

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 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 03:35:03 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%	

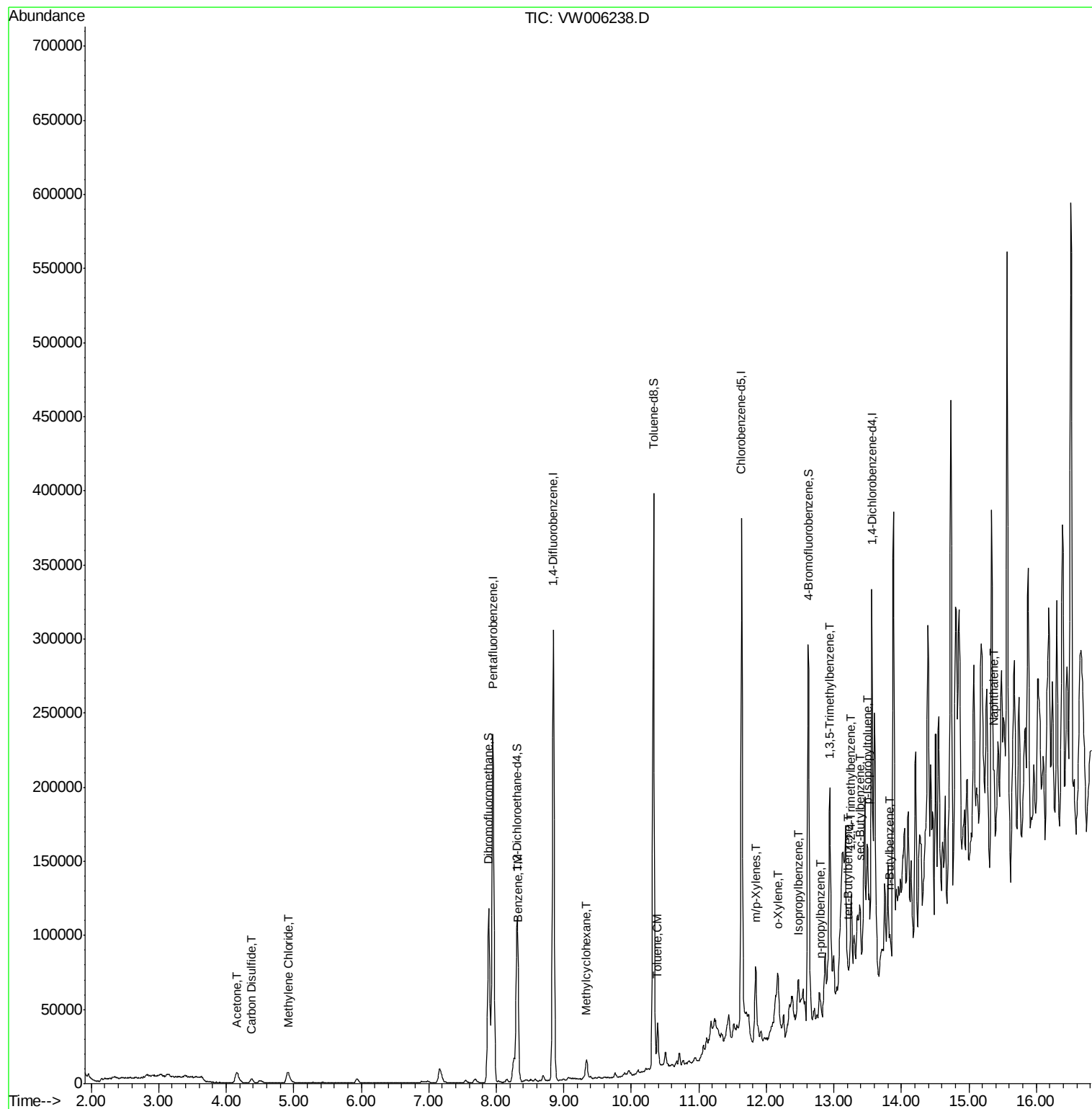
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	16445	45.390	ug/l	96
17) Carbon Disulfide	4.37	76	6077	1.311	ug/l #	91
20) Methylene Chloride	4.92	84	6100	2.227	ug/l #	89
39) Methylcyclohexane	9.34	83	6300	1.872	ug/l	96
40) Benzene	8.33	78	7002	1.009	ug/l	95
52) Toluene	10.39	92	12407	2.665	ug/l	99
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
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
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
95) Naphthalene	15.38	128	33981	13.869	ug/l #	95

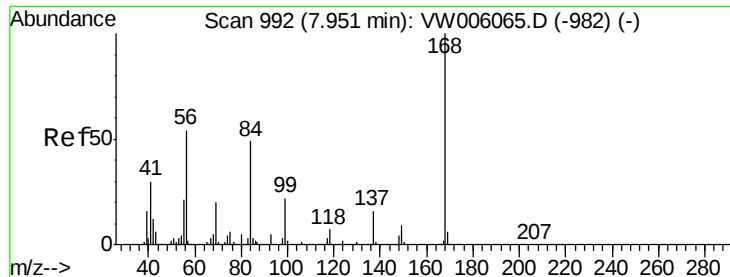
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
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 03:35:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006238.D

Acq: 19 Oct 2018 20:55

Instrument :

MSVOA_W

ClientSampleId :

