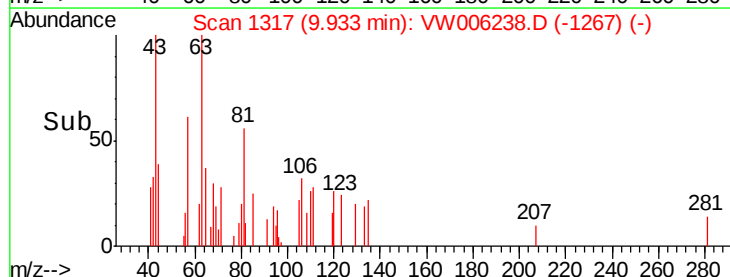
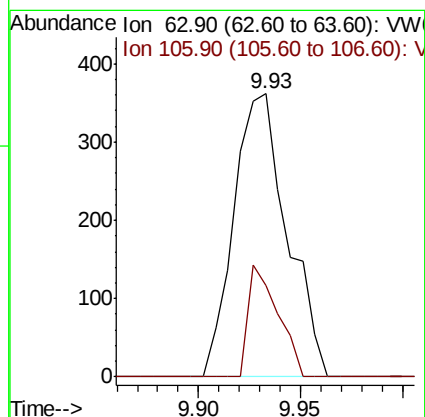
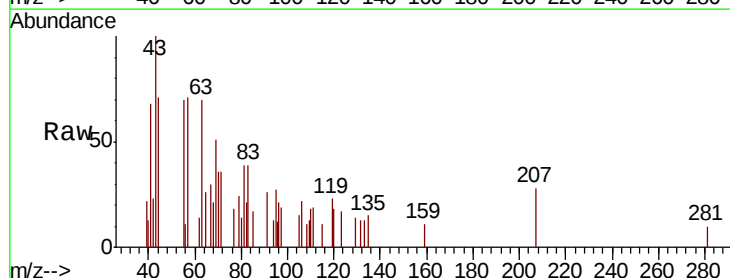
Acq: 19 Oct 2018 20:55

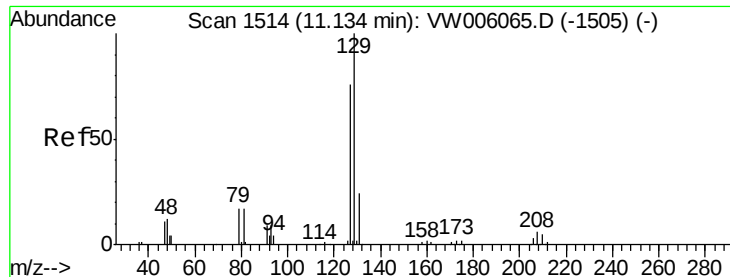
Tgt Ion: 63 Resp: 657

Ion Ratio Lower Upper

63 100

106 21.8 24.5 36.7#





#60

Dibromochloromethane

Concen: 1.012 ug/l

RT: 11.16 min Scan# 1519

Delta R.T. 0.03 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

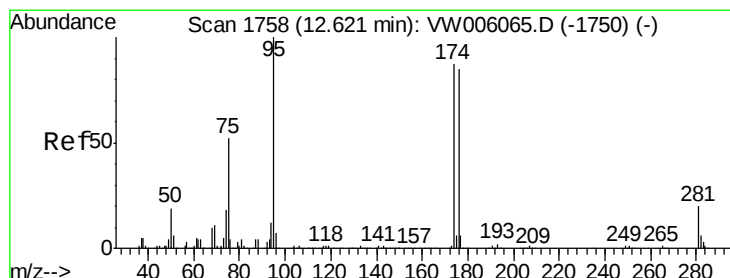
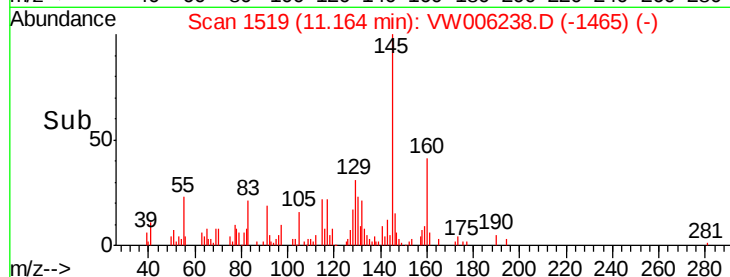
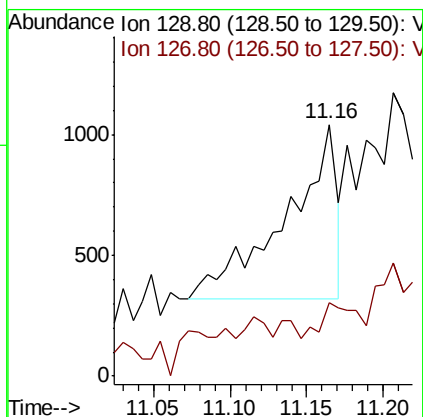
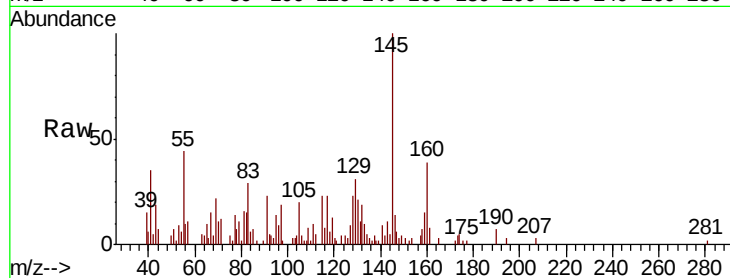
MS-VB-29736-BOX-2

Tot Ion:129 Resp: 1670

Ion Ratio Lower Upper

129 100

127 9.5 38.6 115.7#



#62

4-Bromofluorobenzene

Concen: 32.684 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

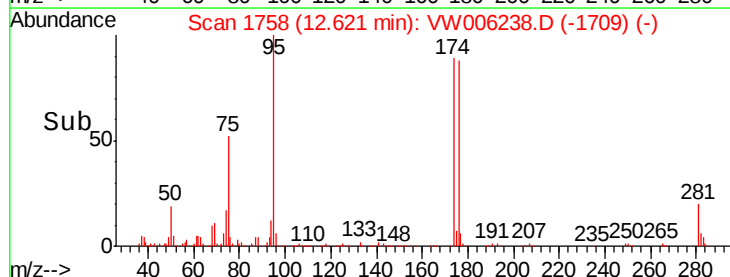
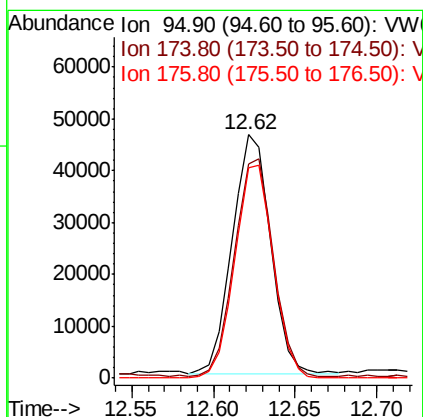
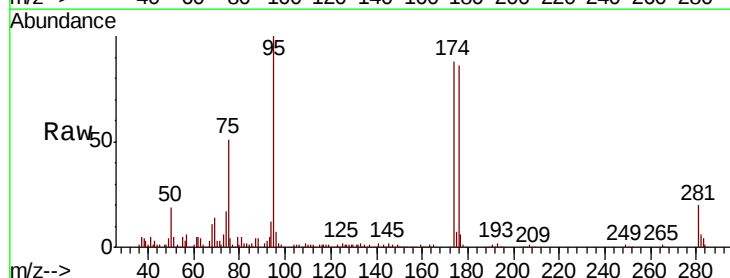
Tgt Ion: 95 Resp: 75782

