

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101918\
 Data File : VW006240.D
 Acq On : 19 Oct 2018 21:47
 Operator : VA/AP
 Sample : J5604-01RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 20 01:22:52 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	193485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	197794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62150	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	94212	58.73	ug/l	0.00
Spiked Amount			Recovery	=	117.46%	
35) Dibromofluoromethane	7.89	113	86849	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.33	98	279052	43.87	ug/l	0.00
Spiked Amount			Recovery	=	87.74%	
62) 4-Bromofluorobenzene	12.62	95	77482	32.43	ug/l	0.00
Spiked Amount			Recovery	=	64.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	116	1.075	ug/l #	71
16) Acetone	4.15	43	20050	55.083	ug/l	99
17) Carbon Disulfide	4.37	76	5386	1.104	ug/l	97
18) Methyl Acetate	4.69	43	963	1.193	ug/l #	54
20) Methylene Chloride	4.92	84	5980	1.959	ug/l	90
25) 2-Butanone	7.20	43	3849	8.882	ug/l	96
29) Tetrahydrofuran	7.56	42	983	3.690	ug/l #	69
31) Cyclohexane	7.95	56	5684	1.936	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	12775	4.898	ug/l #	49
38) Carbon Tetrachloride	7.95	117	17290	6.047	ug/l #	17
39) Methylcyclohexane	9.34	83	8607	2.482	ug/l	94
40) Benzene	8.33	78	8637	1.207	ug/l	98
48) Methyl methacrylate	9.34	41	4223	4.496	ug/l #	72
51) 4-Methyl-2-Pentanone	10.22	43	1301	1.311	ug/l #	82
52) Toluene	10.39	92	15047	3.137	ug/l	97
56) Ethyl methacrylate	10.68	69	2168	1.295	ug/l #	90
58) 2-Chloroethyl Vinyl ether	9.93	63	850	1.329	ug/l #	81
67) Ethyl Benzene	11.74	91	7563	1.031	ug/l	97
68) m/p-Xylenes	11.84	106	12680	4.372	ug/l	98
69) o-Xylene	12.17	106	10859	3.929	ug/l	84
73) Isopropylbenzene	12.47	105	7879	1.794	ug/l	99
74) N-amyl acetate	12.26	43	4485	5.259	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.69	83	2090	3.130	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	39265	82.715	ug/l #	100
78) n-propylbenzene	12.81	91	6275	1.228	ug/l	94
80) 1,3,5-Trimethylbenzene	12.95	105	20317	5.489	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	39265	197.721	ug/l #	11
83) tert-Butylbenzene	13.21	119	3436	1.038	ug/l	84
84) 1,2,4-Trimethylbenzene	13.26	105	37250	9.945	ug/l	98
85) sec-Butylbenzene	13.39	105	10299	2.201	ug/l #	74
86) p-Isopropyltoluene	13.51	119	22641	5.350	ug/l	95
89) n-Butylbenzene	13.83	91	9708	2.508	ug/l #	71
90) Hexachloroethane	14.10	117	3591	5.010	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	14.51	75	195	1.631	ug/l #	51

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QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

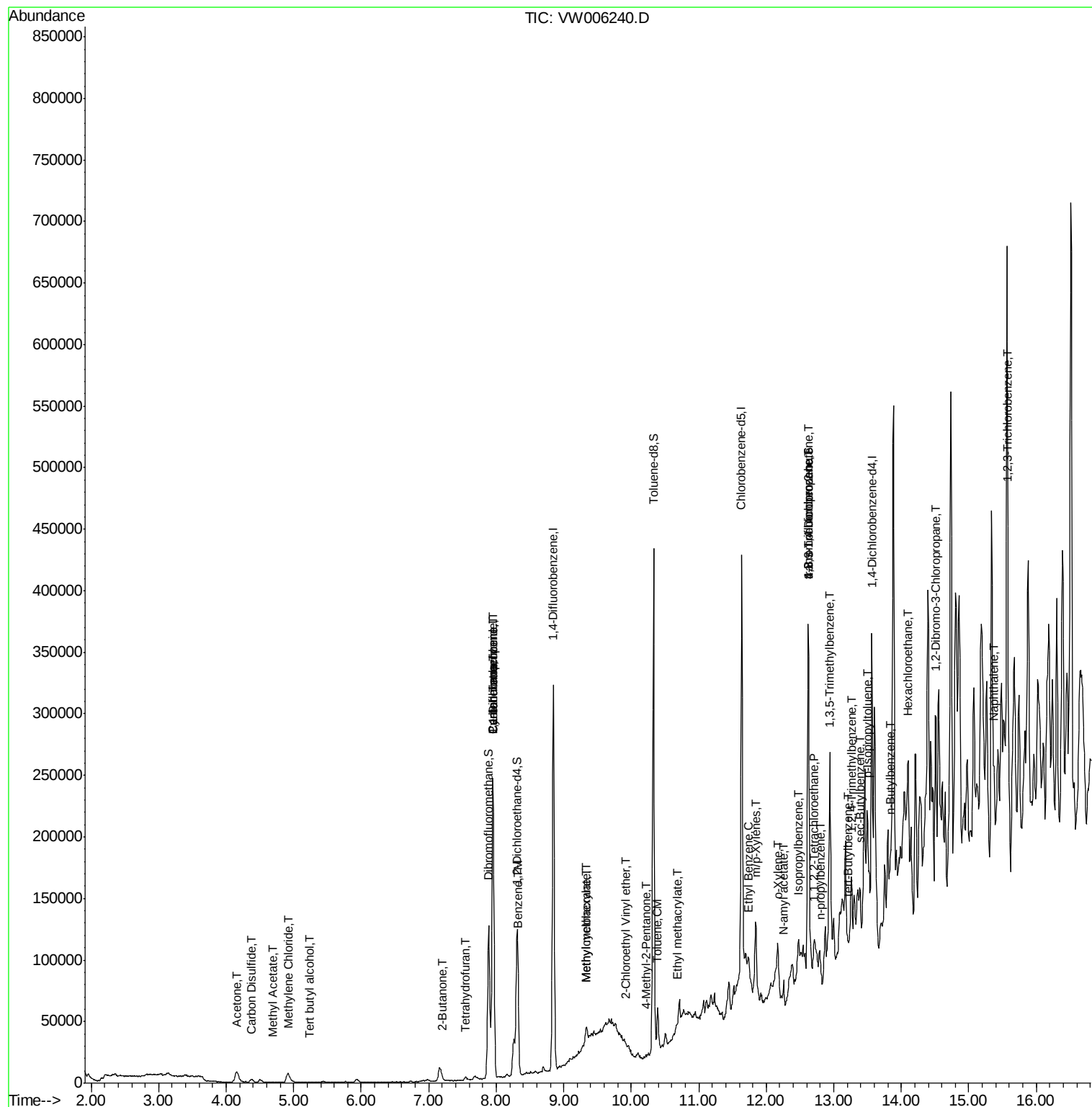
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	37804	15.470	ug/l	98
96) 1,2,3-Trichlorobenzene	15.58	180	1354	1.066	ug/l #	1

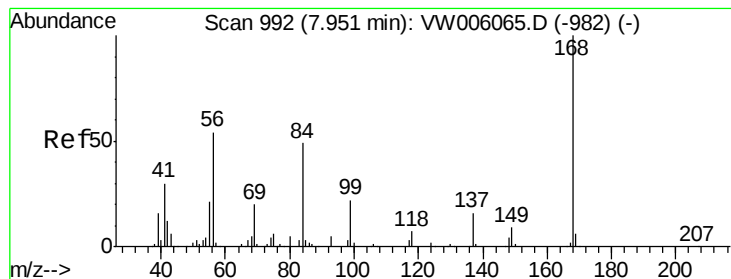
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

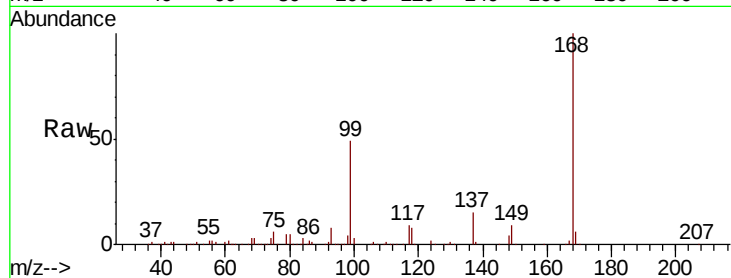
MS-VB-29736-BOX-2RE

Tot Ion:168 Resp: 193485

Ion Ratio Lower Upper

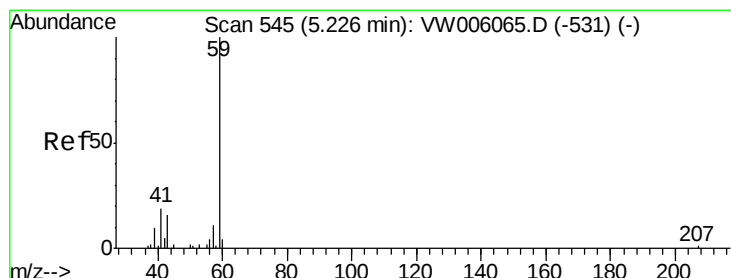
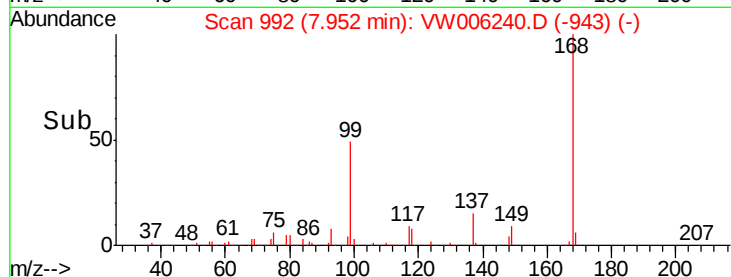
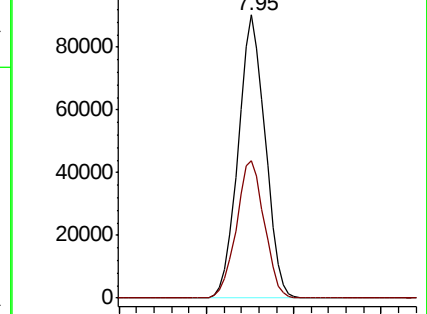
168 100

99 48.6 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: 1.075 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006240.D

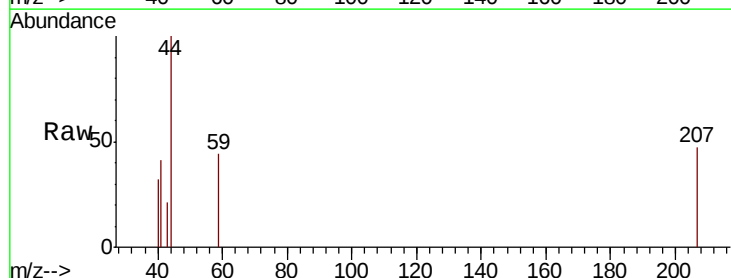
Acq: 19 Oct 2018 21:47

Tgt Ion: 59 Resp: 116

Ion Ratio Lower Upper

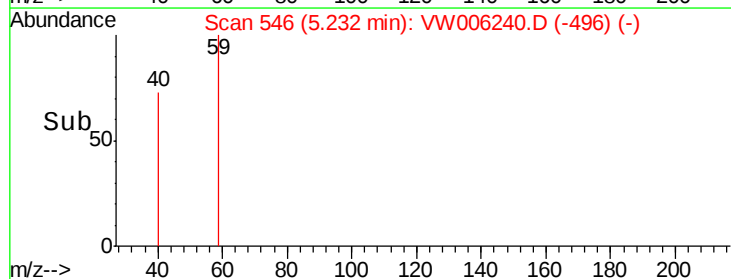
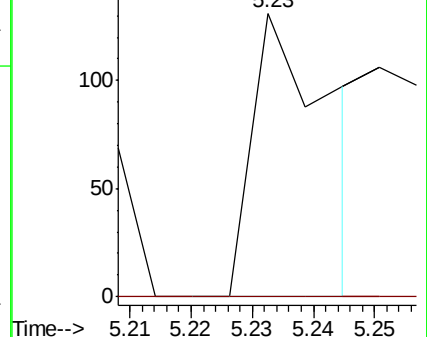
59 100

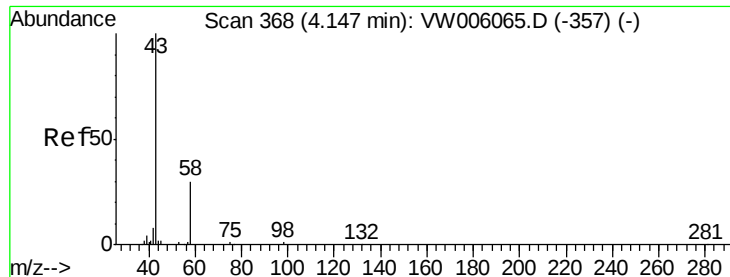
57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 55.083 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

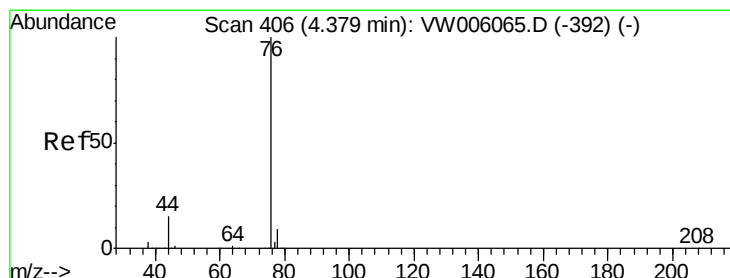
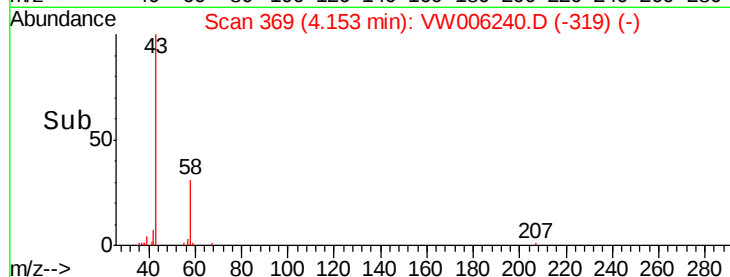
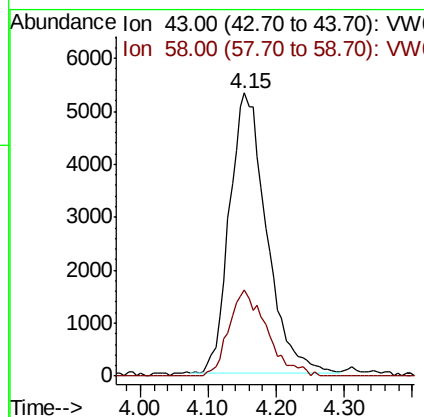
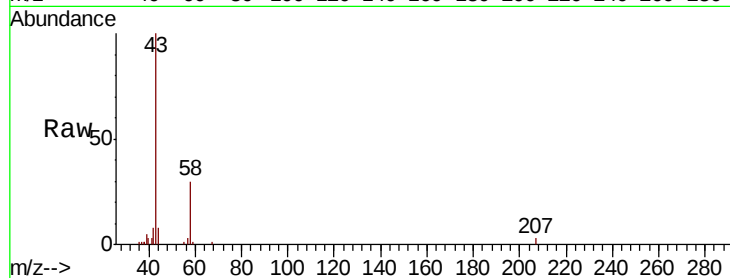
MS-VB-29736-BOX-2RE