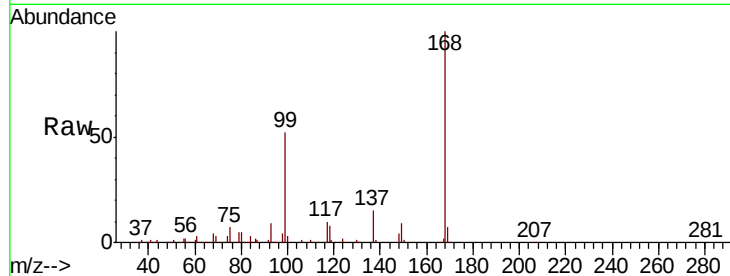
MS-VB-29736-BOX-2

Tot Ion:168 Resp: 183861

Ion Ratio Lower Upper

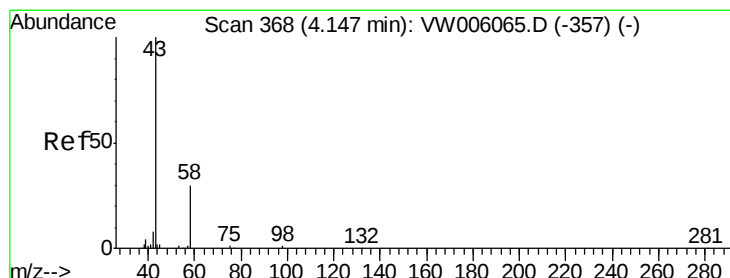
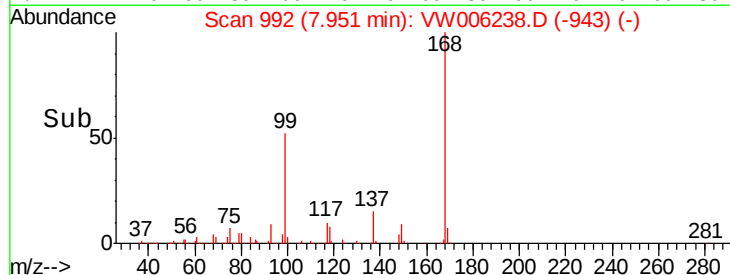
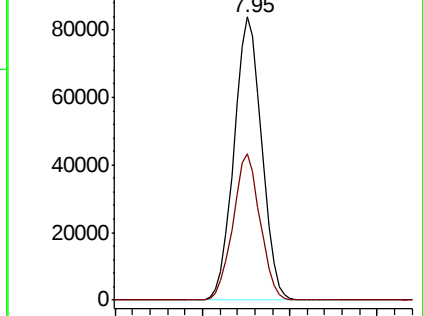
168 100

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



#16

Acetone

Concen: 45.390 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW006238.D

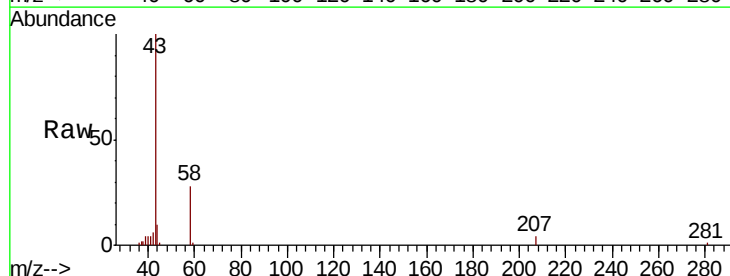
Acq: 19 Oct 2018 20:55

Tgt Ion: 43 Resp: 16445

Ion Ratio Lower Upper

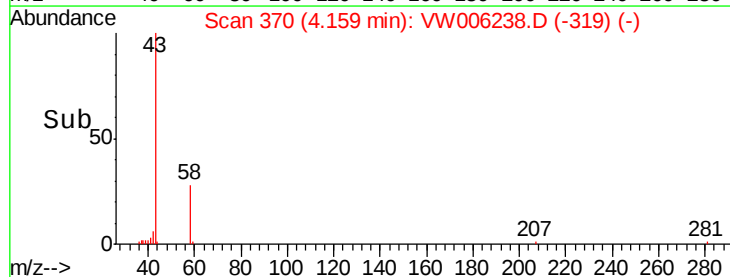
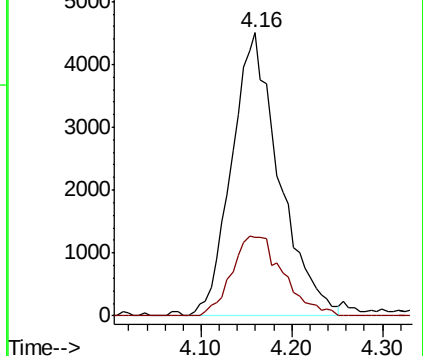
43 100

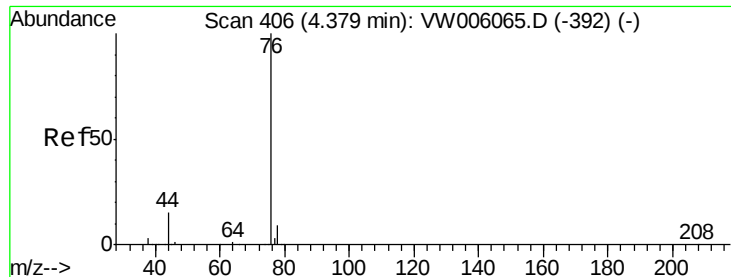
58 27.8 24.0 36.0



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

Instrument :

MSVOA_W

ClientSampleId :