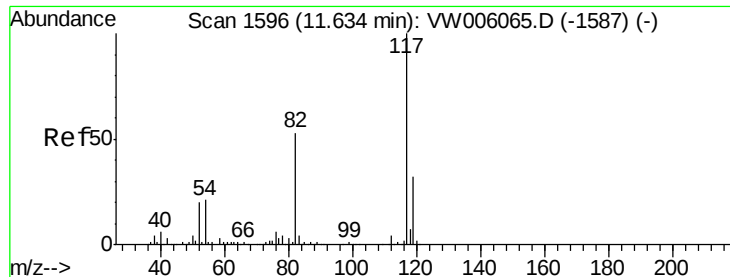
Ion Ratio Lower Upper

95 100

174 91.7 0.0 186.0

176 89.3 0.0 181.6

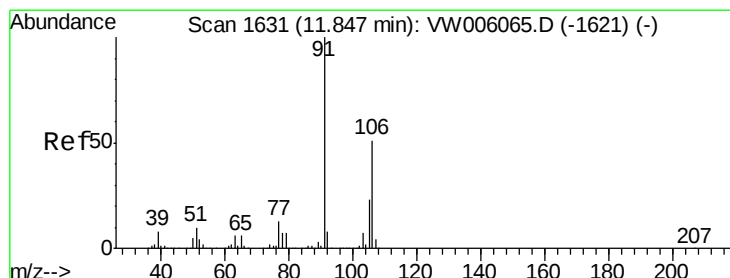
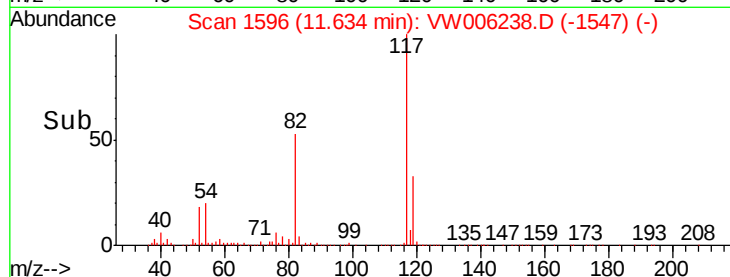
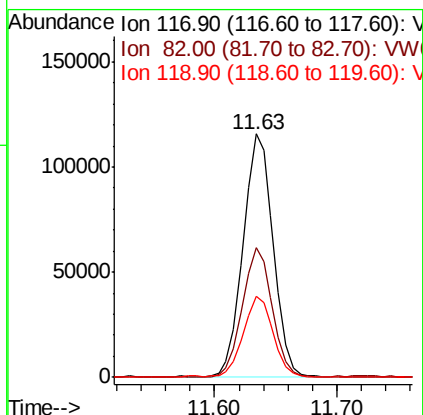
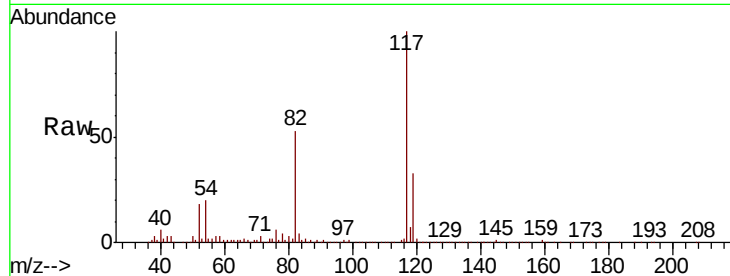




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

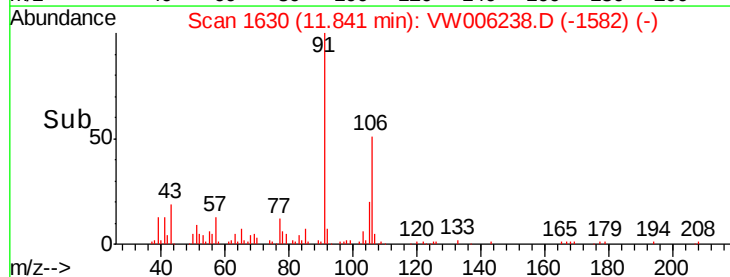
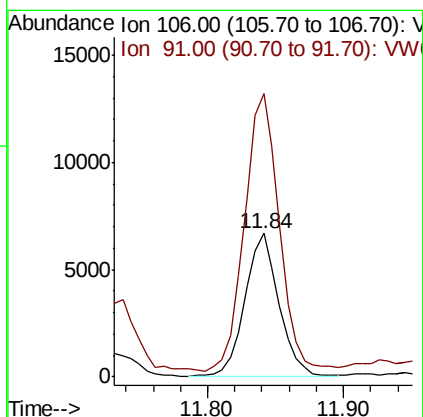
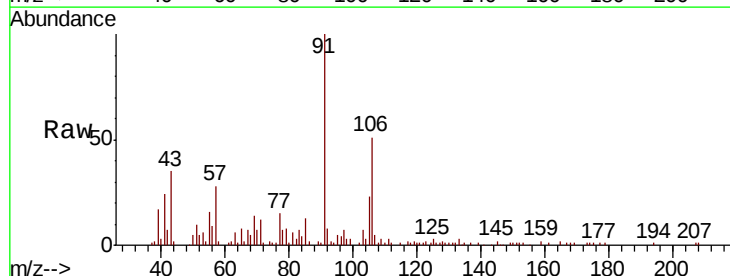
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

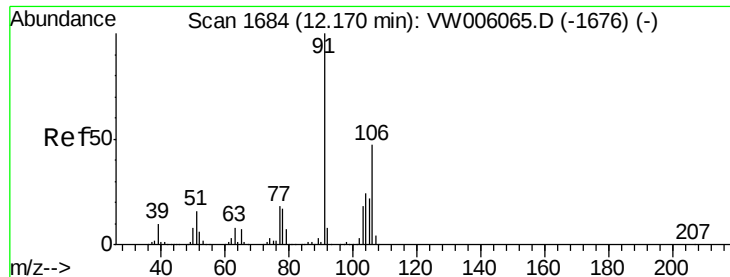
Tot Ion:117 Resp: 195944
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 32.9 25.8 38.6



#68
m/p-Xylenes
Concen: 4.110 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Tgt Ion:106 Resp: 11810
Ion Ratio Lower Upper
106 100
91 197.5 159.1 238.7

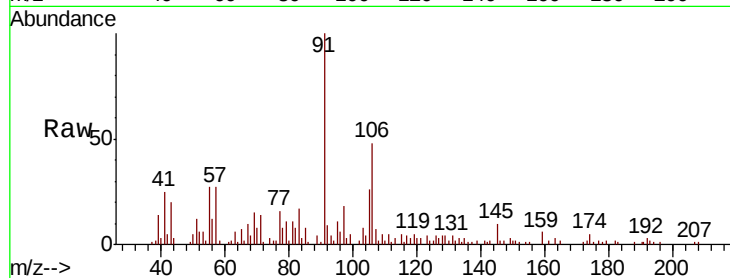




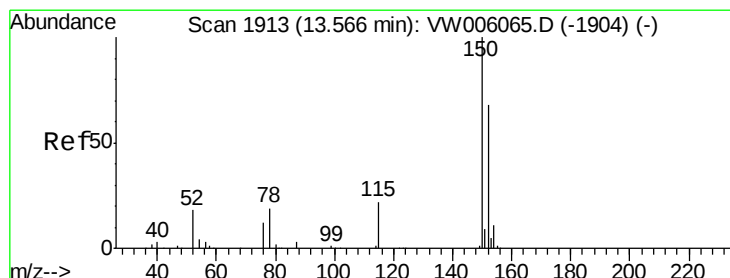
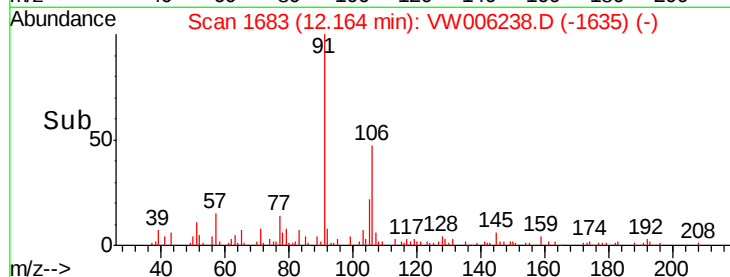
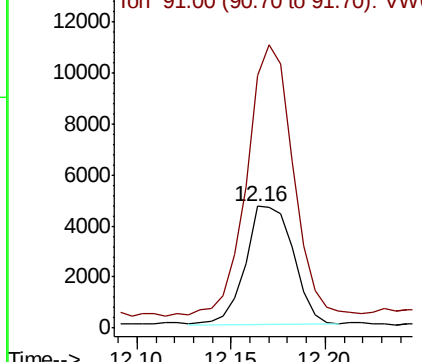
#69
o-Xylene
Concen: 2.968 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