Tot Ion: 43 Resp: 20050

Ion Ratio Lower Upper

43 100

58 30.6 24.0 36.0



#17

Carbon Disulfide

Concen: 1.104 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006240.D

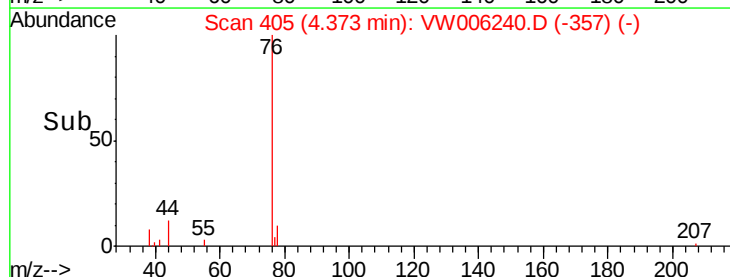
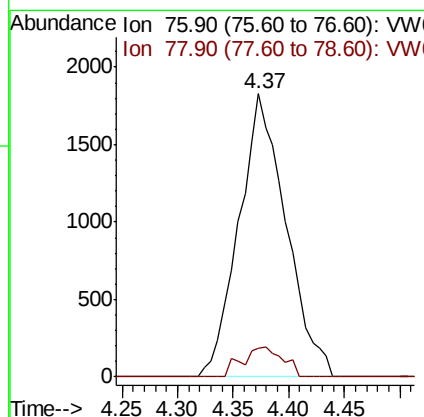
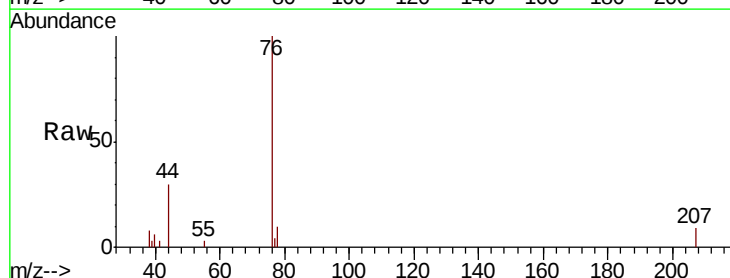
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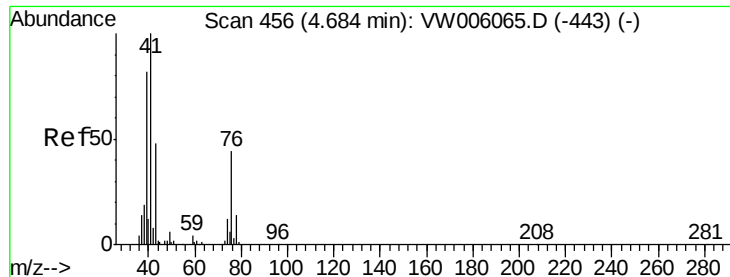
Tgt Ion: 76 Resp: 5386

Ion Ratio Lower Upper

76 100

78 10.3 7.5 11.3

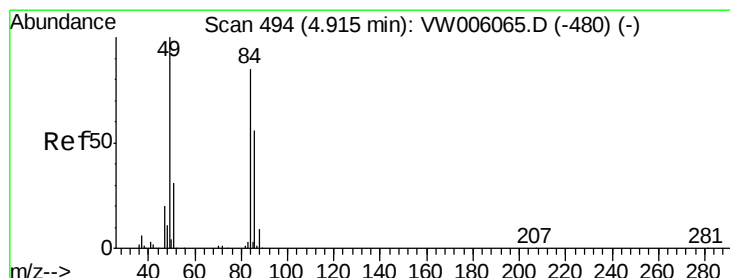
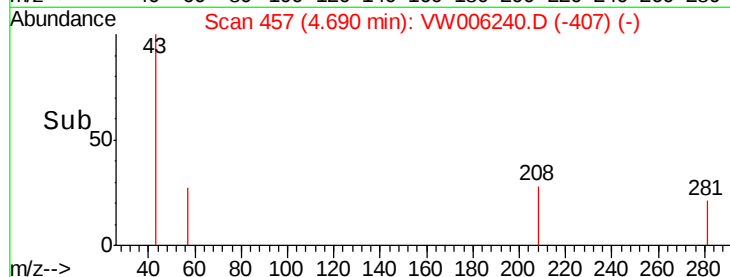
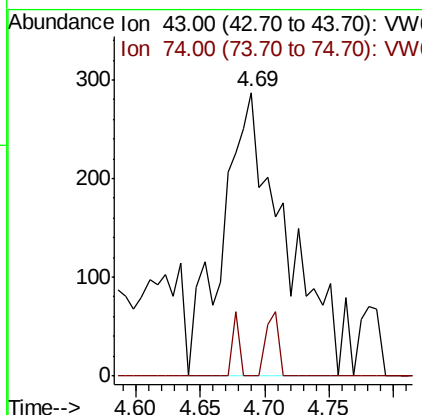
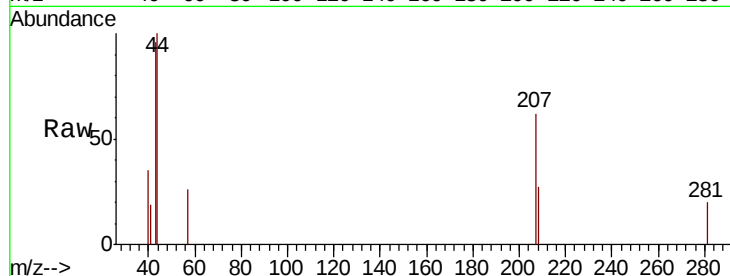




#18
Methyl Acetate
Concen: 1.193 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

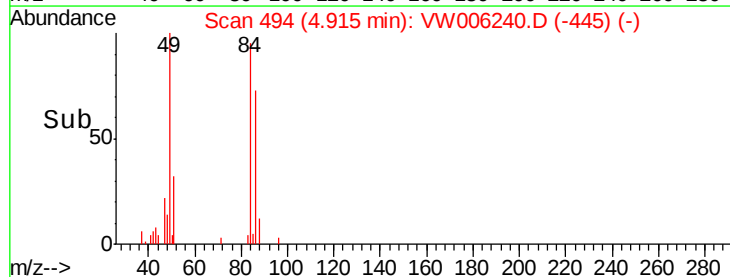
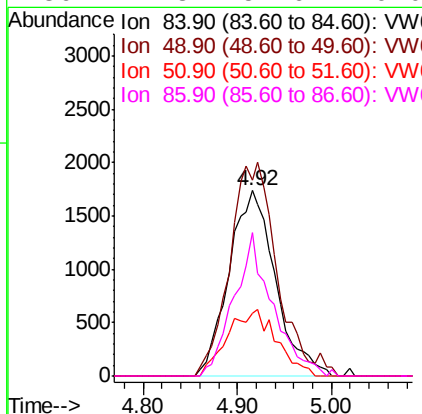
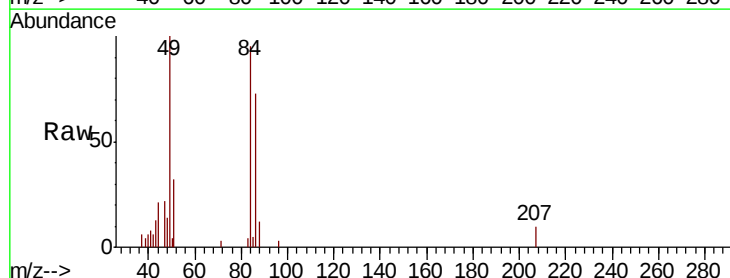
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2RE

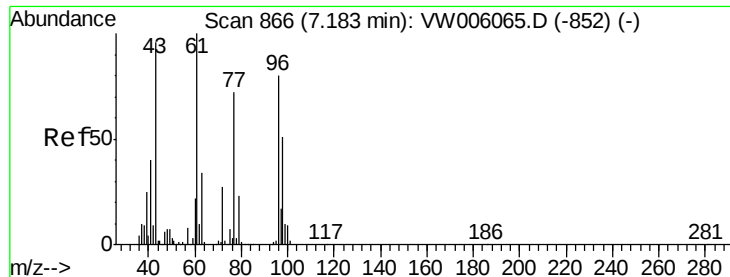
Tot Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
74 2.5 20.5 30.7#



#20
Methylene Chloride
Concen: 1.959 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion: 84 Resp: 5980
Ion Ratio Lower Upper
84 100
49 105.7 93.6 140.4
51 34.1 29.0 43.4
86 77.3 52.6 79.0

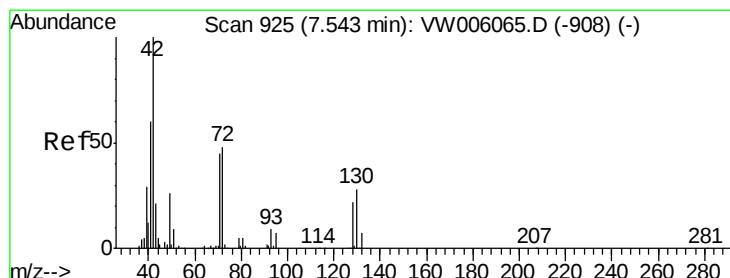
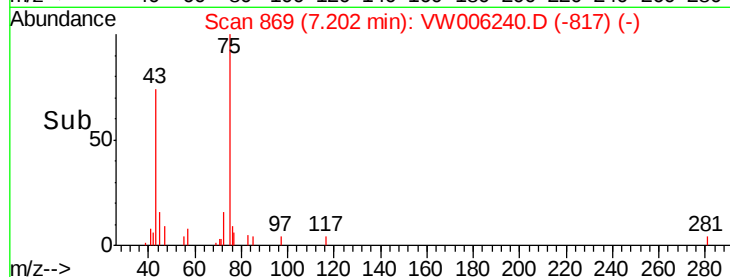
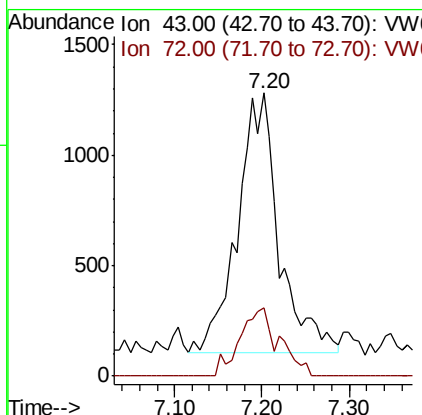
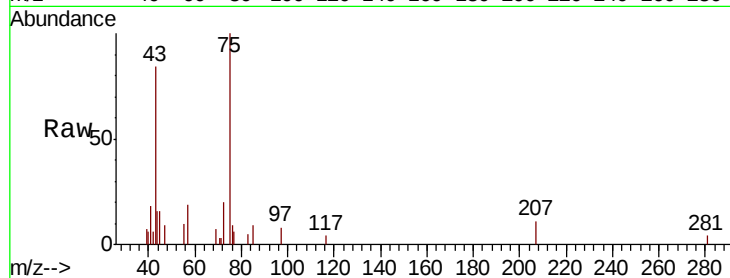




#25
2-Butanone
Concen: 8.882 ug/l
RT: 7.20 min Scan# 869
Delta R.T. 0.02 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

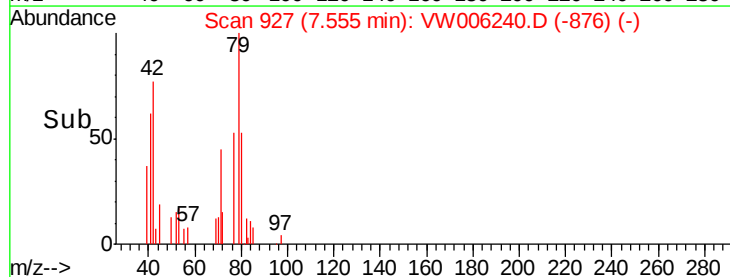
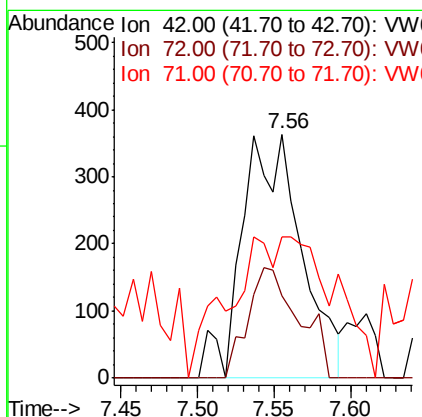
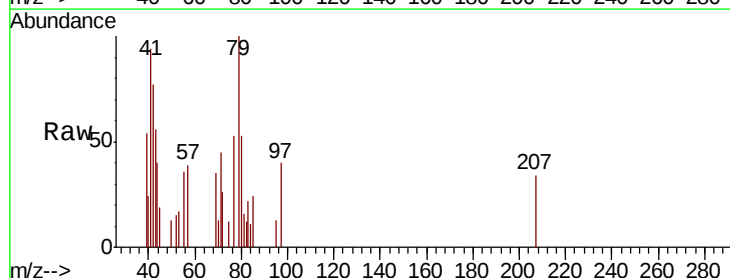
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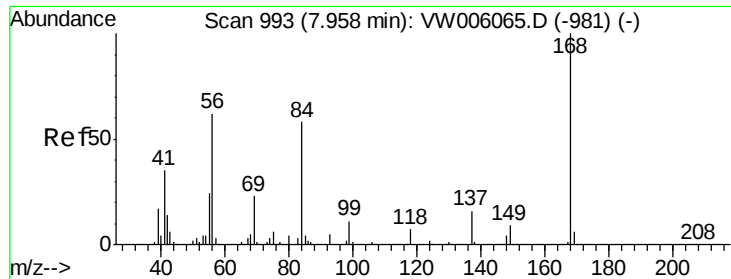
Tot Ion: 43 Resp: 3849
Ion Ratio Lower Upper
43 100
72 26.3 22.8 34.2



#29
Tetrahydrofuran
Concen: 3.690 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.01 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion: 42 Resp: 983
Ion Ratio Lower Upper
42 100
72 38.8 38.0 57.0
71 11.9 35.3 52.9#

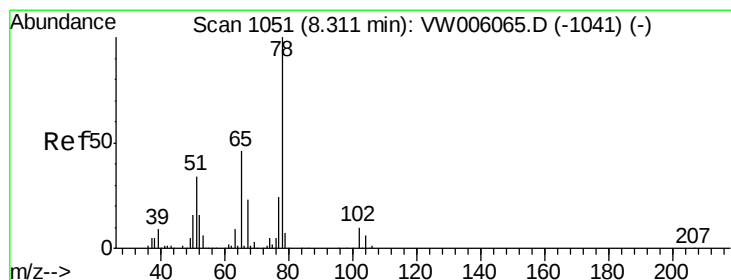
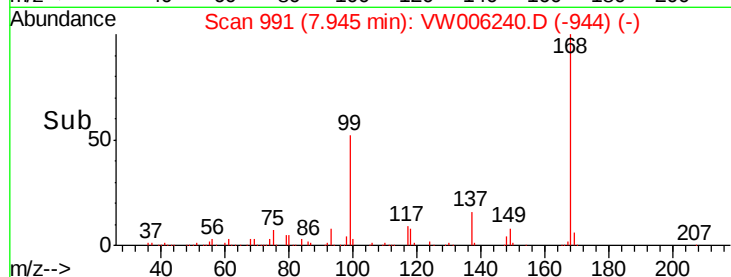
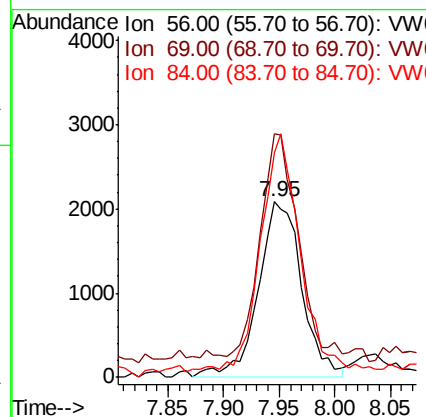
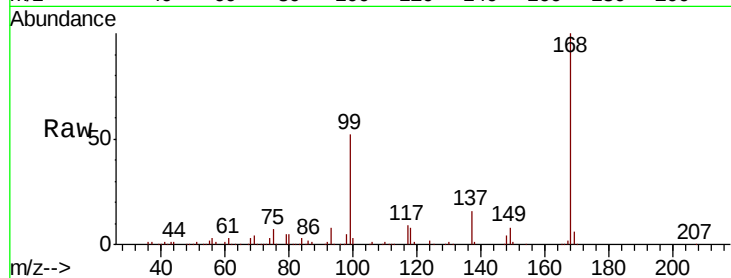