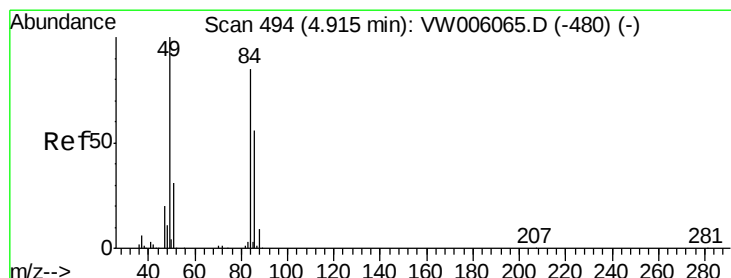
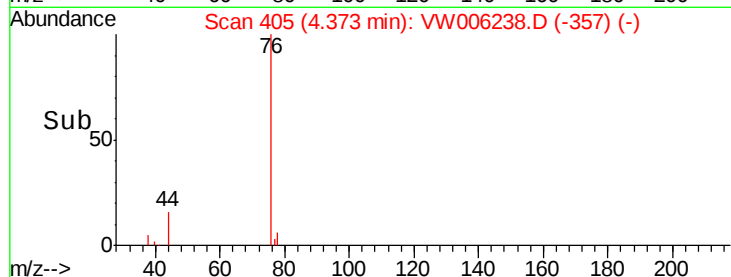
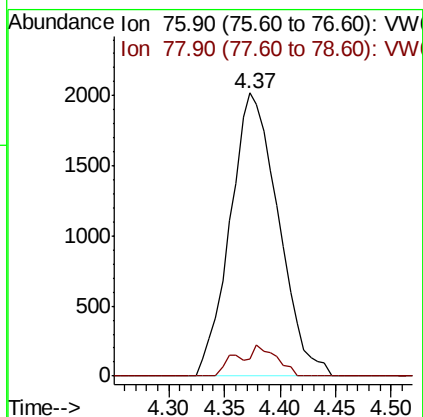
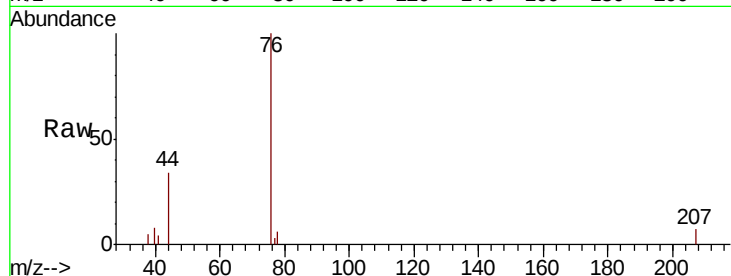
MS-VB-29736-BOX-2

Tot Ion: 76 Resp: 6077

Ion Ratio Lower Upper

76 100

78 6.1 7.5 11.3#



#20

Methylene 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

Tgt Ion: 84 Resp: 6100

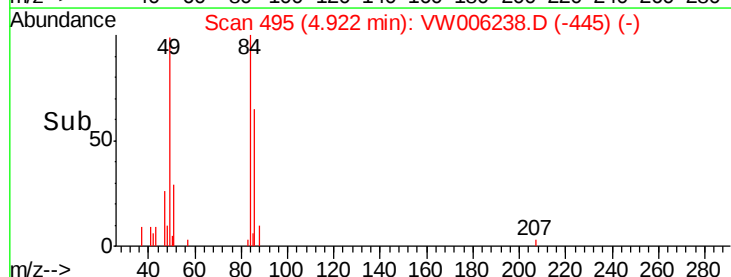
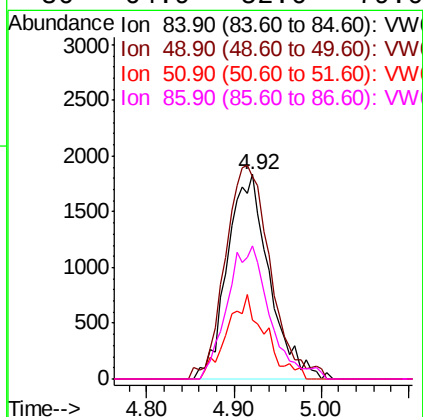
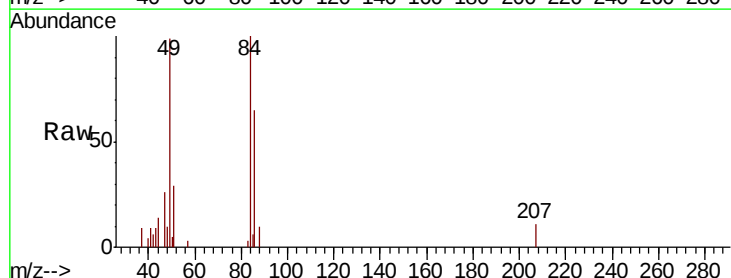
Ion Ratio Lower Upper