Tot Ion:106 Resp: 8128
Ion Ratio Lower Upper
106 100
91 222.9 105.4 316.1

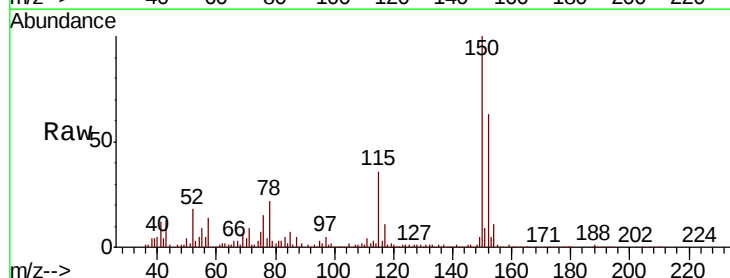


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

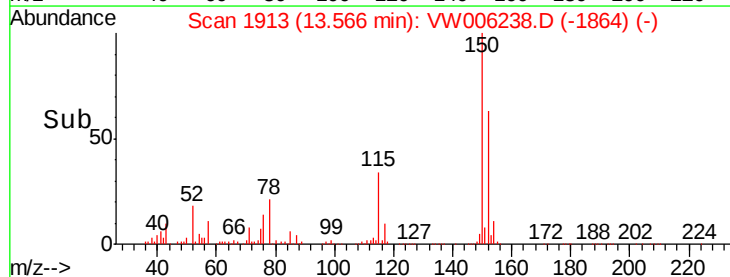
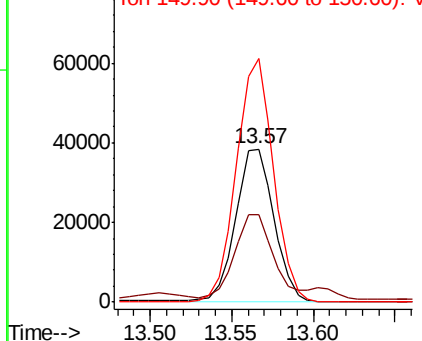


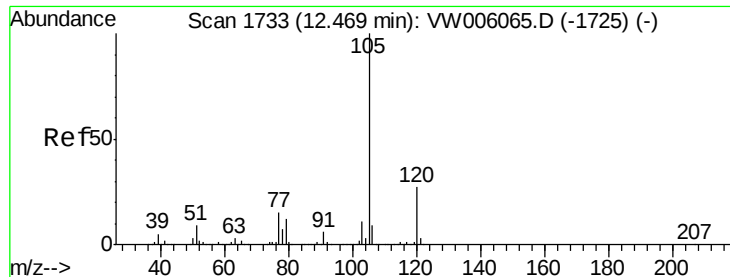
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Tgt Ion:152 Resp: 62316
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 155.3 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.335 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

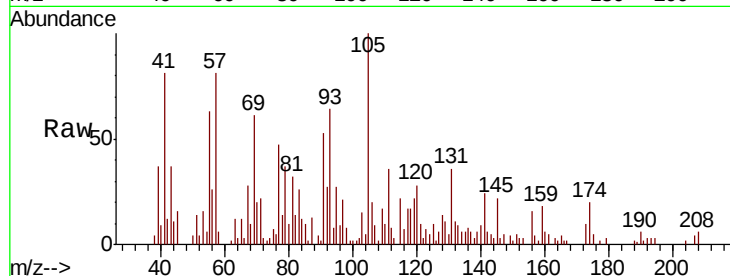
MS-VB-29736-BOX-2

Tot Ion:105 Resp: 5877

Ion Ratio Lower Upper

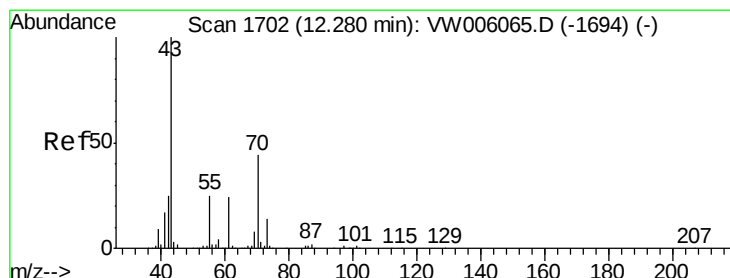
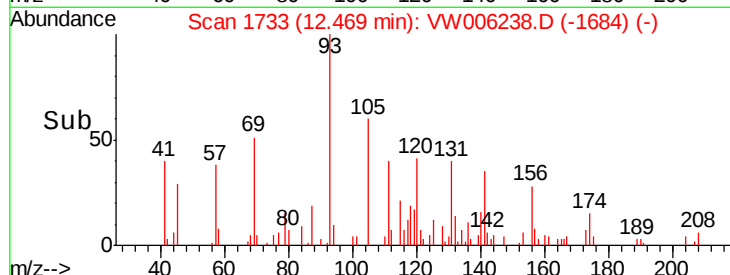
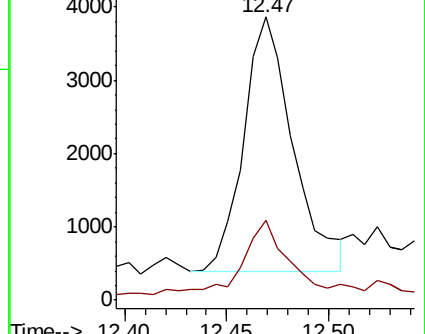
105 100

120 28.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.155 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Tgt Ion: 43 Resp: 3553

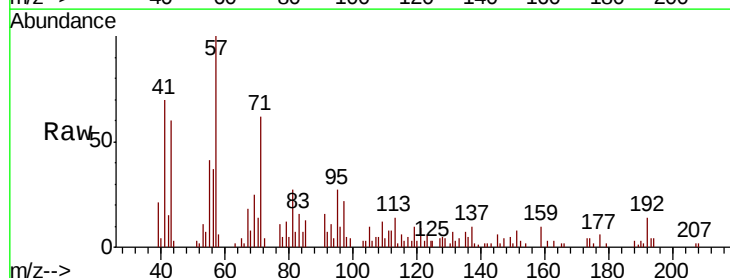
Ion Ratio Lower Upper

43 100

70 16.5 34.2 51.4#

55 0.0 19.2 28.8#

61 0.0 19.0 28.6#

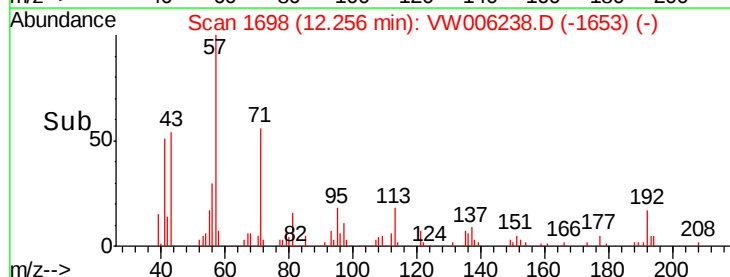
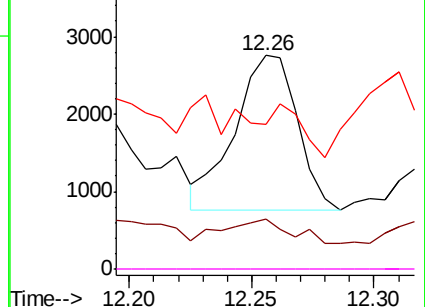