#31
Cyclohexane
Concen: 1.936 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

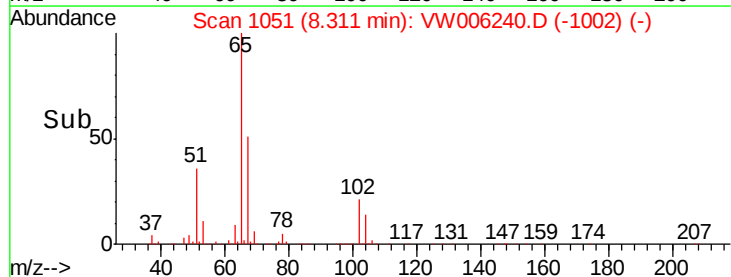
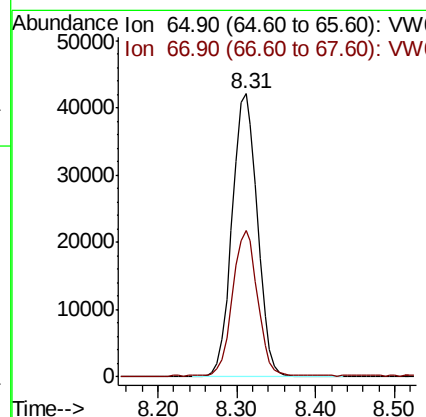
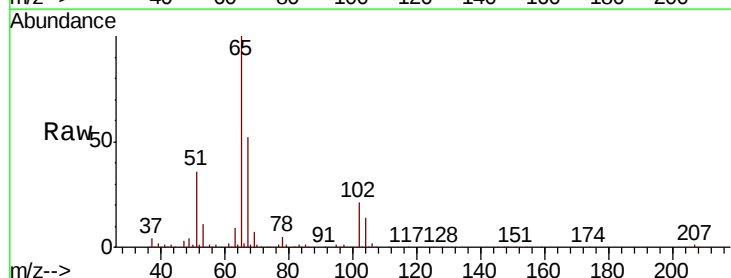
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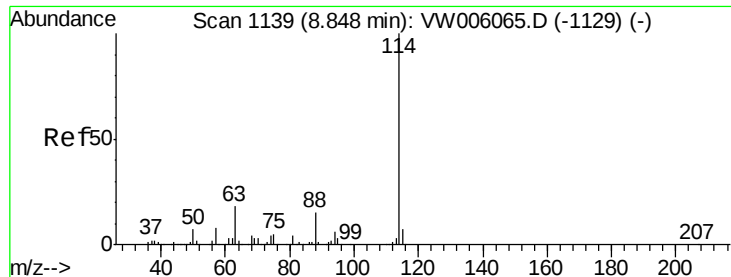
Tot Ion: 56 Resp: 5684
Ion Ratio Lower Upper
56 100
69 126.8 29.4 44.0#
84 123.5 74.0 111.0#



#33
1,2-Dichloroethane-d4
Concen: 58.732 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion: 65 Resp: 94212
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.0

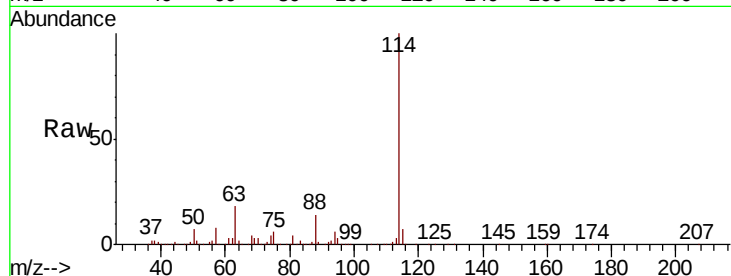




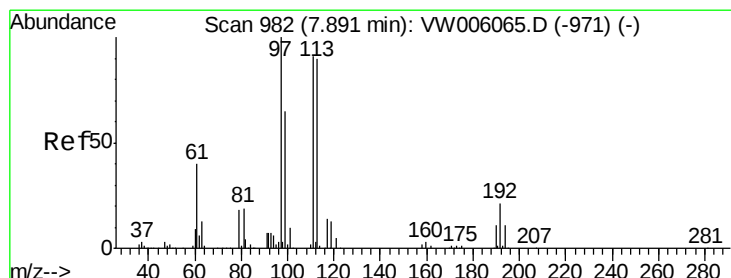
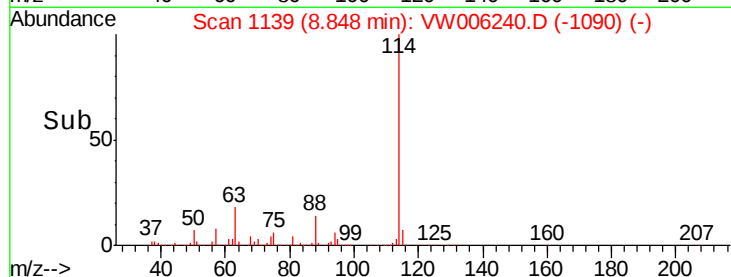
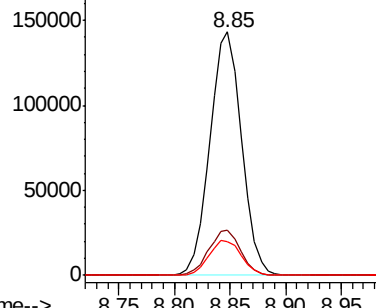
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006240.D
 Acq: 19 Oct 2018 21:47

Instrument :
 MSVOA_W
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Tot Ion:114	Resp:	282976
Ion	Ratio	Lower Upper
114	100	
63	18.3	0.0 36.8
88	14.1	0.0 29.0

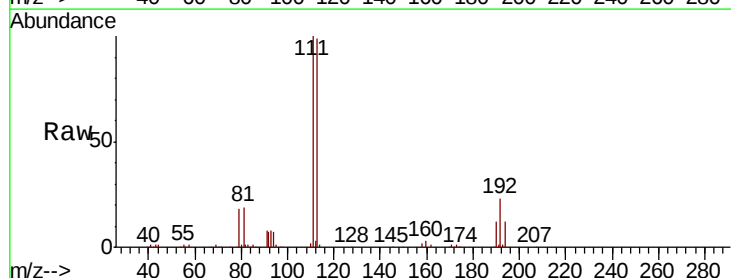


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

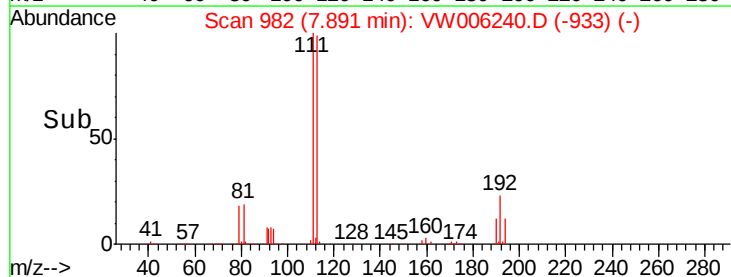
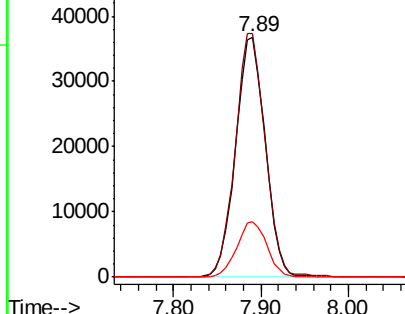


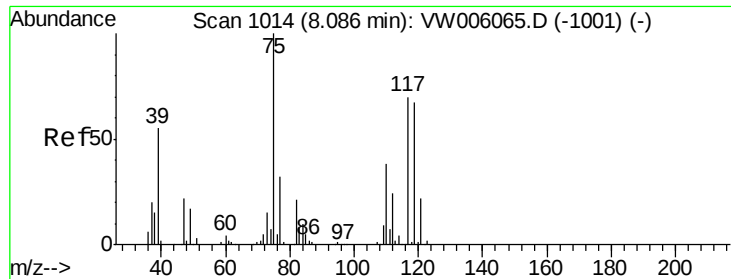
#35
 Dibromofluoromethane
 Concen: 51.940 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006240.D
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Tgt Ion:113	Resp:	86849
Ion	Ratio	Lower Upper
113	100	
111	102.6	81.4 122.0
192	23.3	18.7 28.1



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

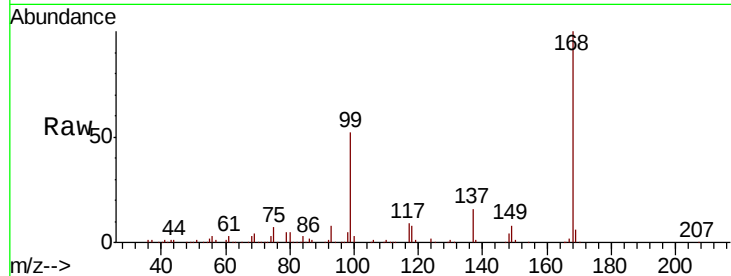




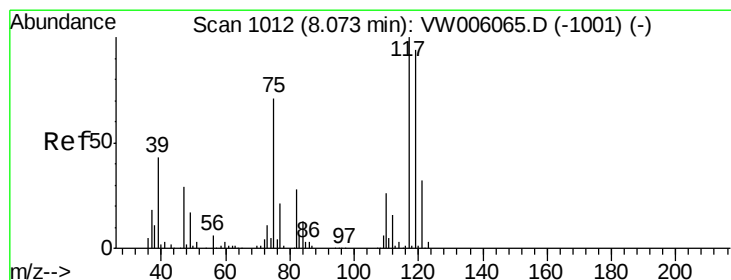
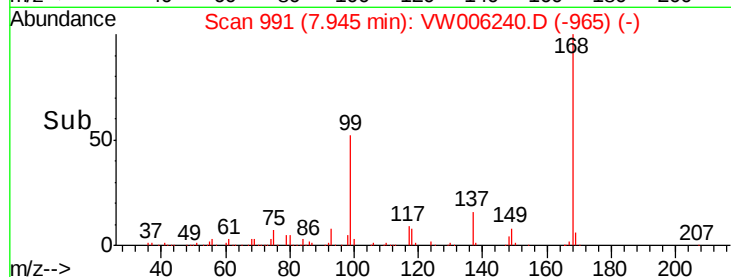
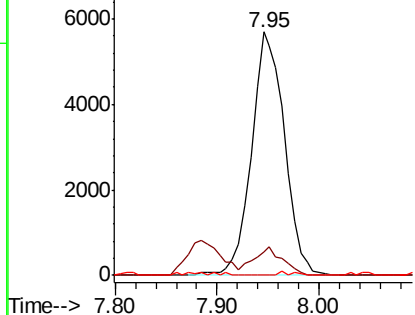
#36
 1,1-Dichloropropene
 Concen: 4.898 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006240.D
 Acq: 19 Oct 2018 21:47

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

Tot Ion: 75 Resp: 12775
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.1 57.1#
 77 0.0 25.0 37.4#

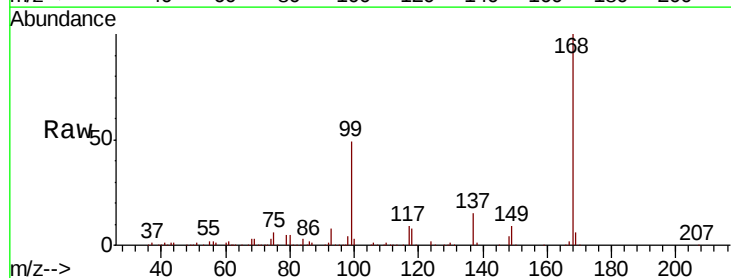


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

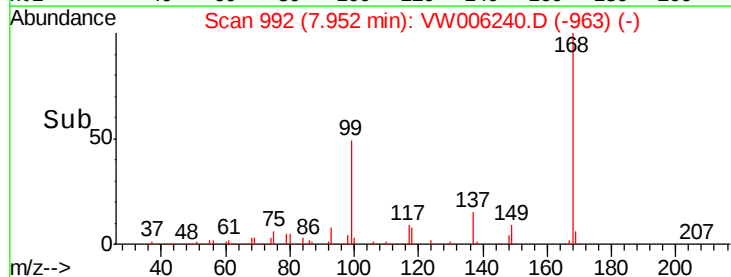
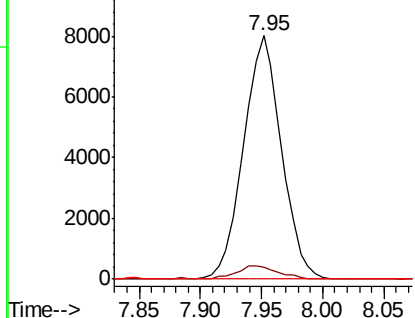


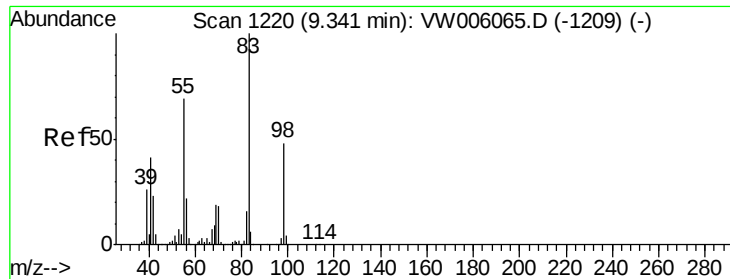
#38
 Carbon Tetrachloride
 Concen: 6.047 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006240.D
 Acq: 19 Oct 2018 21:47

Tgt Ion:117 Resp: 17290
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.2 112.8#
 121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

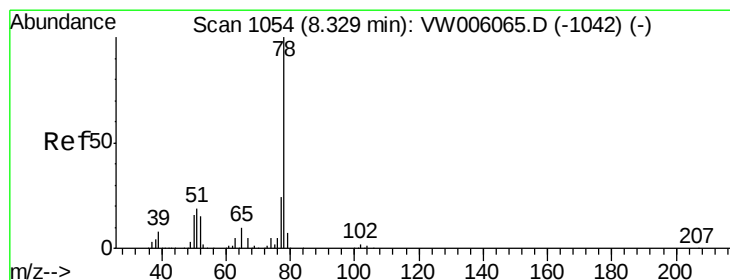
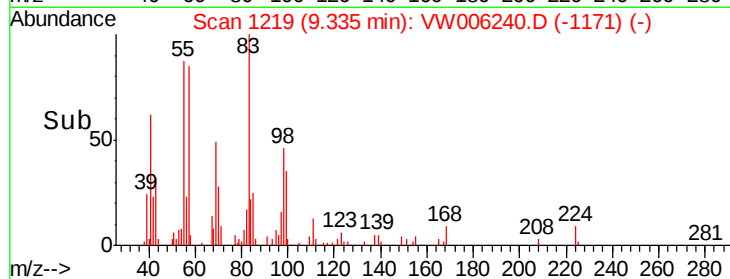
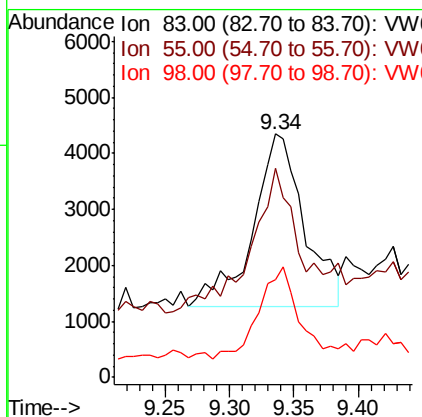
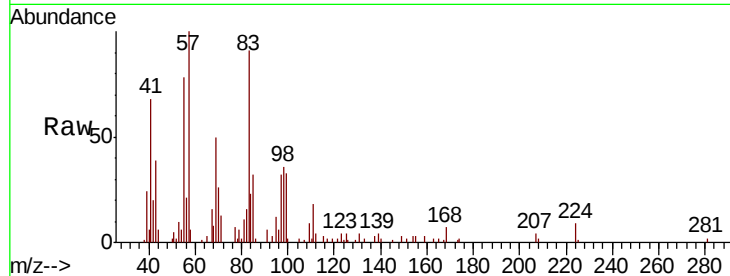