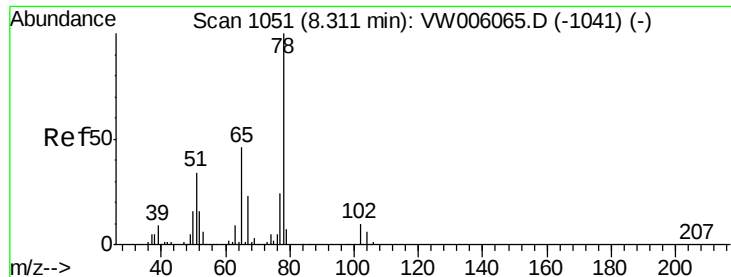
84 100

49 98.8 93.6 140.4

51 28.7 29.0 43.4#

86 64.9 52.6 79.0

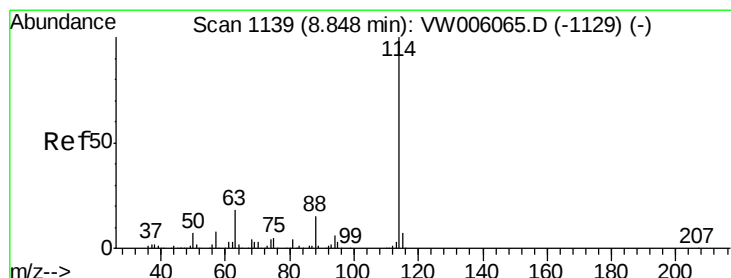
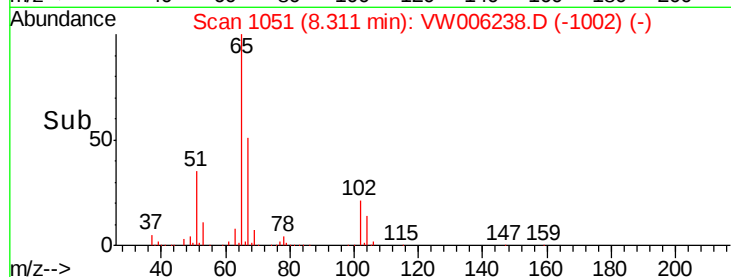
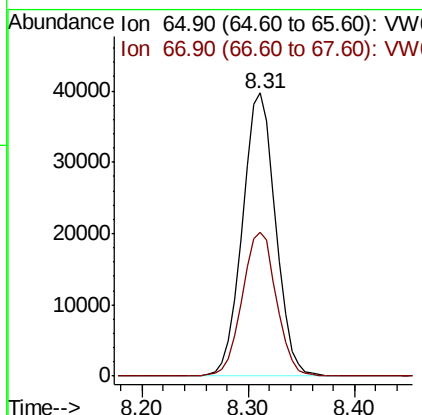
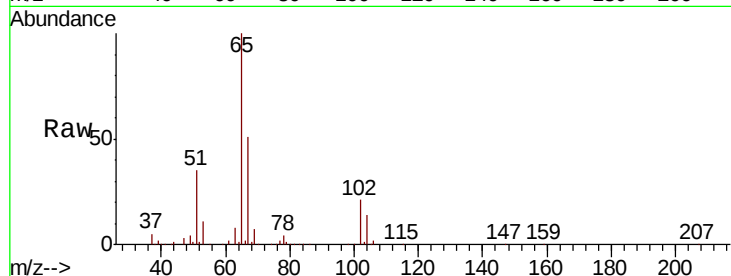




#33
 1,2-Dichloroethane-d4
 Concen: 57.031 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

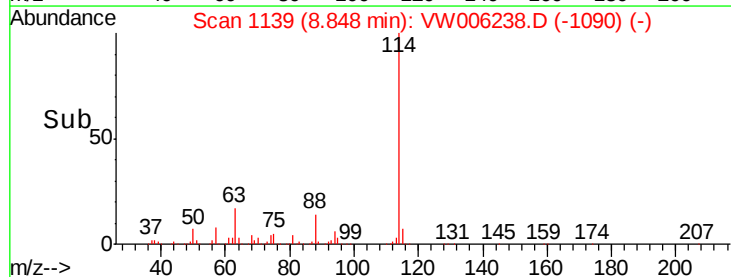
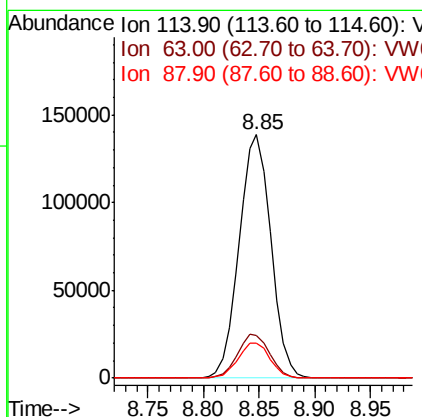
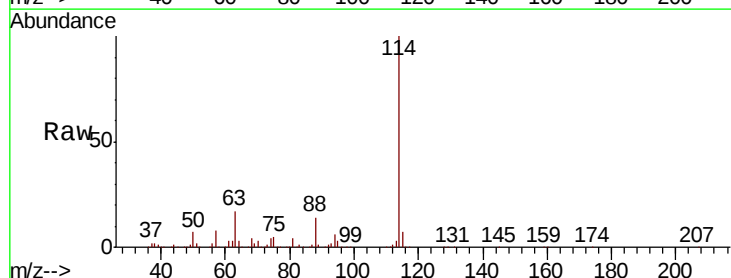
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2