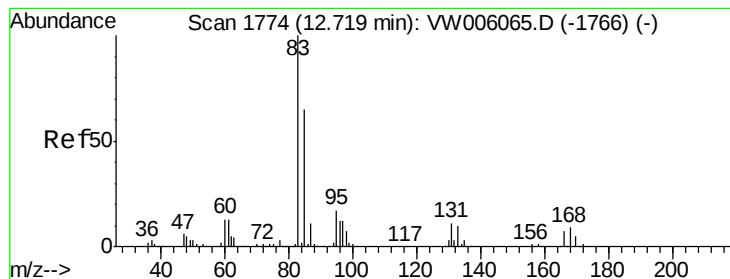
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 1.169 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2

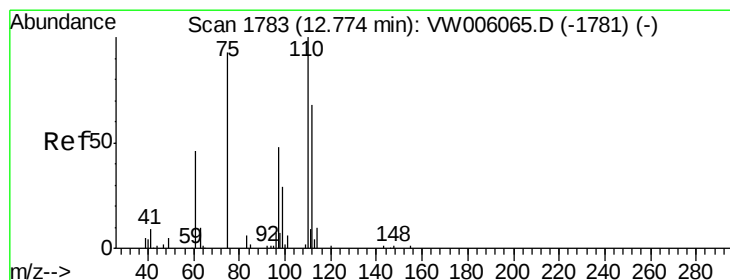
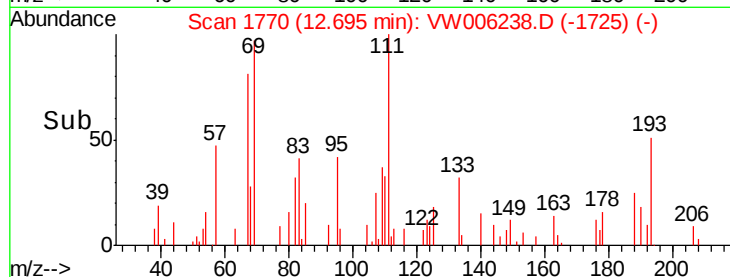
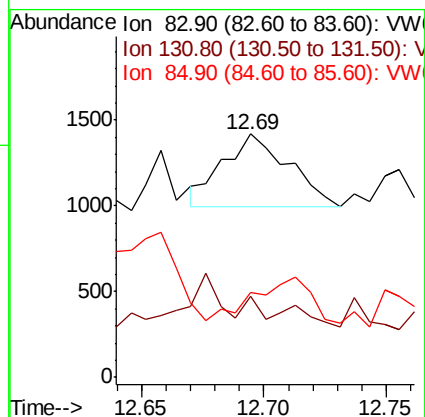
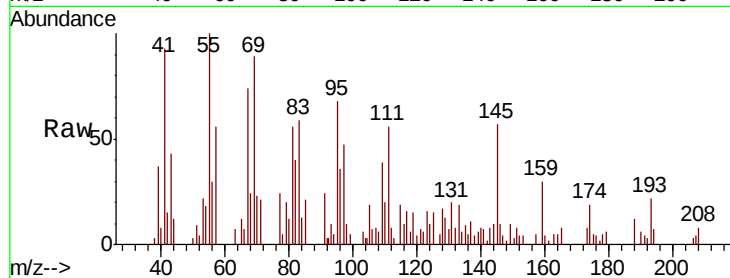
Tot Ion: 83 Resp: 783

Ion Ratio Lower Upper

83 100

131 0.0 5.9 17.7#

85 53.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 82.320 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006238.D

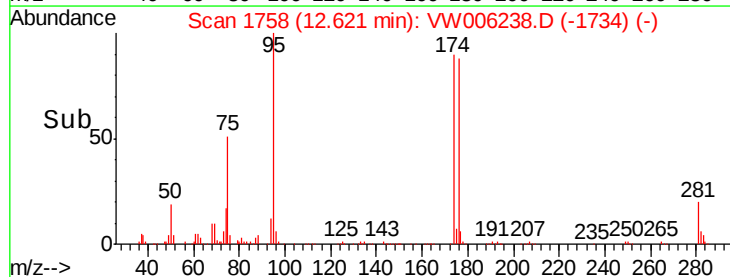
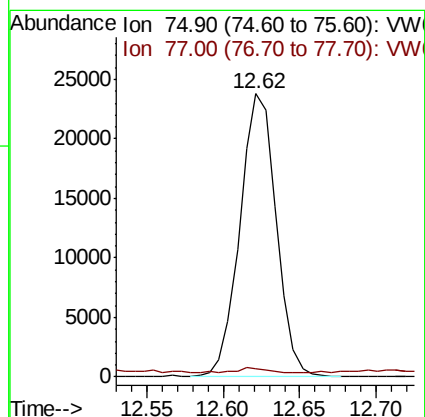
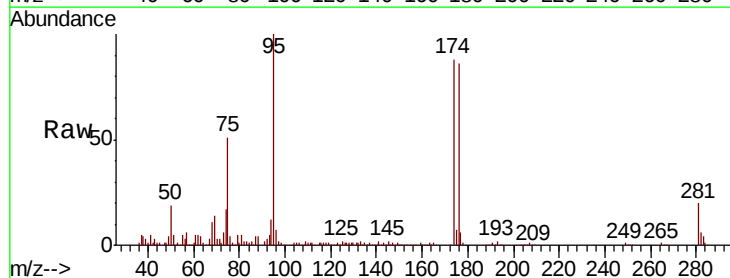
Acq: 19 Oct 2018 20:55

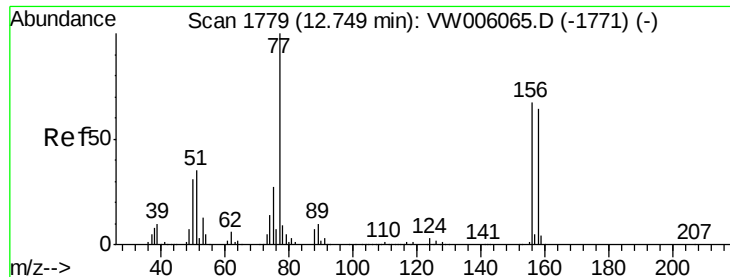
Tgt Ion: 75 Resp: 39182

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#77

Bromobenzene

Concen: 21.905 ug/l

RT: 12.96 min Scan# 1813

Delta R.T. 0.21 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2

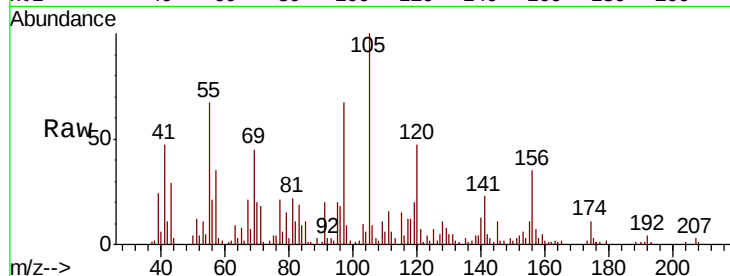
Tot Ion:156 Resp: 23620

Ion Ratio Lower Upper

156 100

77 20.1 79.1 237.4#

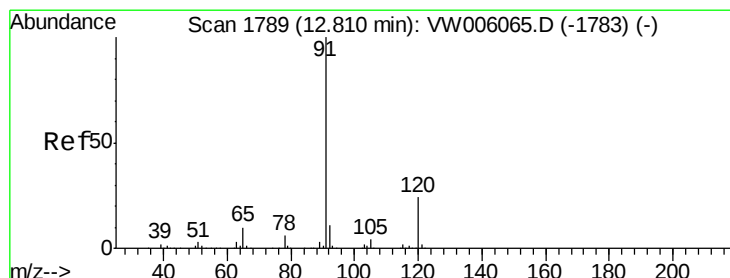
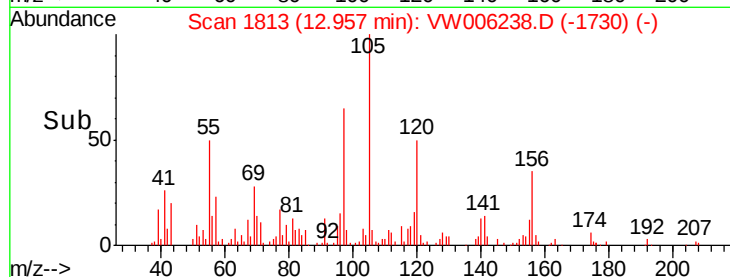
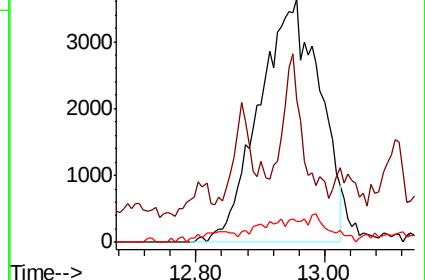
158 0.0 48.5 145.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.208 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006238.D