#39
Methvlcvclohexane
Concen: 2.482 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

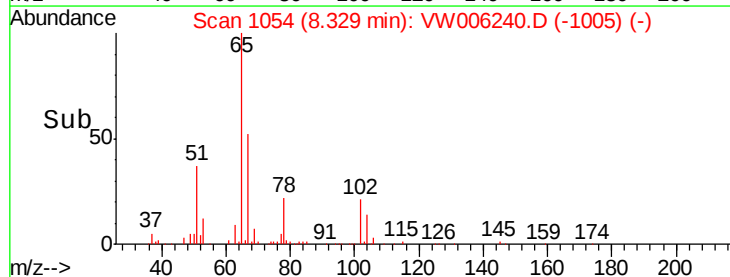
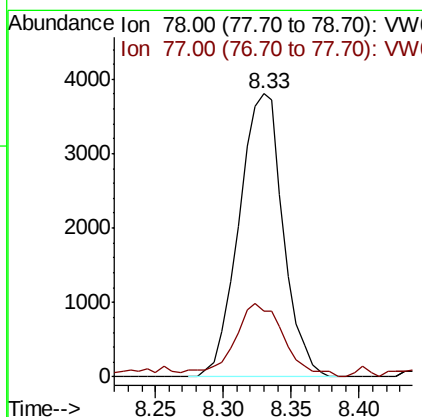
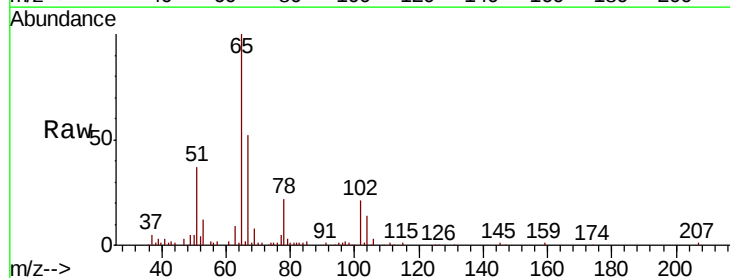
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2RE

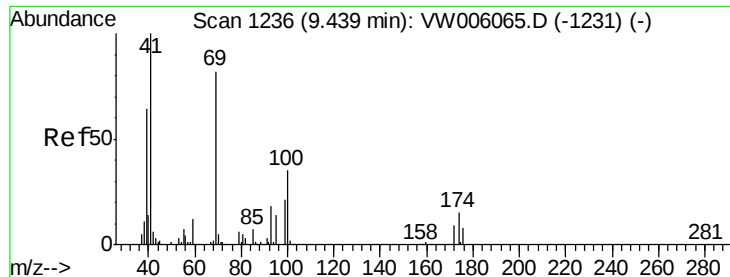
Tot Ion: 83 Resp: 8607
Ion Ratio Lower Upper
83 100
55 74.8 55.0 82.6
98 44.9 38.6 57.8



#40
Benzene
Concen: 1.207 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion: 78 Resp: 8637
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0

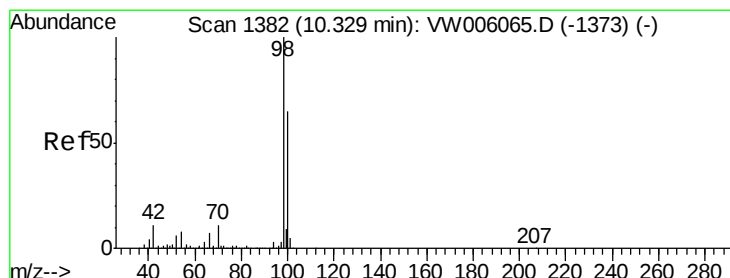
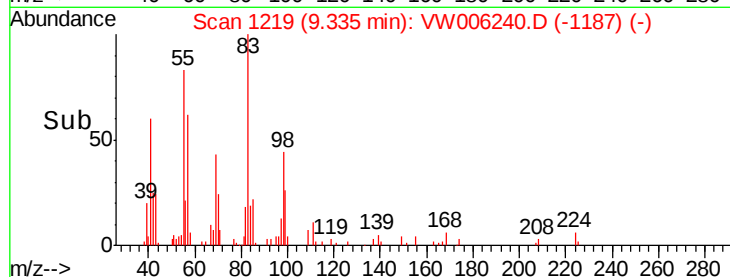
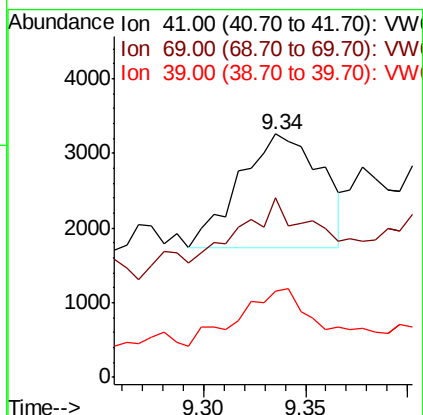
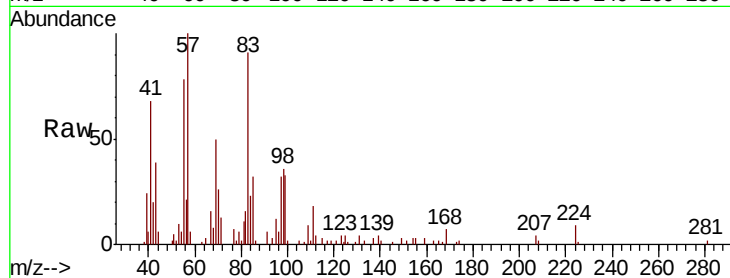




#48
Methvl methacrilate
Concen: 4.496 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.10 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

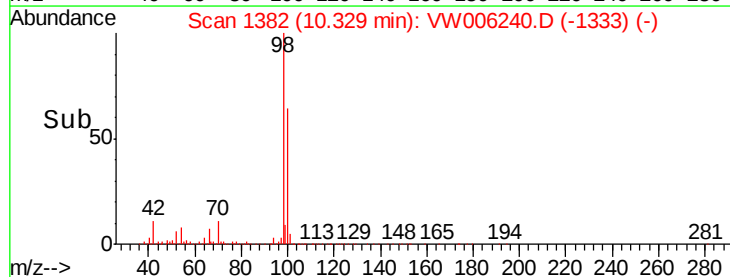
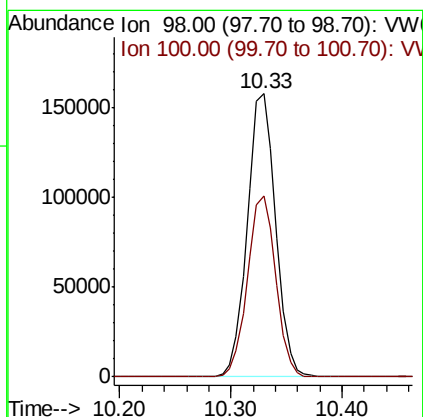
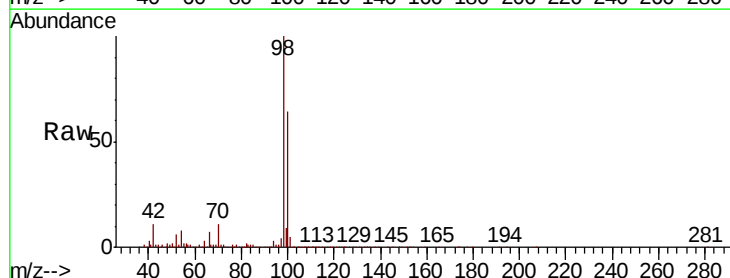
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2RE

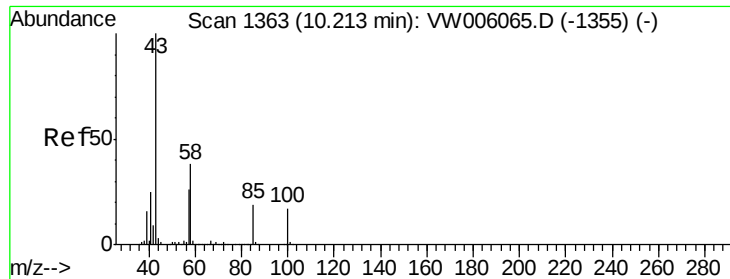
Tot Ion: 41 Resp: 4223
Ion Ratio Lower Upper
41 100
69 54.6 71.8 107.8#
39 53.0 52.5 78.7



#50
Toluene-d8
Concen: 43.866 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion: 98 Resp: 279052
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 1.311 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

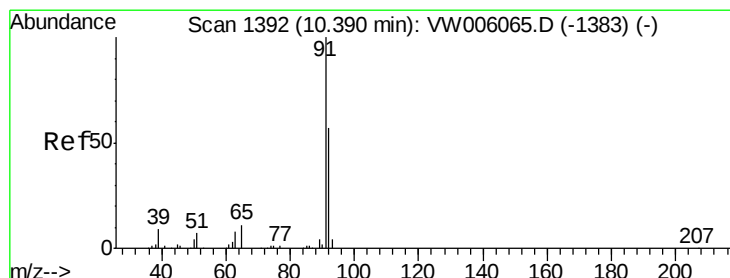
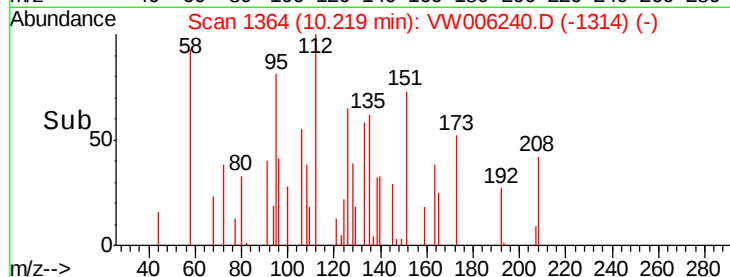
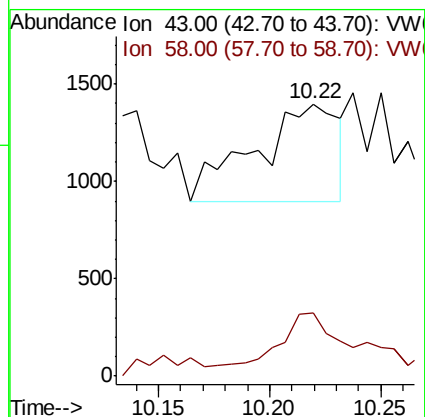
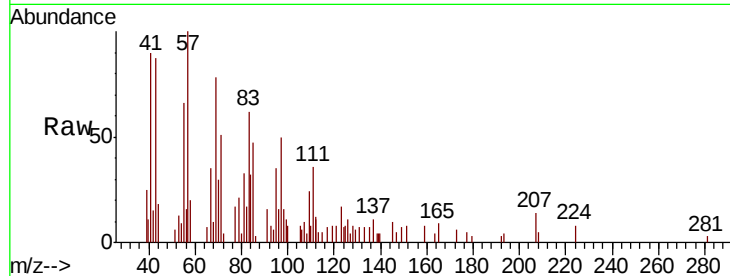
MS-VB-29736-BOX-2RE

Tot Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

58 50.7 31.5 47.3#



#52

Toluene

Concen: 3.137 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006240.D

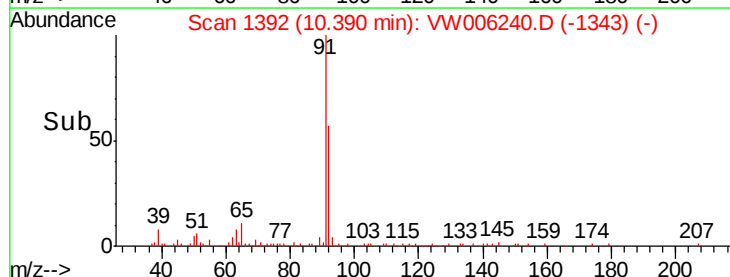
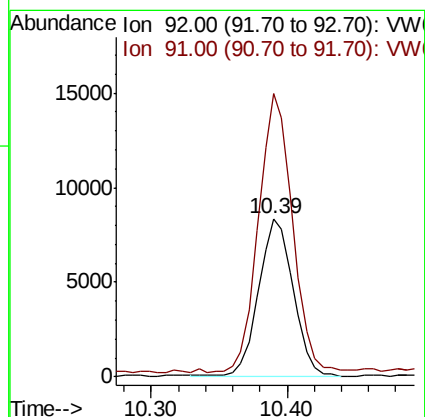
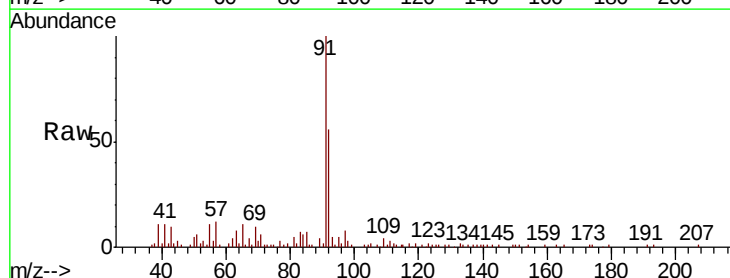
Acq: 19 Oct 2018 21:47