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

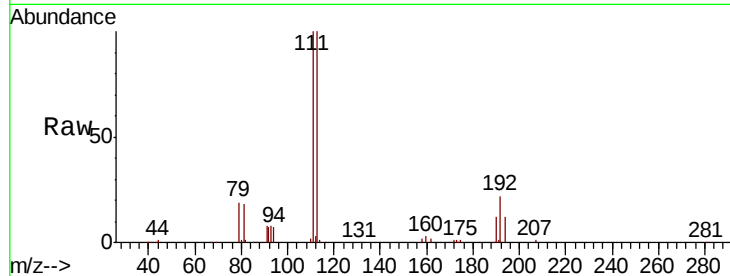




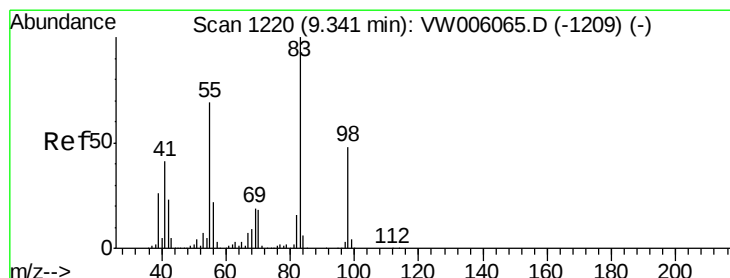
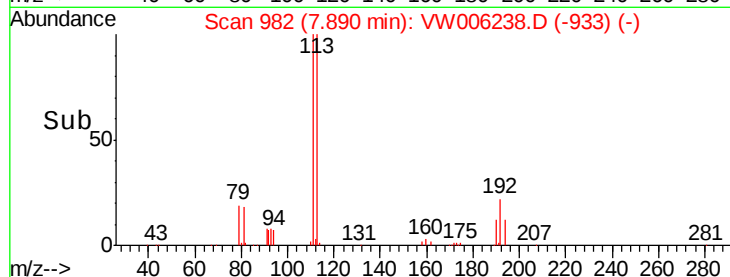
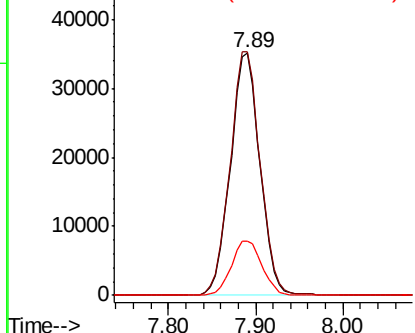
#35
Dibromofluoromethane
Concen: 50.730 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

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

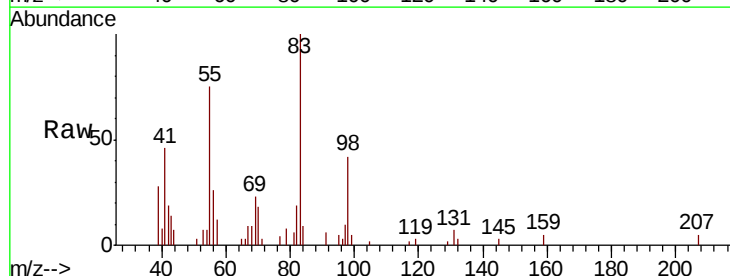


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

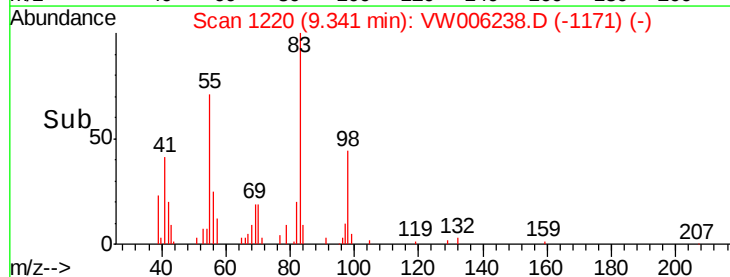
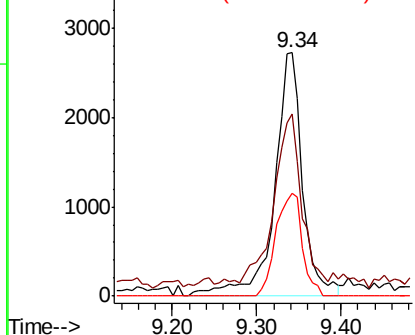


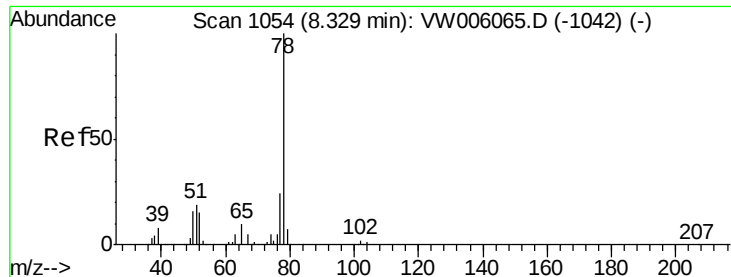
#39
Methylcyclohexane
Concen: 1.872 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