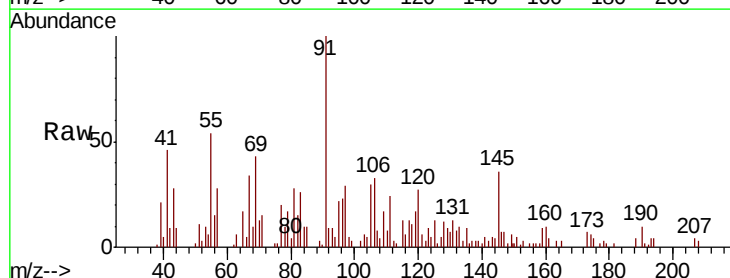
Acq: 19 Oct 2018 20:55

Tgt Ion: 91 Resp: 6185

Ion Ratio Lower Upper

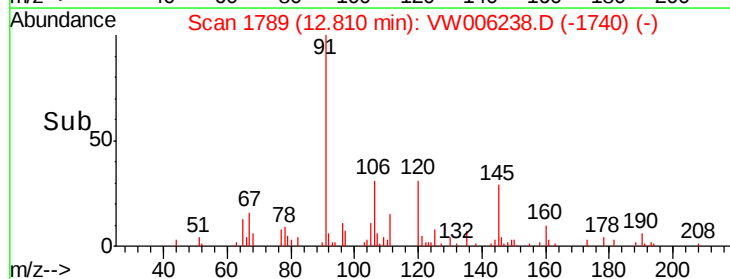
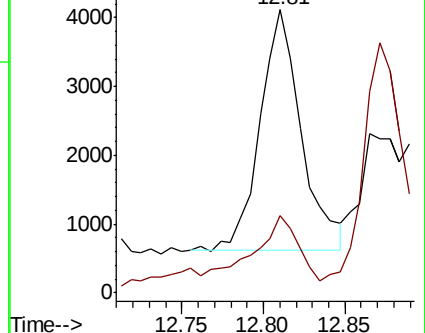
91 100

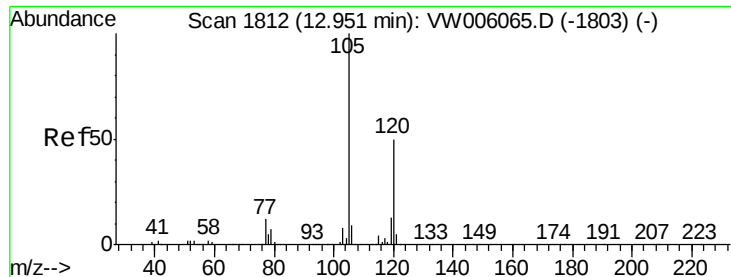
120 31.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

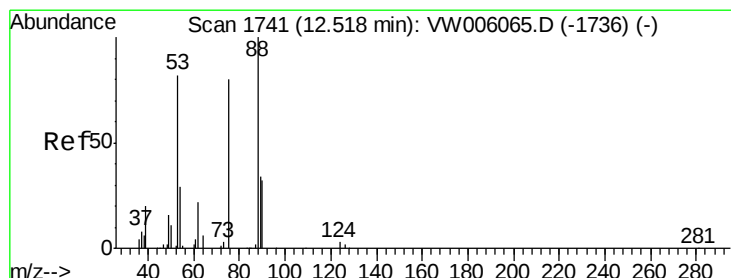
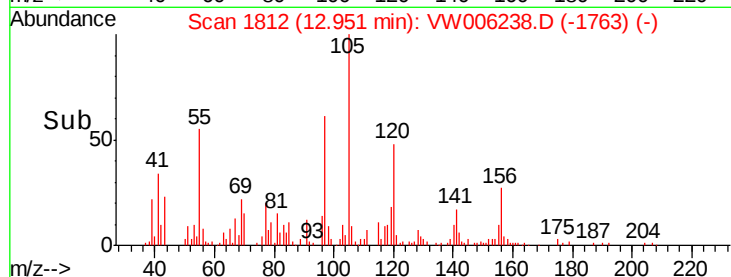
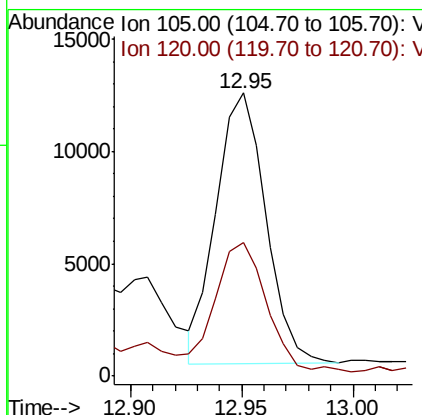
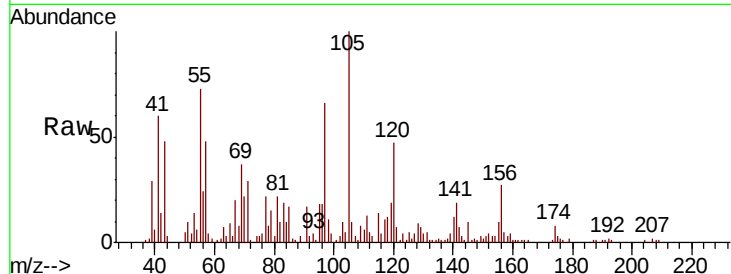




#80
 1,3,5-Trimethylbenzene
 Concen: 5.040 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

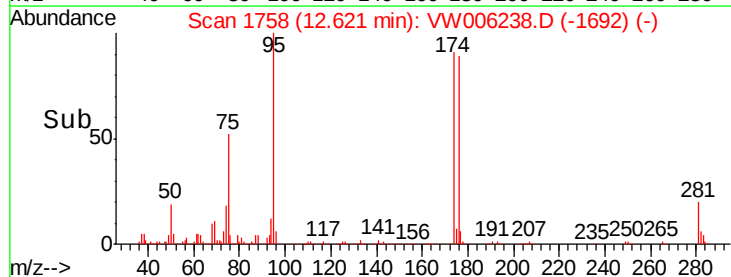
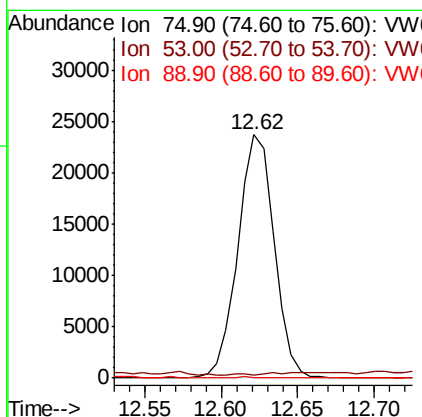
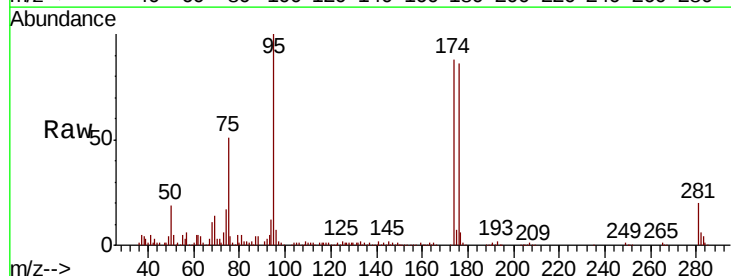
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2