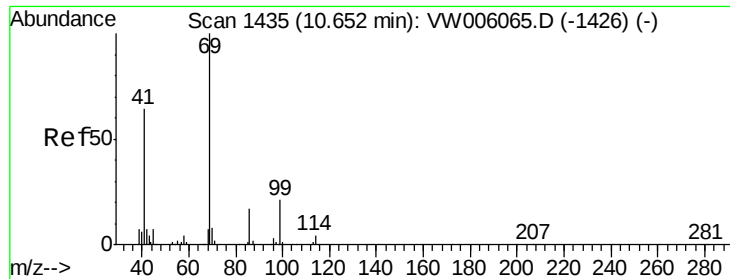
Tgt Ion: 92 Resp: 15047

Ion Ratio Lower Upper

92 100

91 171.2 140.0 210.0





#56

Ethyl methacrylate

Concen: 1.295 ug/l

RT: 10.68 min Scan# 1439

Delta R.T. 0.02 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2RE

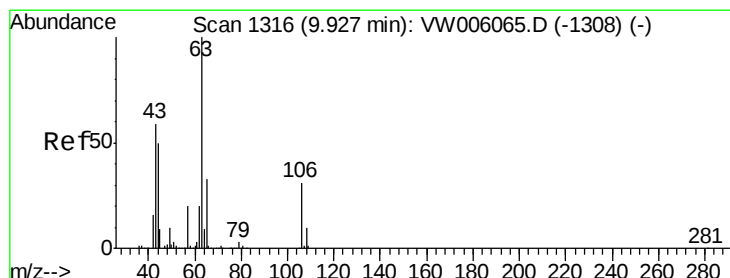
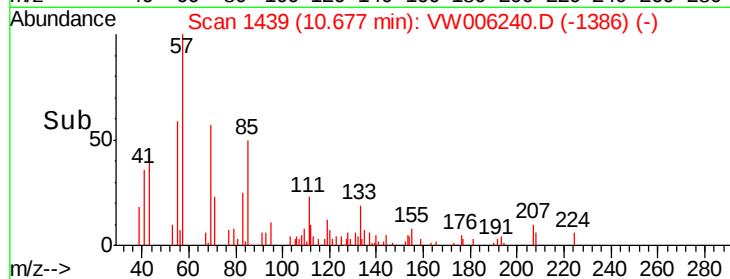
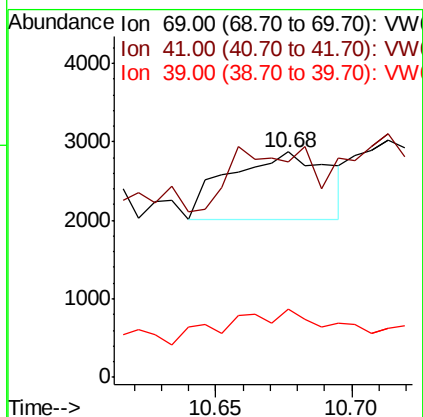
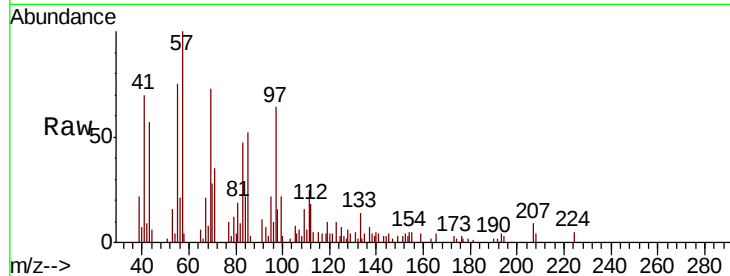
Tot Ion: 69 Resp: 2168

Ion Ratio Lower Upper

69 100

41 72.1 52.8 79.2

39 29.3 30.6 45.8#



#58

2-Chloroethyl Vinyl ether

Concen: 1.329 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006240.D

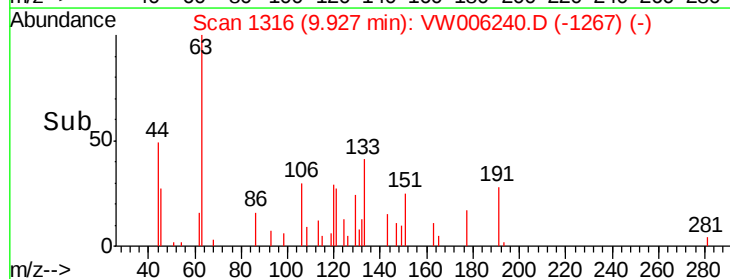
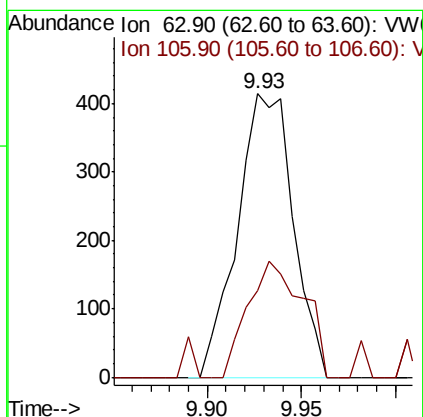
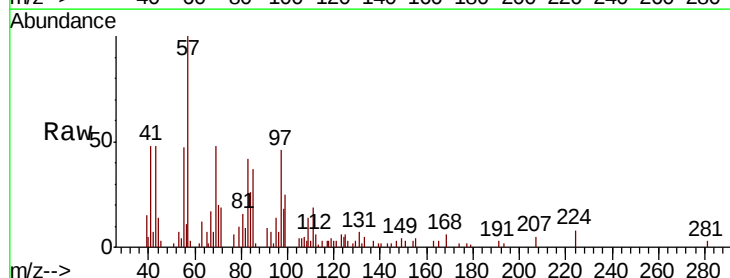
Acq: 19 Oct 2018 21:47

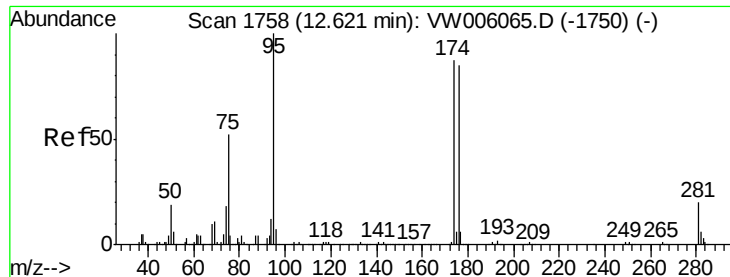
Tgt Ion: 63 Resp: 850

Ion Ratio Lower Upper

63 100

106 40.8 24.5 36.7#





#62

4-Bromofluorobenzene

Concen: 32.429 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2RE

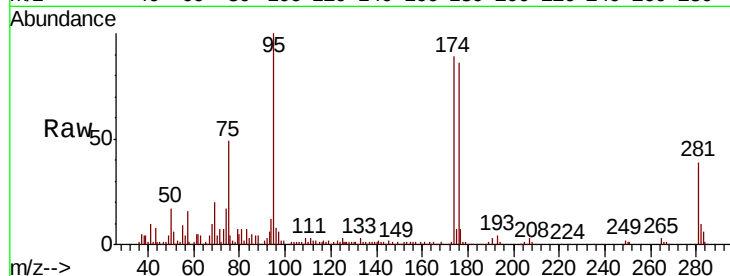
Tot Ion: 95 Resp: 77482

Ion Ratio Lower Upper

95 100

174 92.2 0.0 186.0

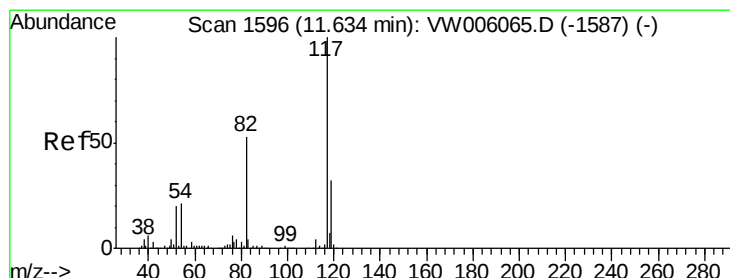
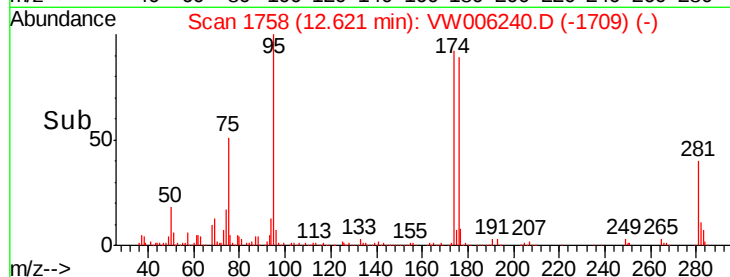
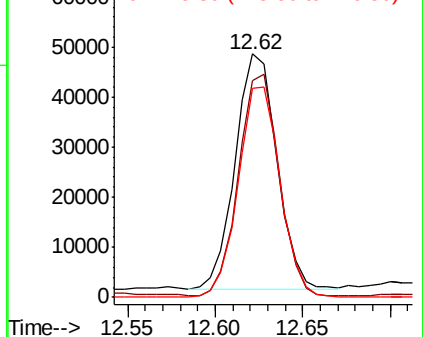
176 90.4 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

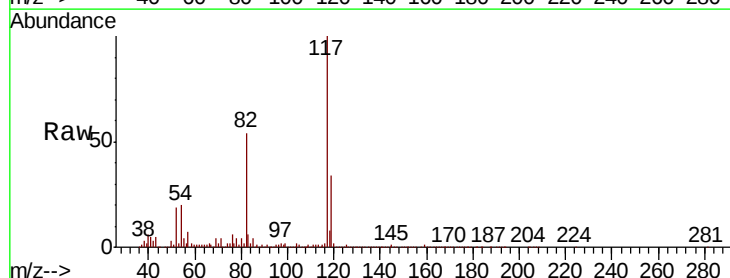
Tgt Ion: 117 Resp: 197794

Ion Ratio Lower Upper

117 100

82 53.8 42.1 63.1

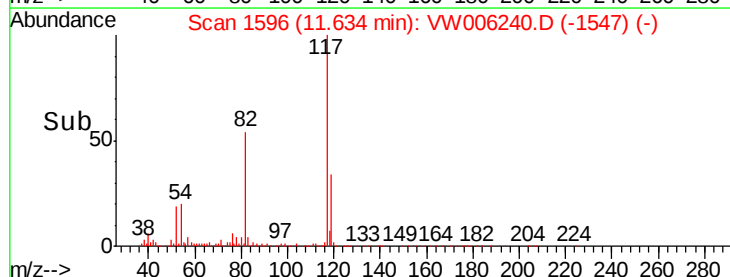
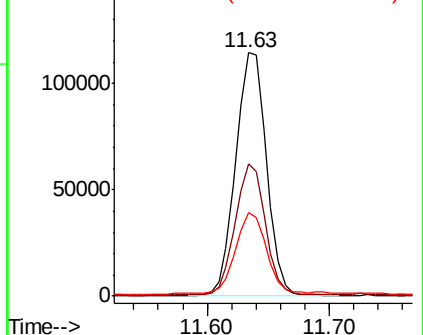
119 33.3 25.8 38.6

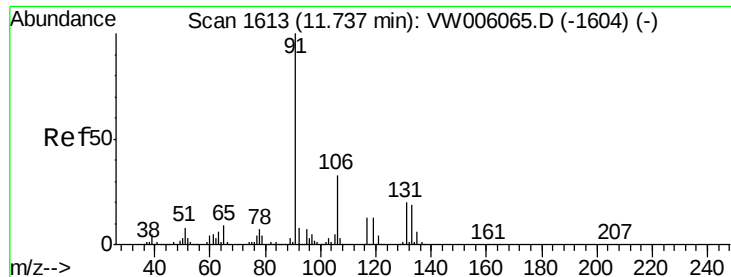


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

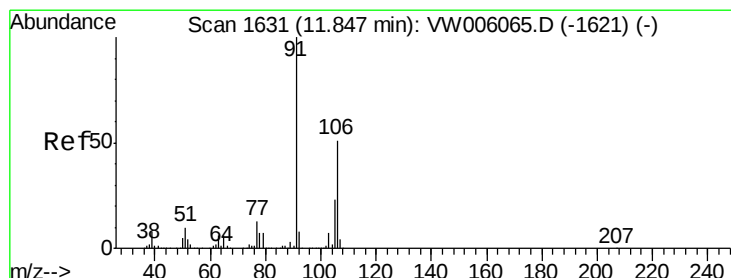
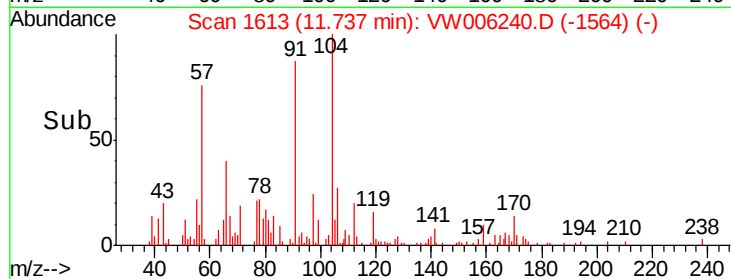
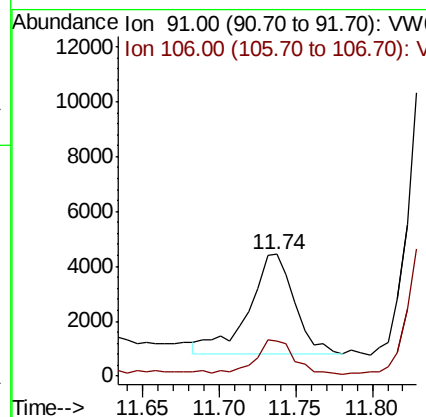
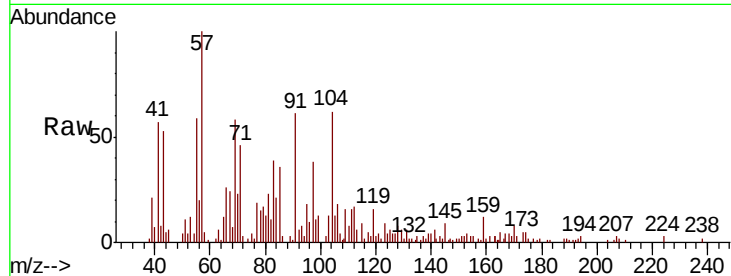




#67
Ethyl Benzene
Concen: 1.031 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

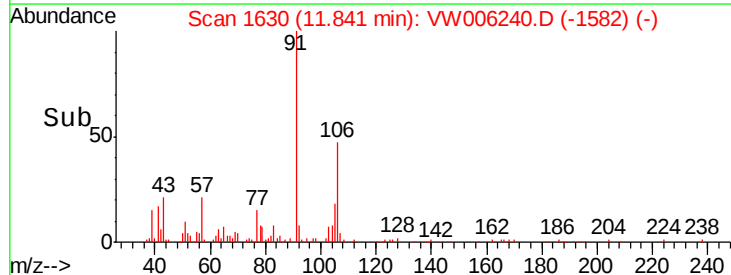
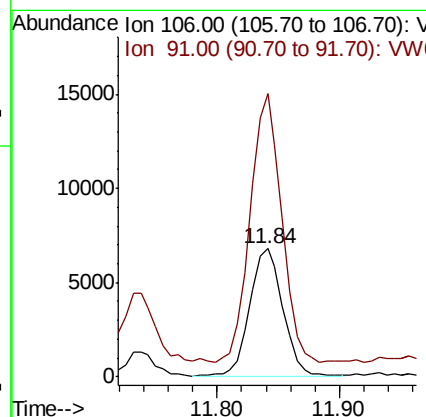
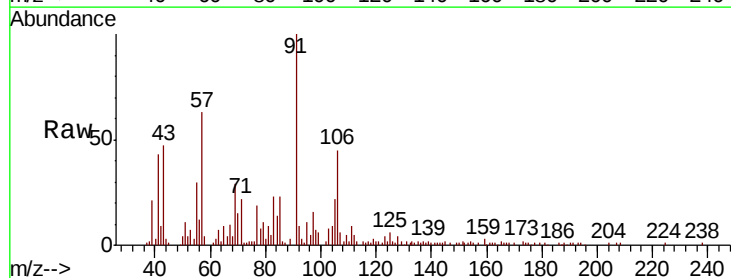
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2RE

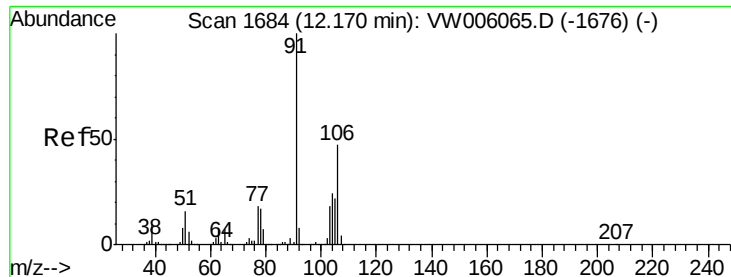
Tot Ion: 91 Resp: 7563
Ion Ratio Lower Upper
91 100
106 34.4 26.1 39.1