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



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

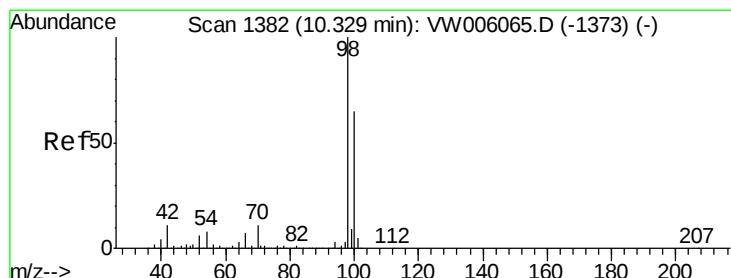
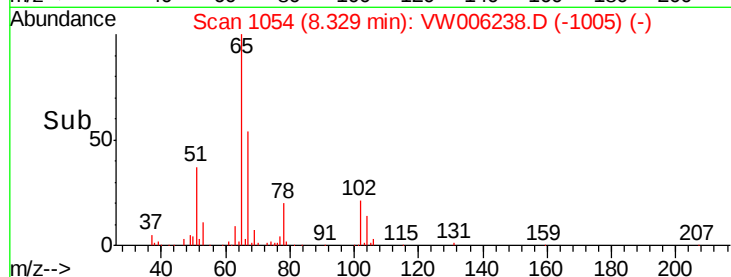
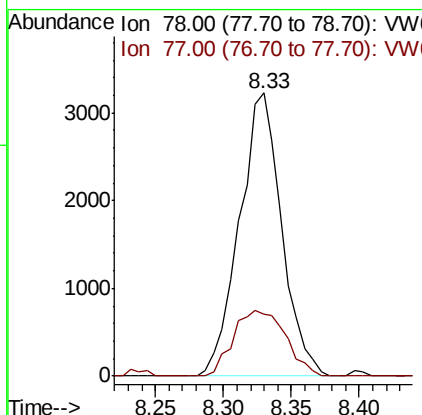
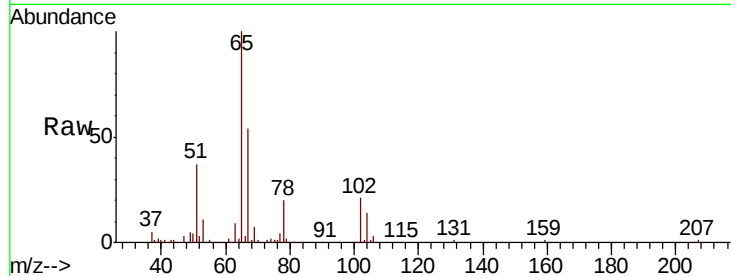




#40
Benzene
Concen: 1.009 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

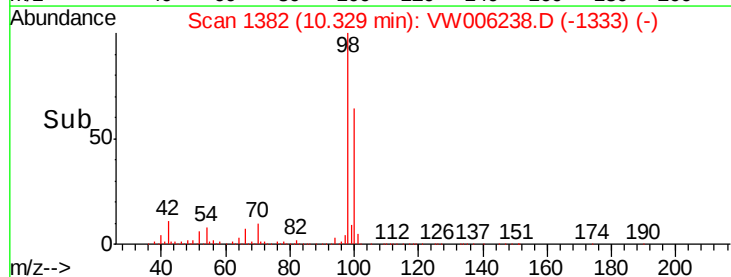
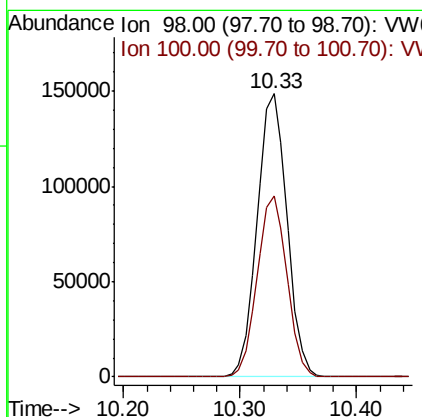
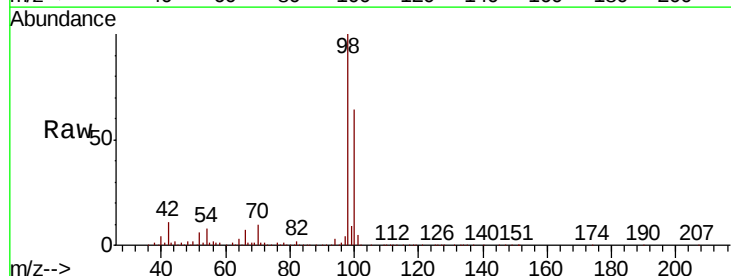
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

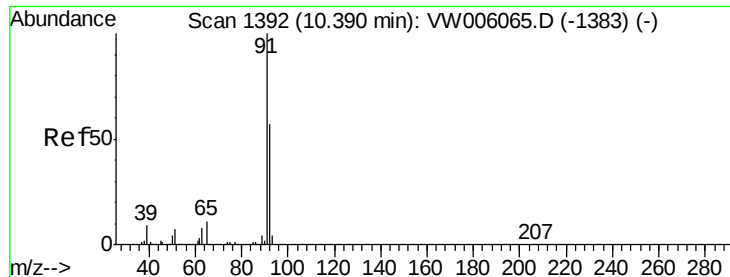
Tot Ion: 78 Resp: 7002
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0



#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

Tgt Ion: 98 Resp: 265792
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4





#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 :