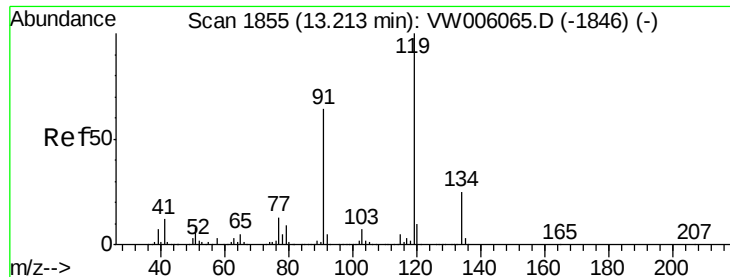
Tot Ion:105 Resp: 18707
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 196.777 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

Tgt Ion: 75 Resp: 39182
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.2 37.5 56.3#

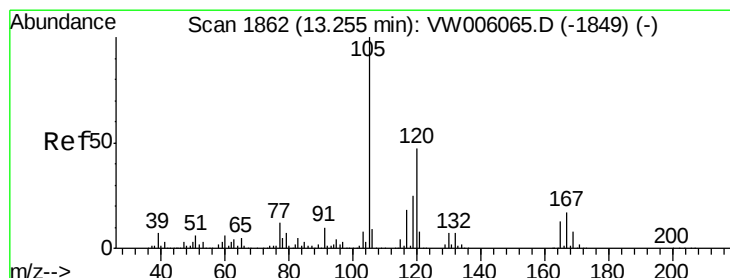
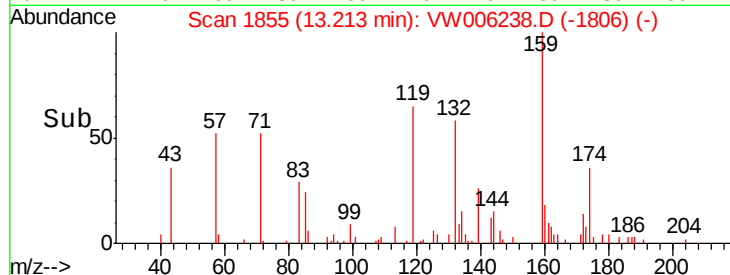
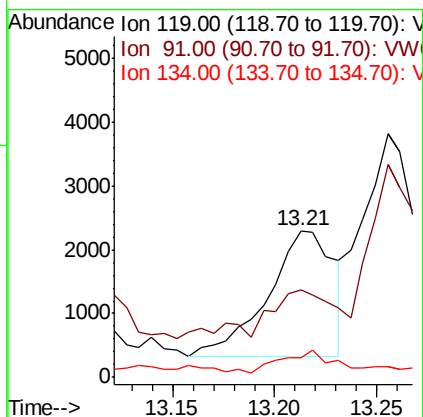
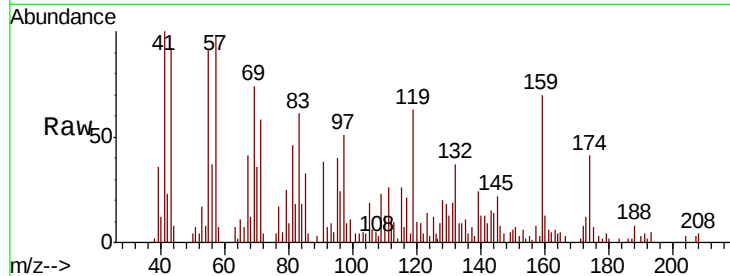




#83
tert-Butylbenzene
Concen: 1.348 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

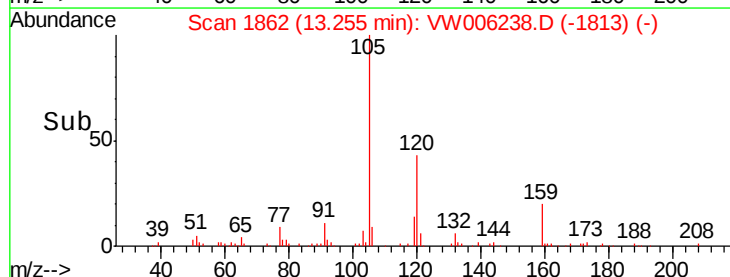
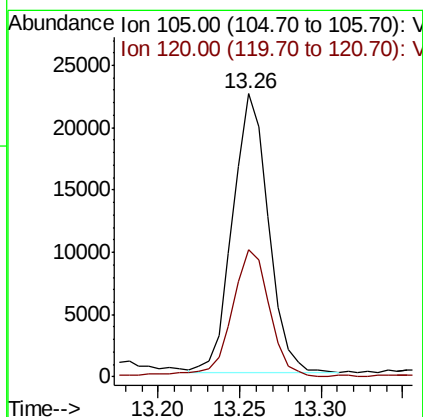
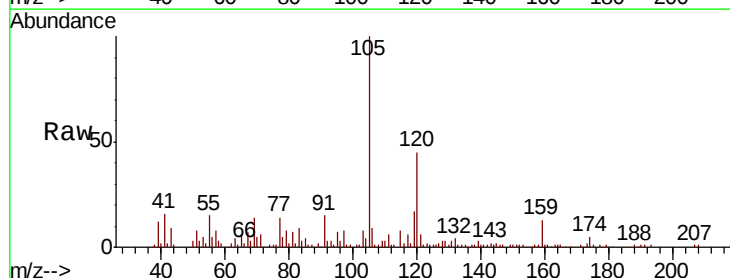
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

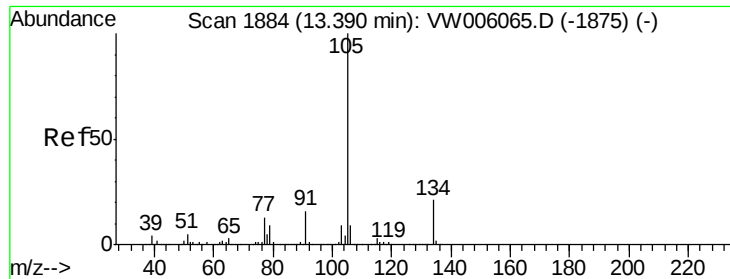
Tot Ion:119 Resp: 4475
Ion Ratio Lower Upper
119 100
91 42.7 32.3 96.9
134 13.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 9.128 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Tgt Ion:105 Resp: 34282
Ion Ratio Lower Upper
105 100
120 48.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 2.163 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