#68
m/p-Xylenes
Concen: 4.372 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion: 106 Resp: 12680
Ion Ratio Lower Upper
106 100
91 201.5 159.1 238.7

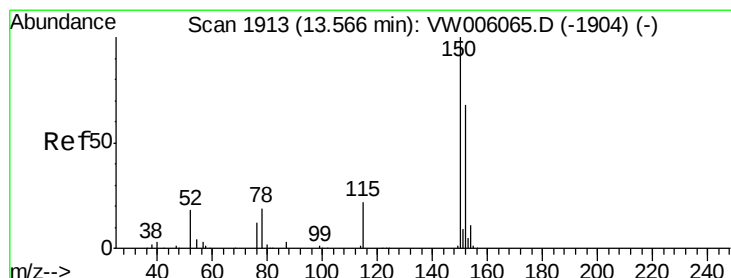
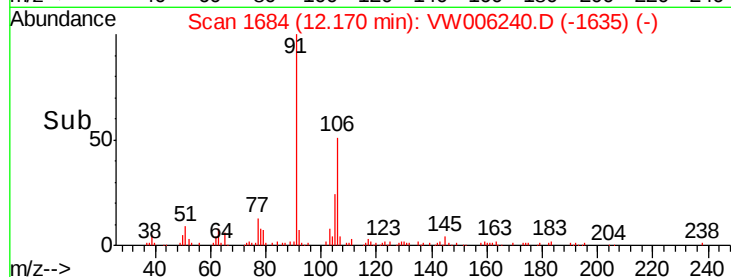
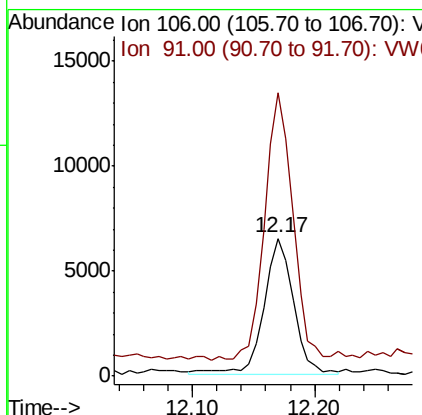
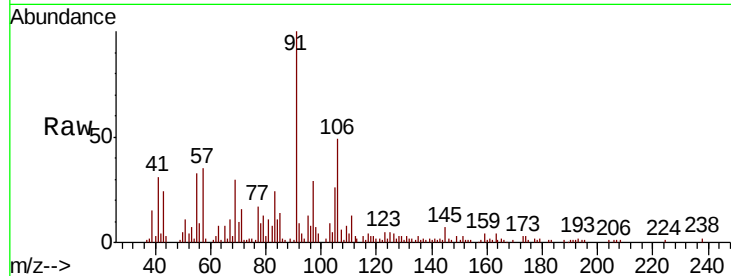




#69
o-Xylene
Concen: 3.929 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

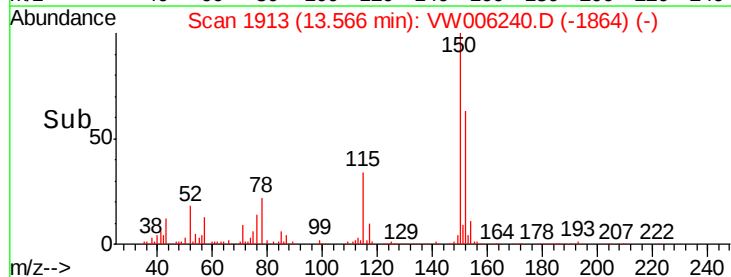
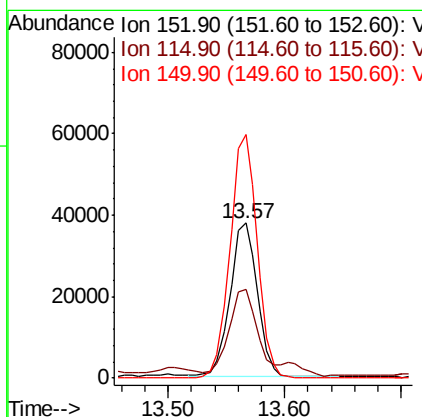
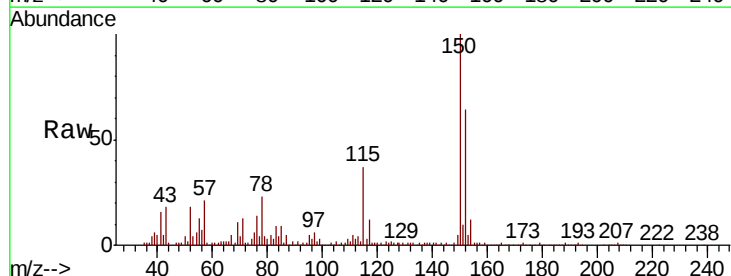
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2RE

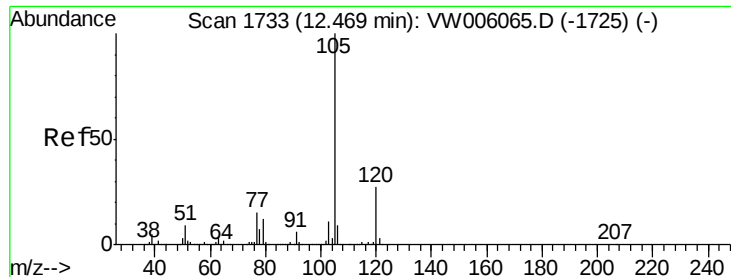
Tot Ion:106 Resp: 10859
Ion Ratio Lower Upper
106 100
91 185.3 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion:152 Resp: 62150
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 154.6 0.0 349.2





#73

Isopropylbenzene

Concen: 1.794 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

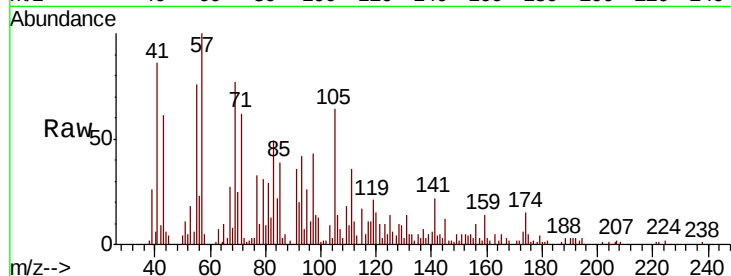
MS-VB-29736-BOX-2RE

Tot Ion:105 Resp: 7879

Ion Ratio Lower Upper

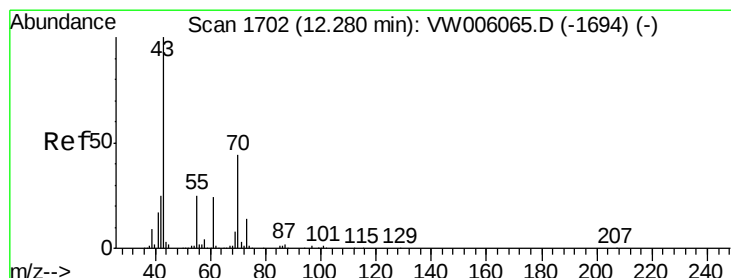
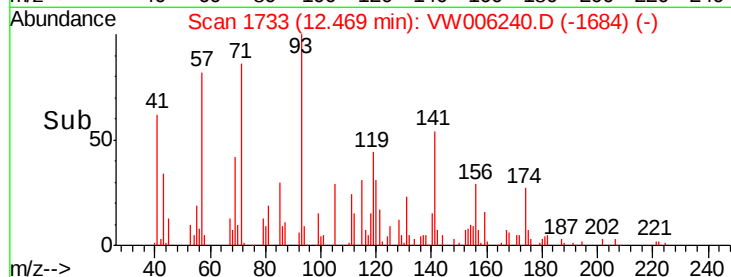
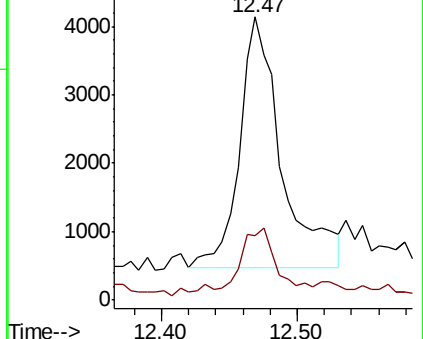
105 100

120 26.8 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: 5.259 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.02 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Tgt Ion: 43 Resp: 4485

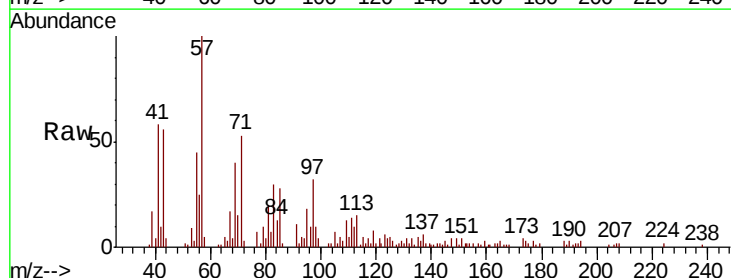
Ion Ratio Lower Upper

43 100

70 9.9 34.2 51.4#

55 22.0 19.2 28.8

61 0.0 19.0 28.6#

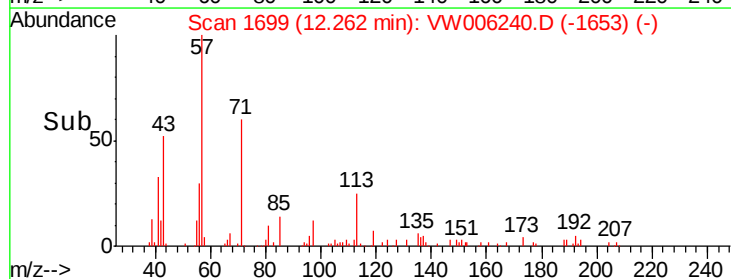
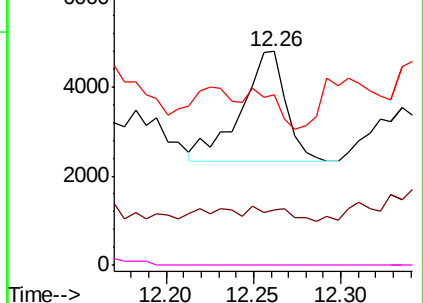


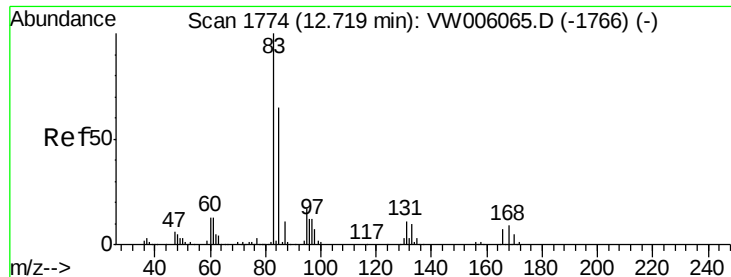
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 3.130 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2RE

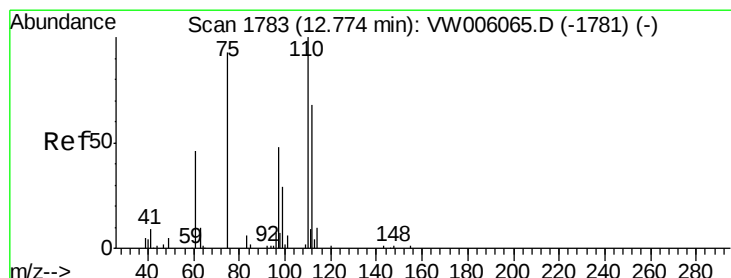
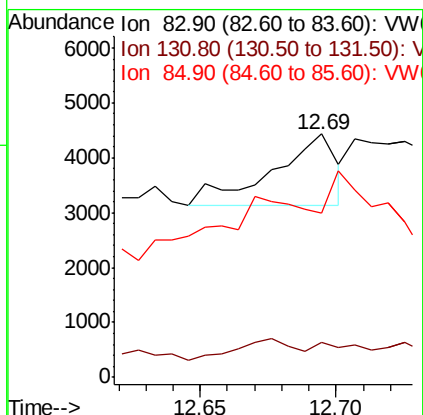
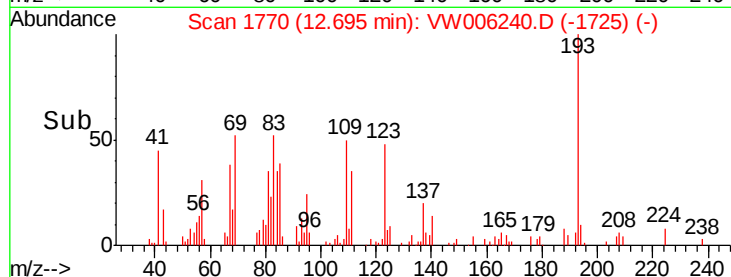
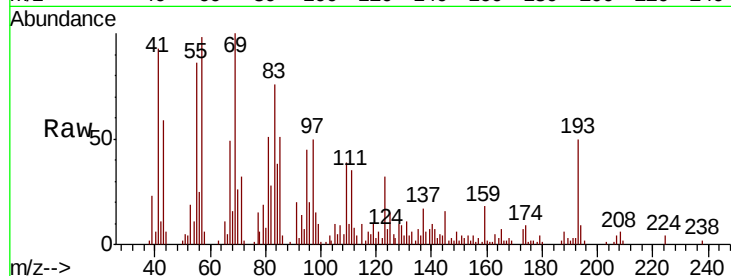
Tot Ion: 83 Resp: 2090

Ion Ratio Lower Upper

83 100

131 5.9 5.9 17.7#

85 315.7 31.9 95.9#



#76

1,2,3-Trichloropropane

Concen: 82.715 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006240.D

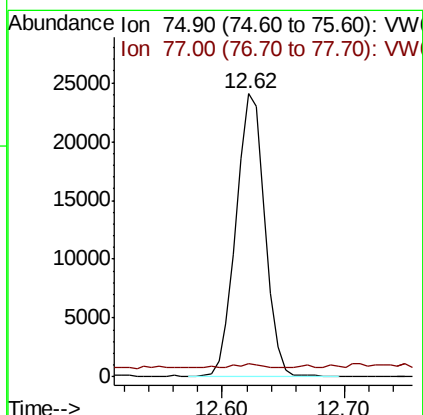
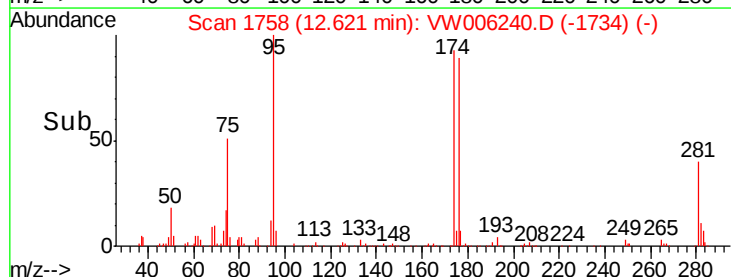
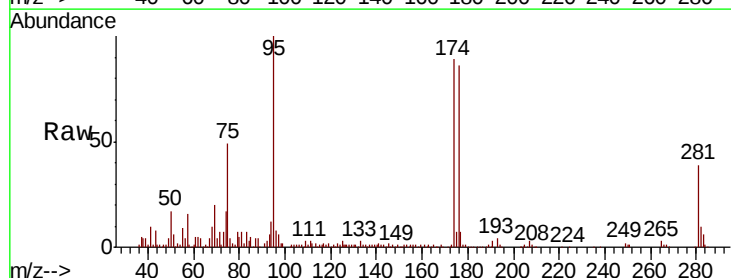
Acq: 19 Oct 2018 21:47