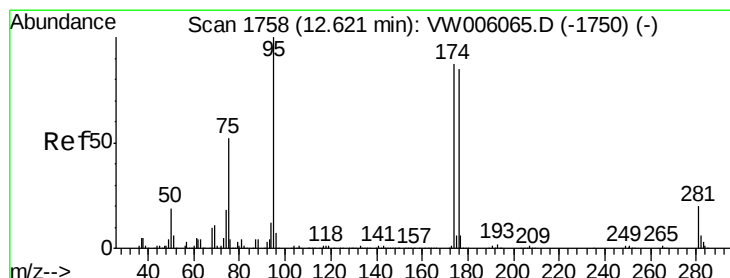
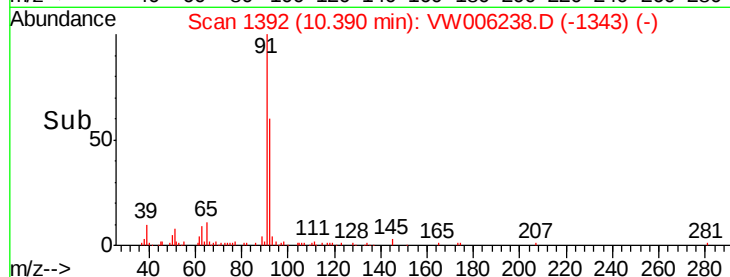
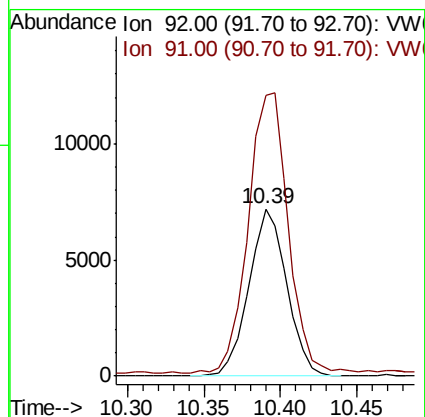
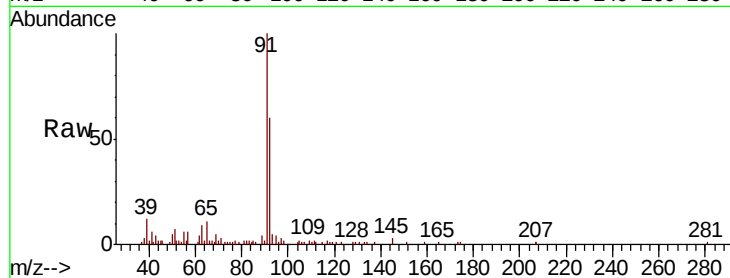
MS-VB-29736-BOX-2

Tot Ion: 92 Resp: 12407

Ion Ratio Lower Upper

92 100

91 176.3 140.0 210.0



#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

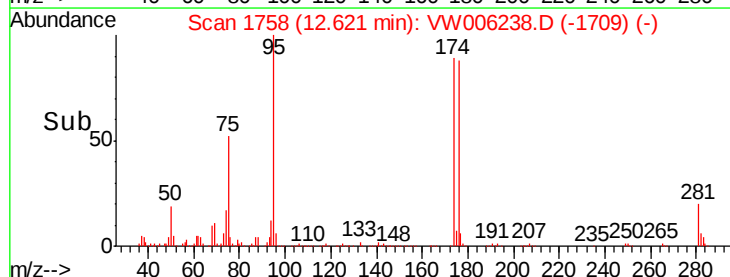
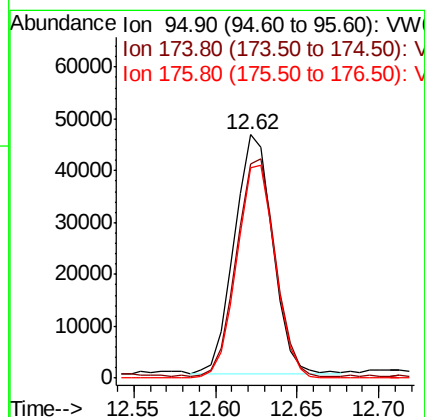
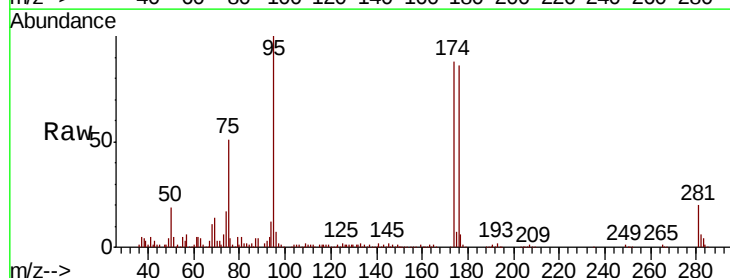
Tgt Ion: 95 Resp: 75782