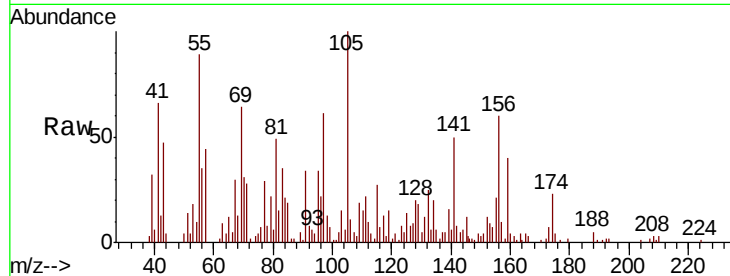
MS-VB-29736-BOX-2

Tot Ion:105 Resp: 10146

Ion Ratio Lower Upper

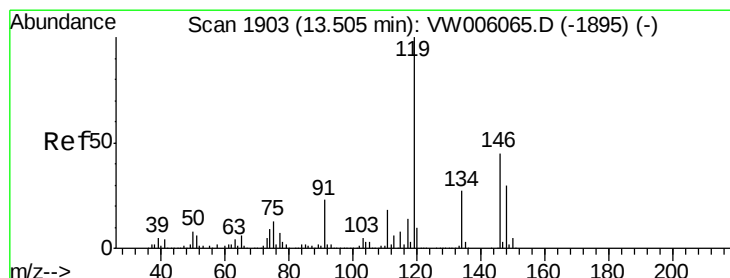
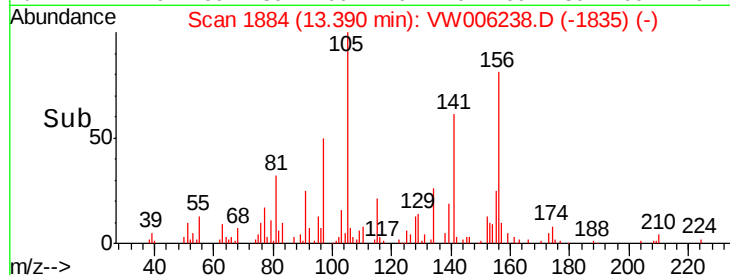
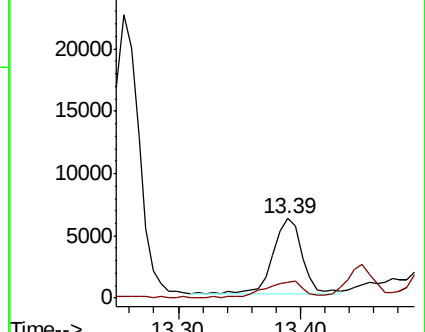
105 100

134 31.6 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.346 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

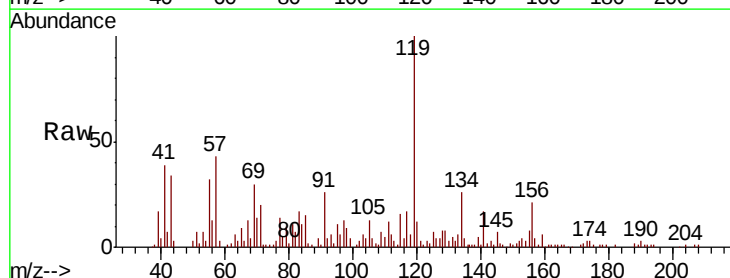
Tgt Ion:119 Resp: 22683

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

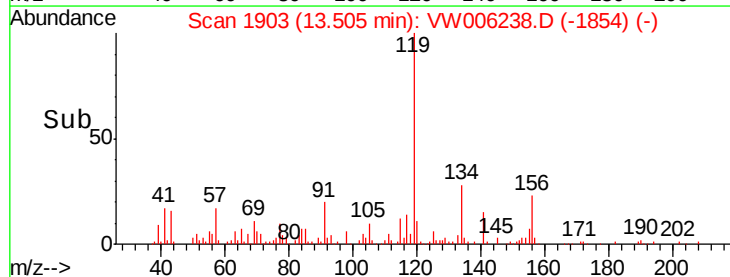
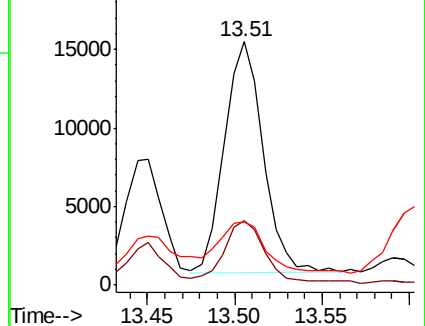
91 26.1 11.4 34.1

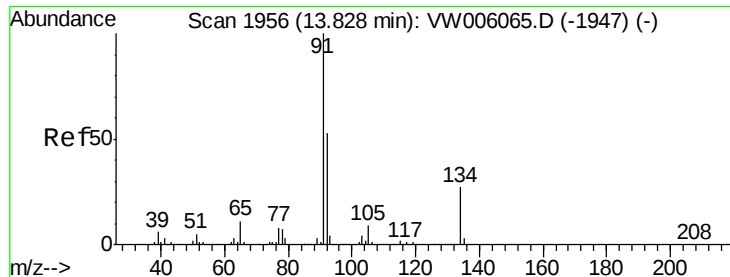


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

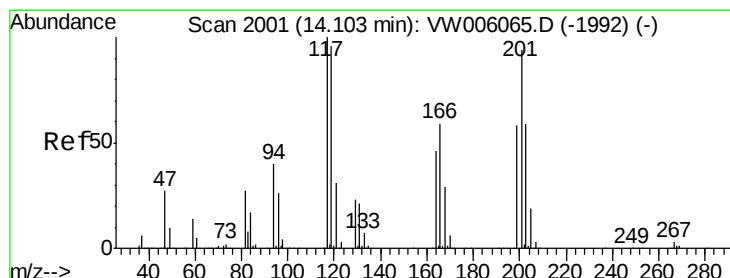
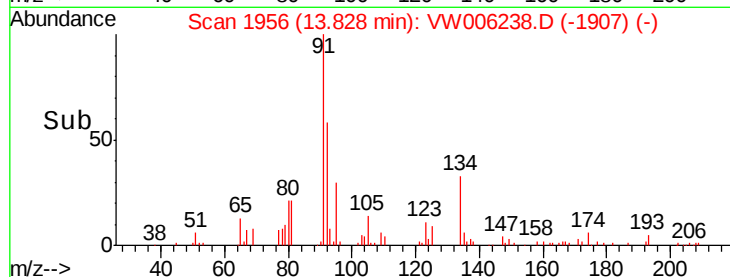
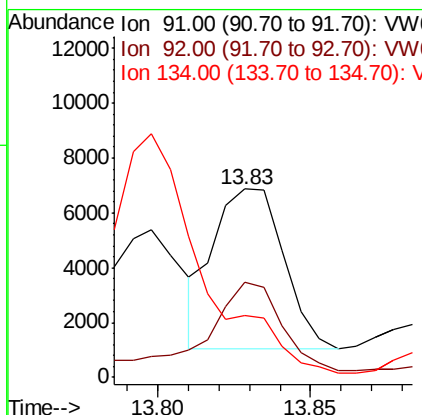
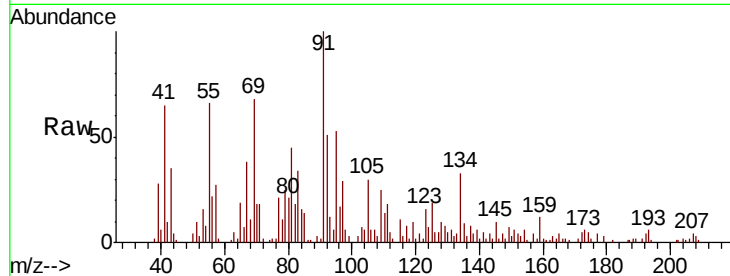




#89
n-Butylbenzene
Concen: 2.376 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

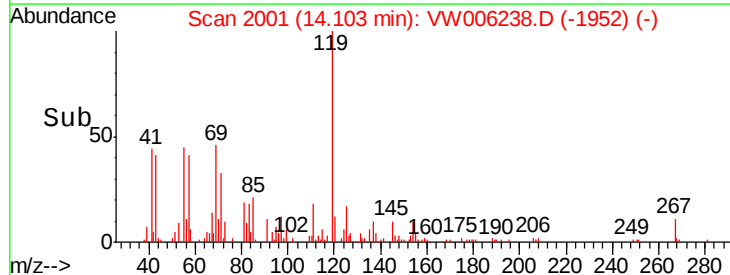
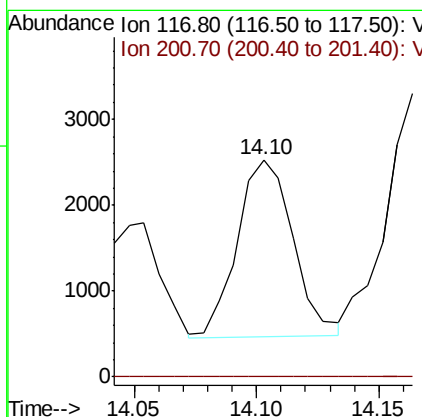
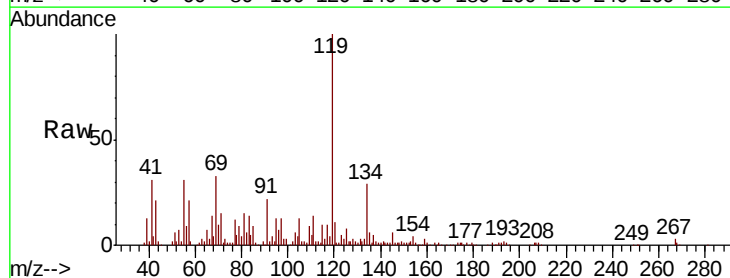
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