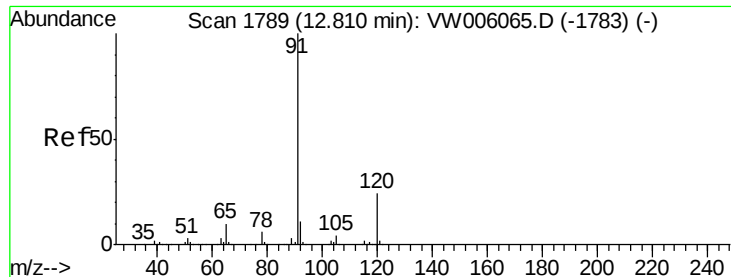
Tgt Ion: 75 Resp: 39265

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 1.228 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

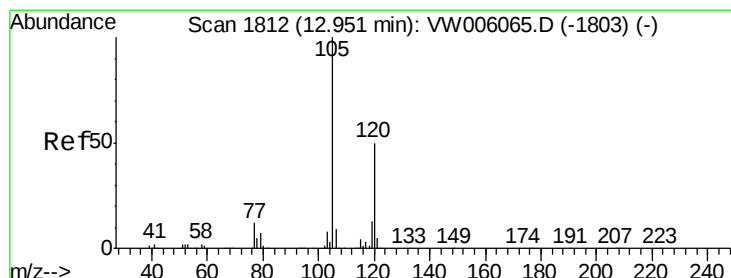
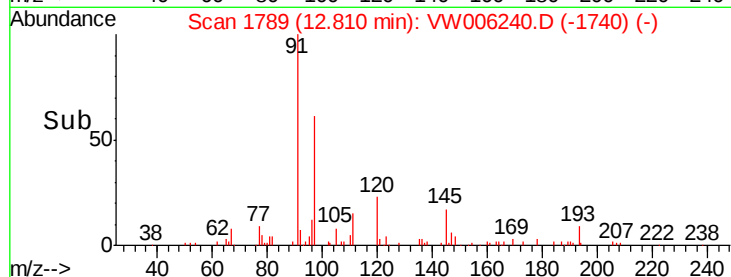
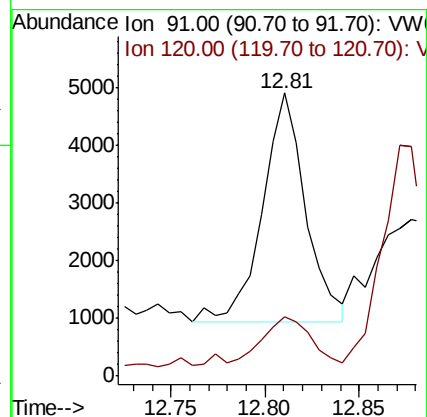
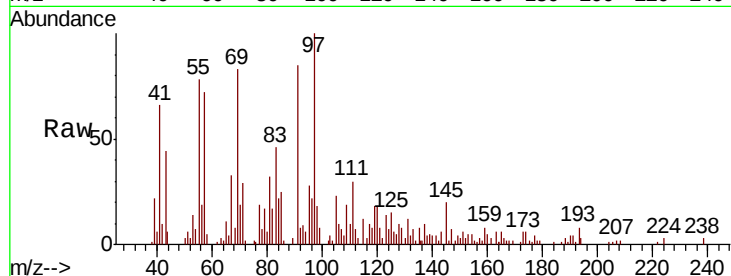
MS-VB-29736-BOX-2RE

Tot Ion: 91 Resp: 6275

Ion Ratio Lower Upper

91 100

120 21.4 12.2 36.6



#80

1,3,5-Trimethylbenzene

Concen: 5.489 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006240.D

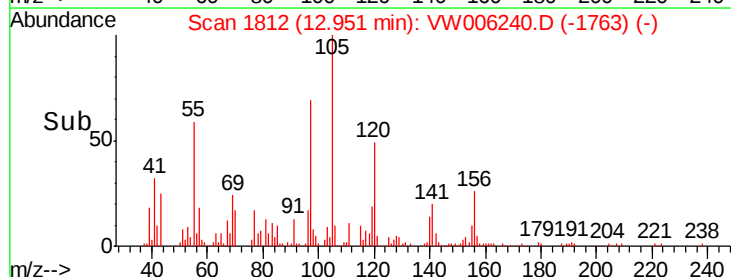
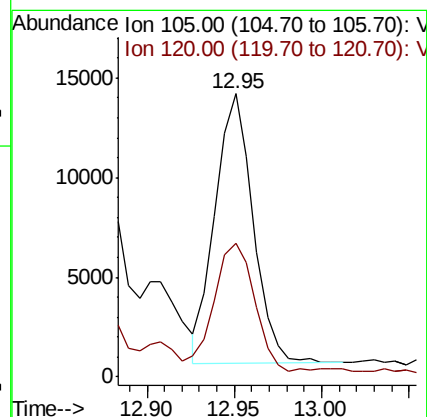
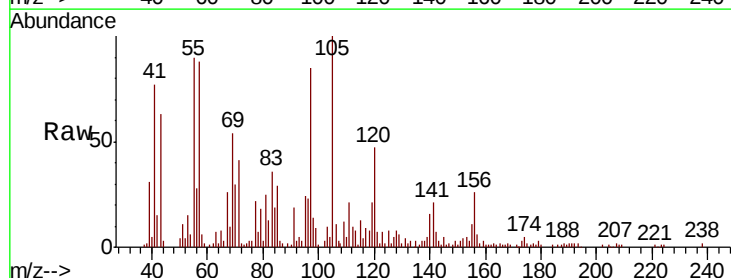
Acq: 19 Oct 2018 21:47

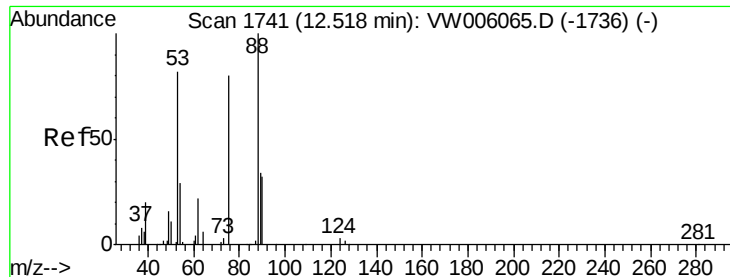
Tgt Ion:105 Resp: 20317

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 197.721 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

MS-VB-29736-BOX-2RE

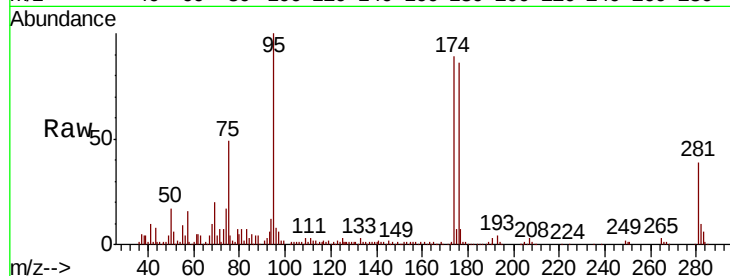
Tot Ion: 75 Resp: 39265

Ion Ratio Lower Upper

75 100

53 1.2 79.8 119.6#

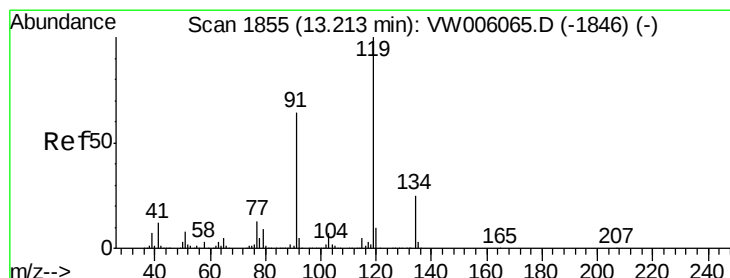
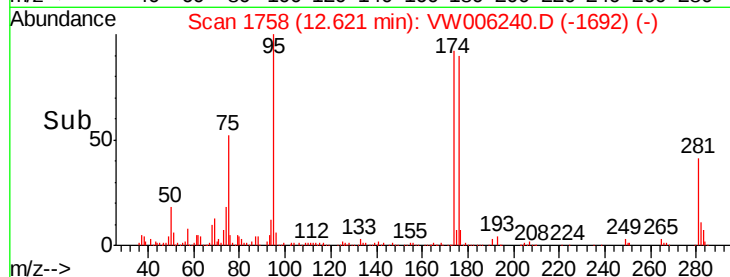
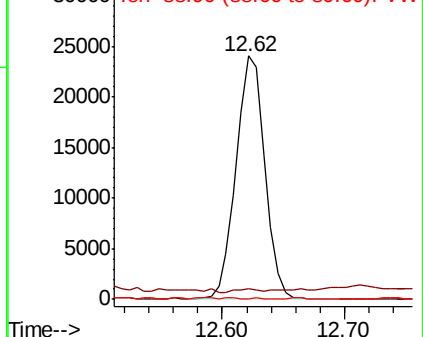
89 0.3 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 1.038 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

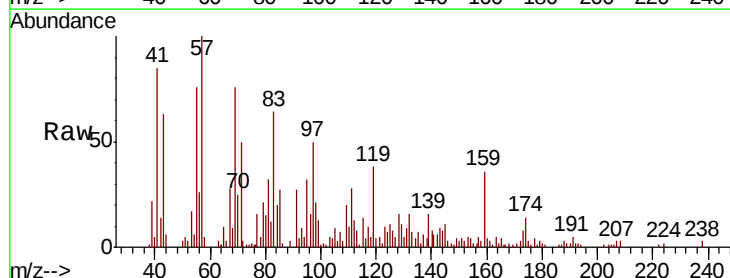
Tgt Ion: 119 Resp: 3436

Ion Ratio Lower Upper

119 100

91 53.6 32.3 96.9

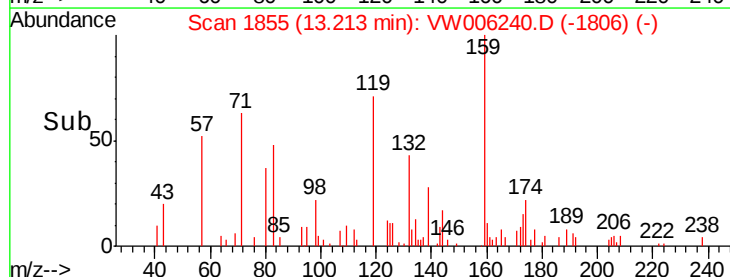
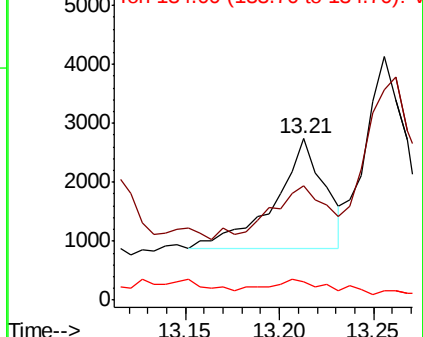
134 16.4 13.6 40.8

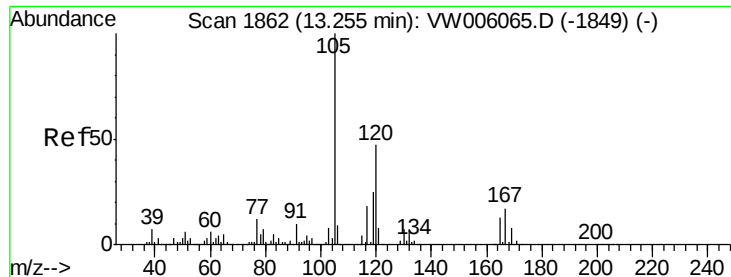


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

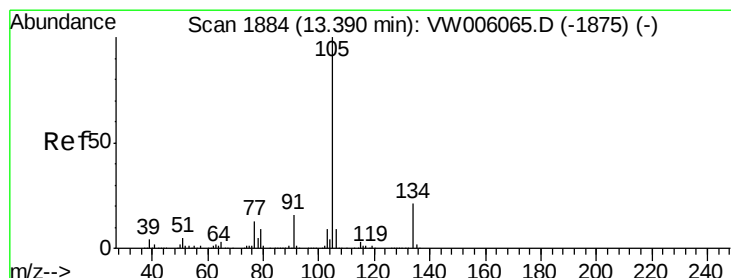
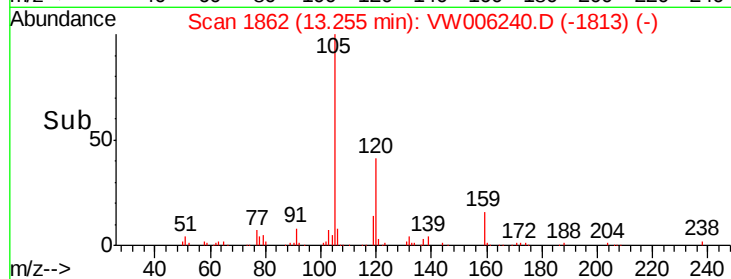
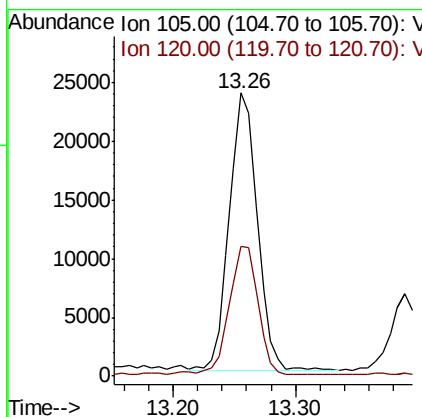
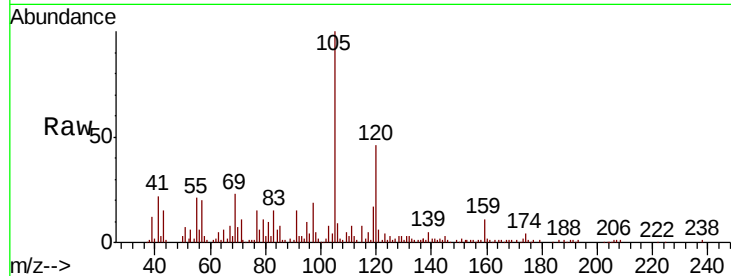




#84
 1,2,4-Trimethylbenzene
 Concen: 9.945 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006240.D
 Acq: 19 Oct 2018 21:47

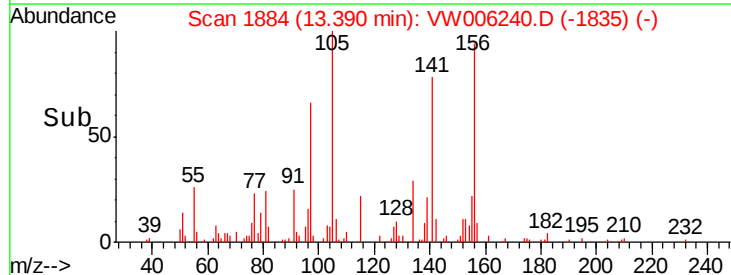
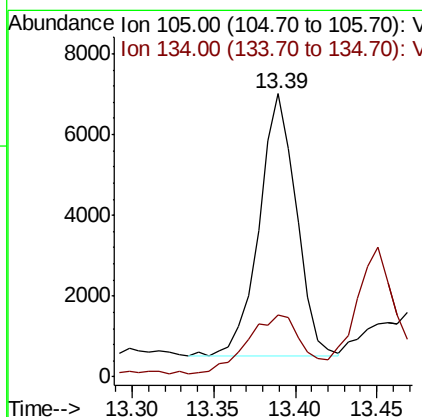
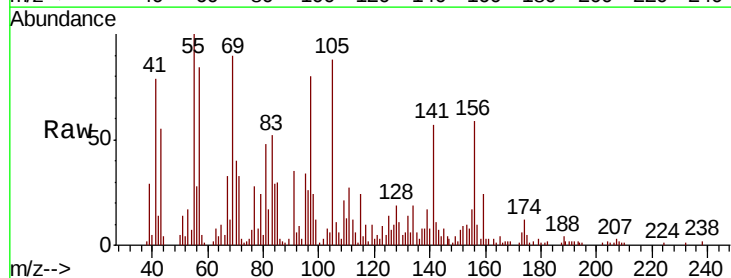
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2RE