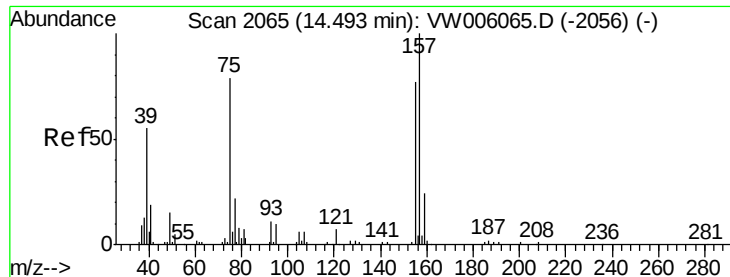
Tot Ion: 91 Resp: 9218
Ion Ratio Lower Upper
91 100
92 60.1 26.6 79.7
134 0.0 14.0 41.9#



#90
Hexachloroethane
Concen: 4.578 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

Tgt Ion: 117 Resp: 3290
Ion Ratio Lower Upper
117 100
201 0.0 45.3 135.9#

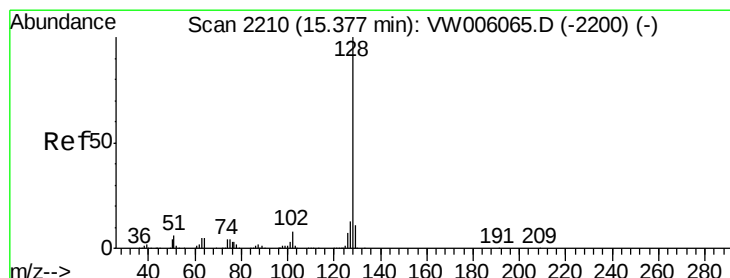
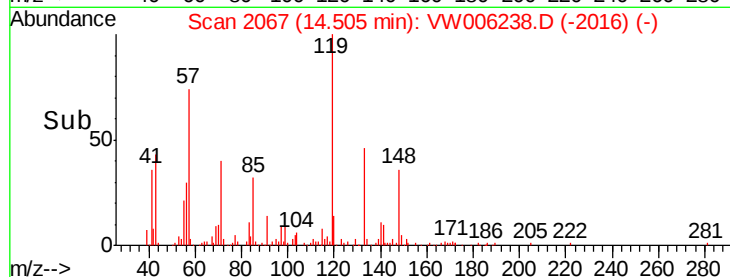
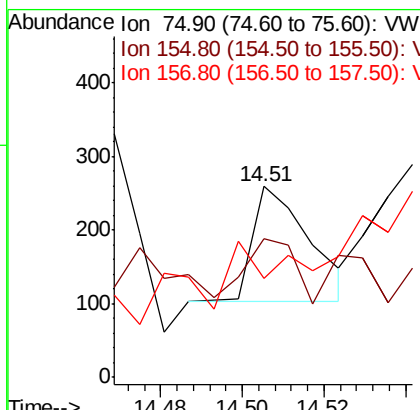
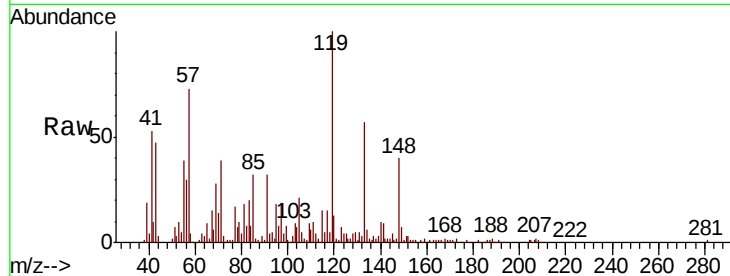




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.251 ug/l
 RT: 14.51 min Scan# 2067
 Delta R.T. 0.01 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

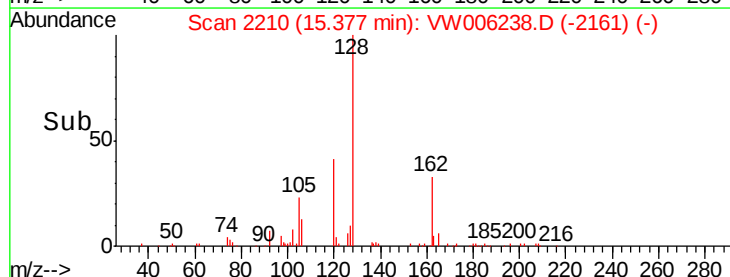
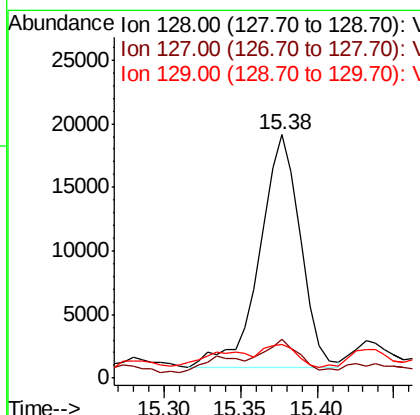
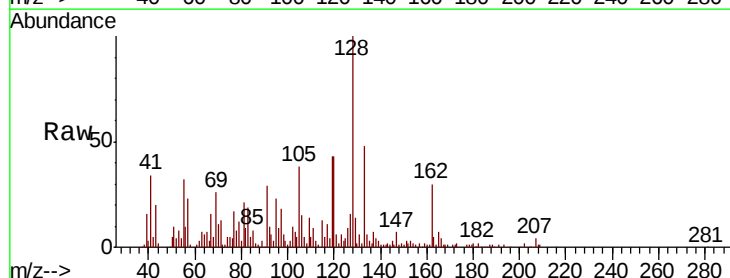
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2

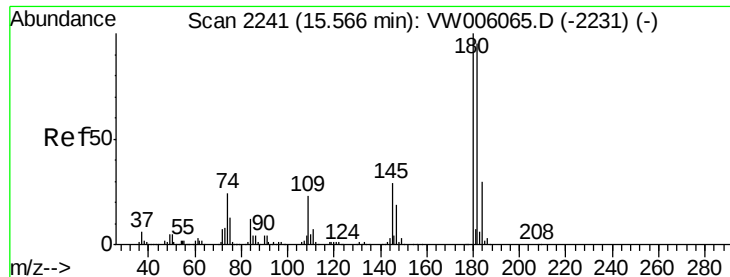
Tot Ion: 75 Resp: 150
 Ion Ratio Lower Upper
 75 100
 155 54.0 46.5 139.5
 157 0.0 59.8 179.4#



#95
 Naphthalene
 Concen: 13.869 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

Tgt Ion: 128 Resp: 33981
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.3 15.5
 129 8.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 1.018 ug/l

RT: 15.58 min Scan# 2244

Delta R.T. 0.02 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2

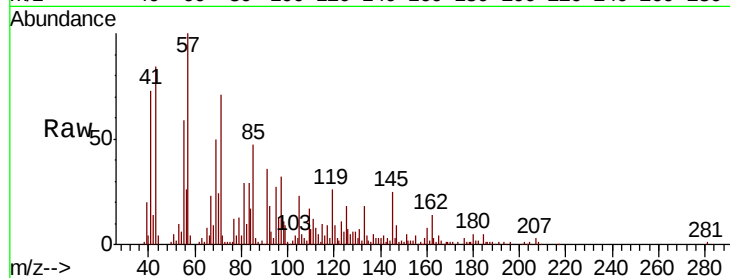
Tot Ion:180 Resp: 1297

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 1465.0 15.0 45.1#



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