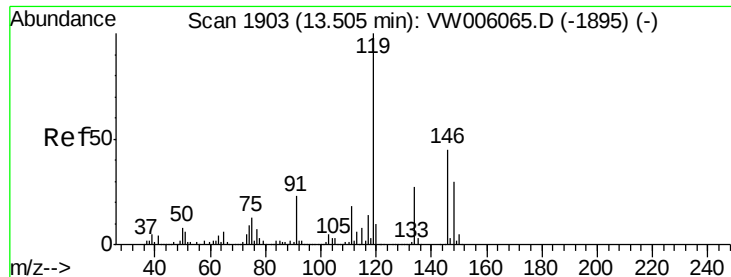
Tot Ion:105 Resp: 37250
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 2.201 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006240.D
 Acq: 19 Oct 2018 21:47

Tgt Ion:105 Resp: 10299
 Ion Ratio Lower Upper
 105 100
 134 33.5 10.5 31.6#

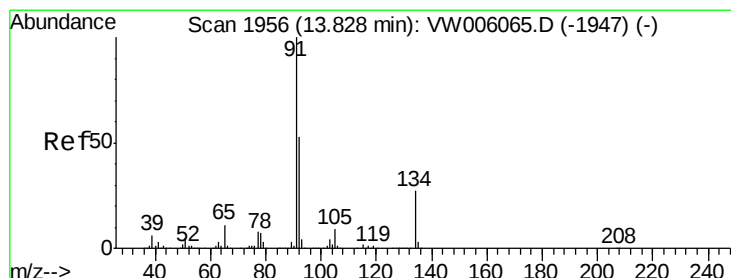
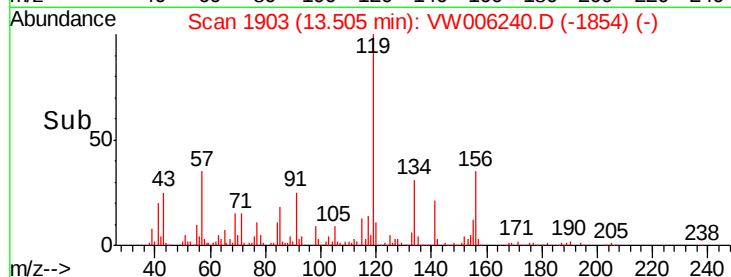
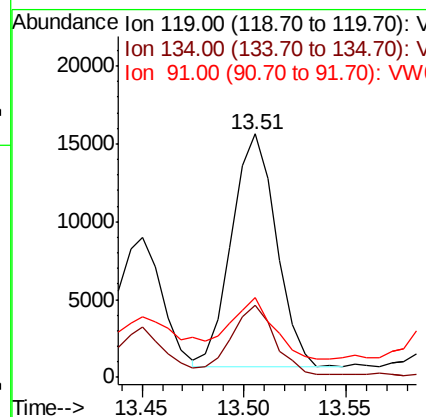
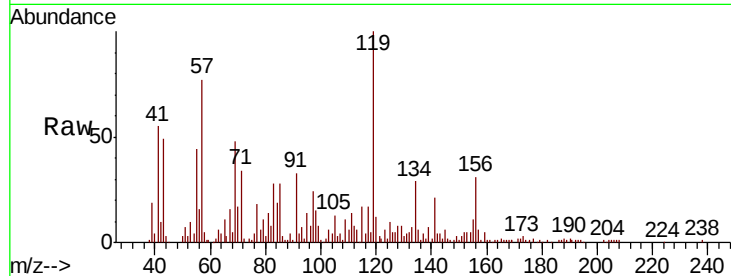




#86
p-Isopropyltoluene
Concen: 5.350 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

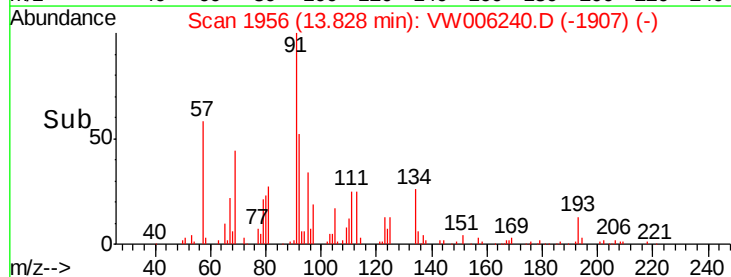
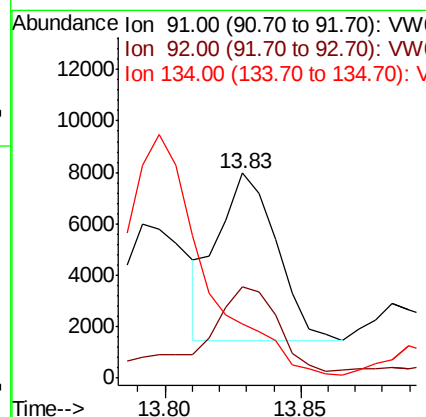
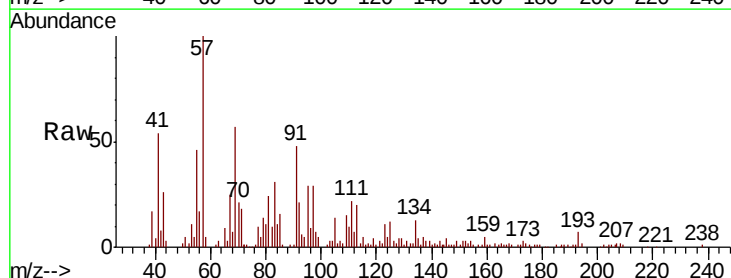
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2RE

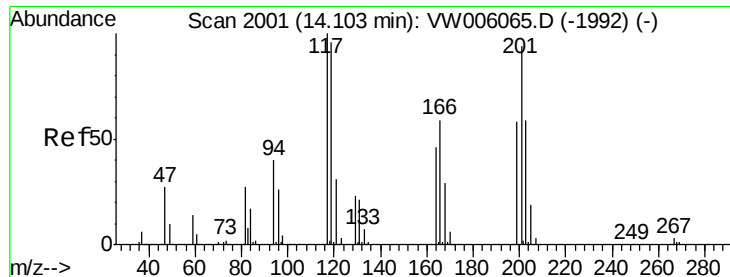
Tot Ion:119 Resp: 22641
Ion Ratio Lower Upper
119 100
134 29.5 13.4 40.2
91 25.4 11.4 34.1



#89
n-Butylbenzene
Concen: 2.508 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion: 91 Resp: 9708
Ion Ratio Lower Upper
91 100
92 64.5 26.6 79.7
134 0.0 14.0 41.9#





#90

Hexachloroethane

Concen: 5.010 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

Instrument :

MSVOA_W

ClientSampleId :

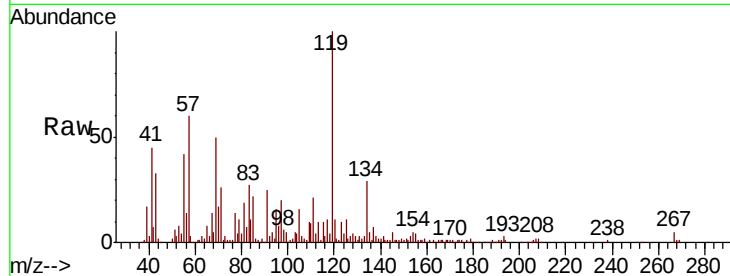
MS-VB-29736-BOX-2RE

Tot Ion:117 Resp: 3591

Ion Ratio Lower Upper

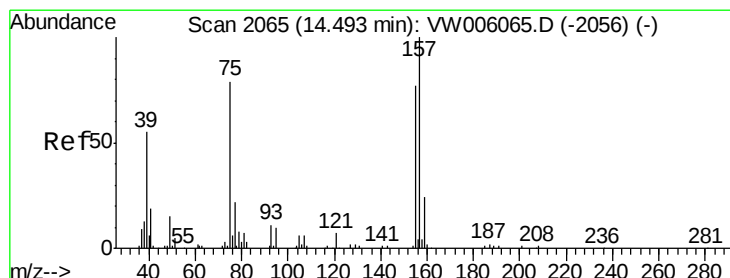
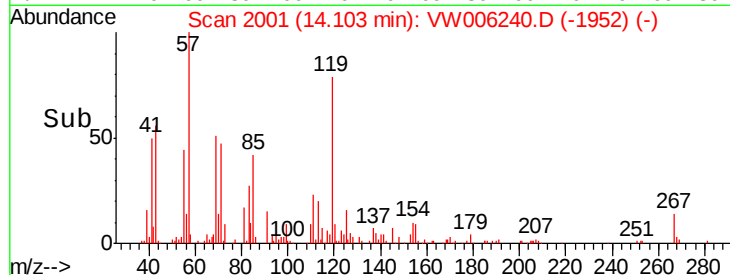
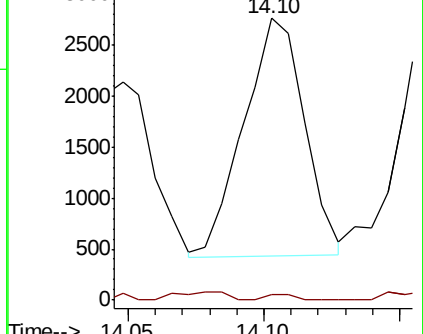
117 100

201 1.2 45.3 135.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.631 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW006240.D

Acq: 19 Oct 2018 21:47

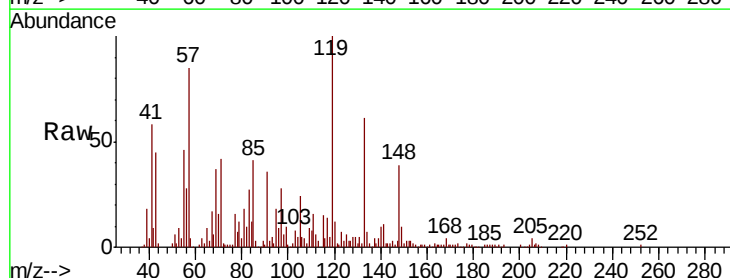
Tgt Ion: 75 Resp: 195

Ion Ratio Lower Upper

75 100

155 112.8 46.5 139.5

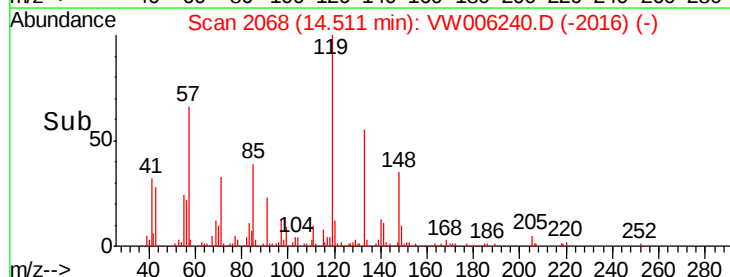
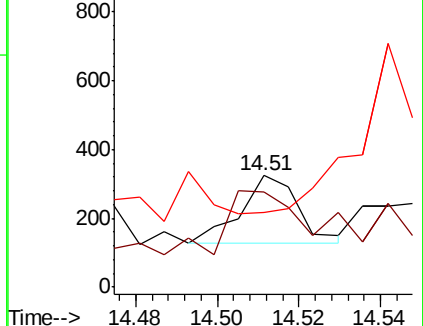
157 41.0 59.8 179.4#

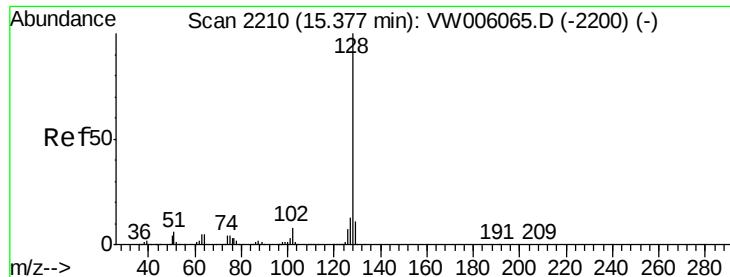


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

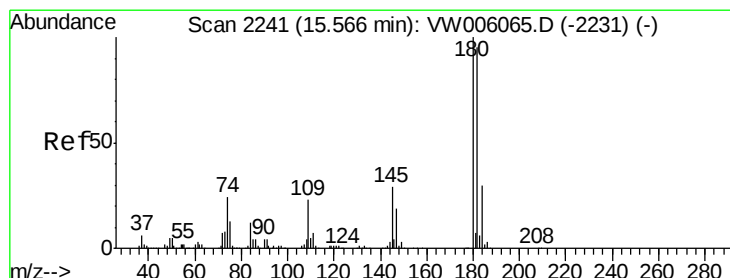
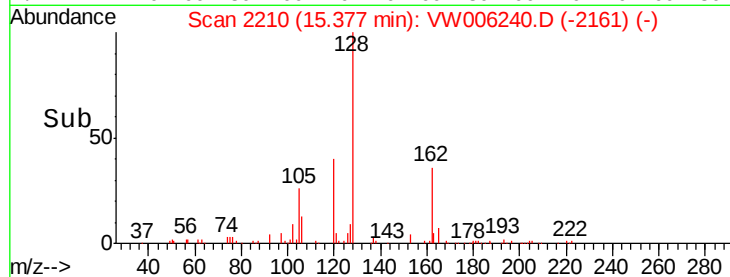
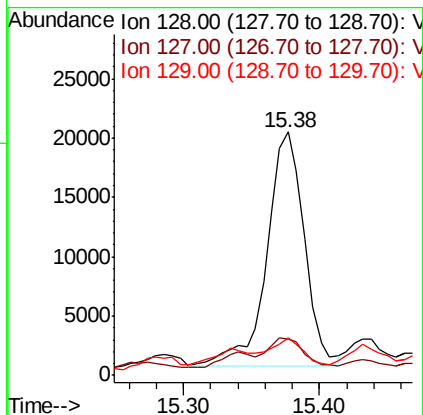
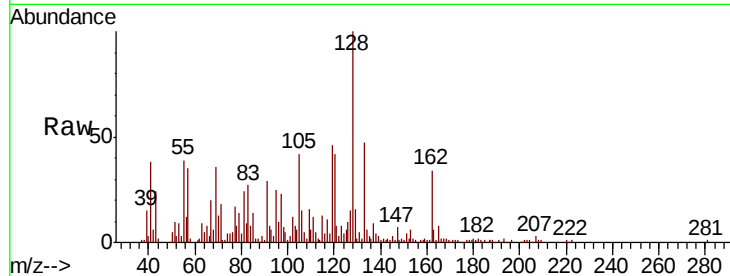




#95
Naphthalene
Concen: 15.470 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

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

Tot Ion:128 Resp: 37804
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 9.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.066 ug/l
RT: 15.58 min Scan# 2244
Delta R.T. 0.02 min
Lab File: VW006240.D
Acq: 19 Oct 2018 21:47

Tgt Ion:180 Resp: 1354
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 1517.4 15.0 45.1#