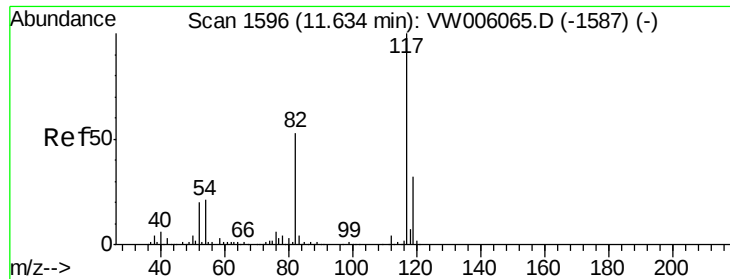
Ion Ratio Lower Upper

95 100

174 91.7 0.0 186.0

176 89.3 0.0 181.6

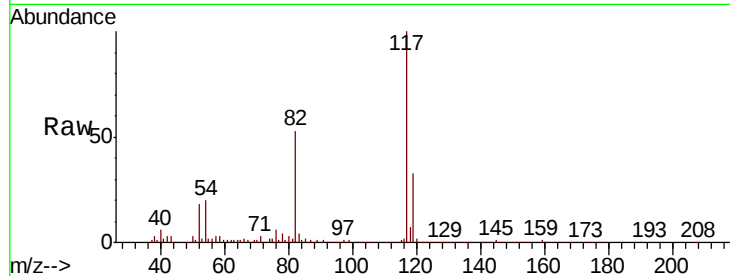




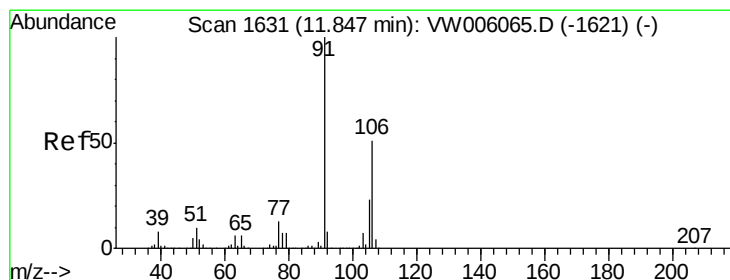
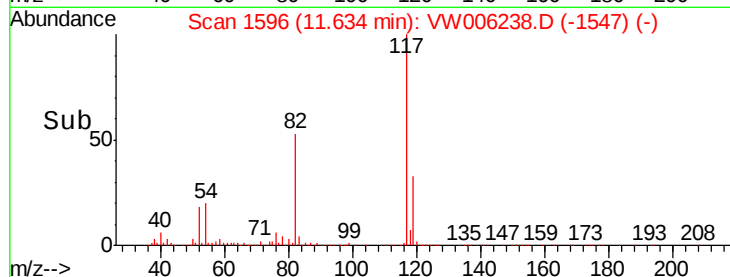
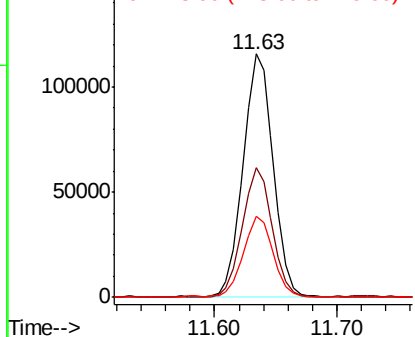
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

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

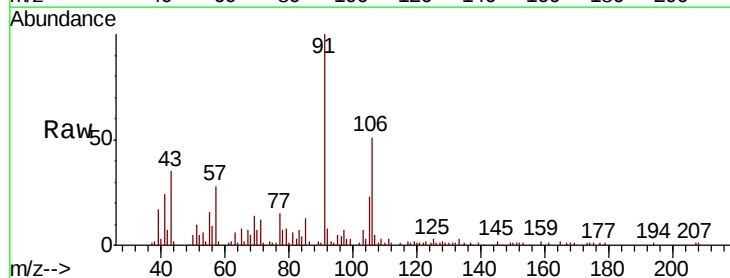


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

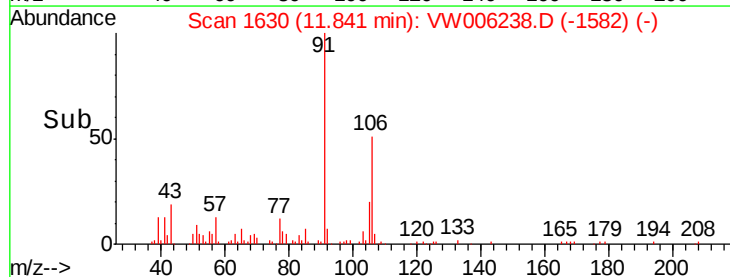
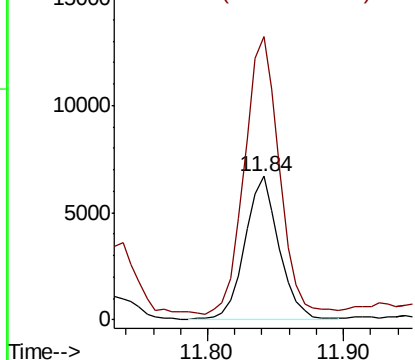


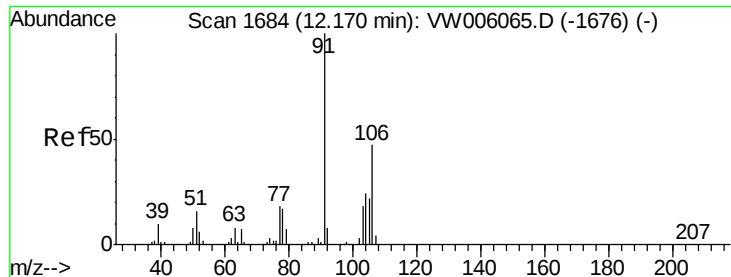
#68
m/p-Xylenes
Concen: 4.110 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

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



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

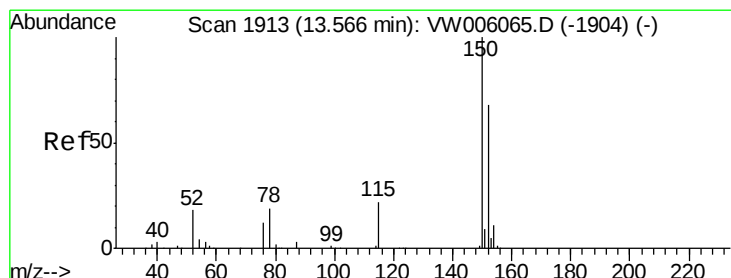
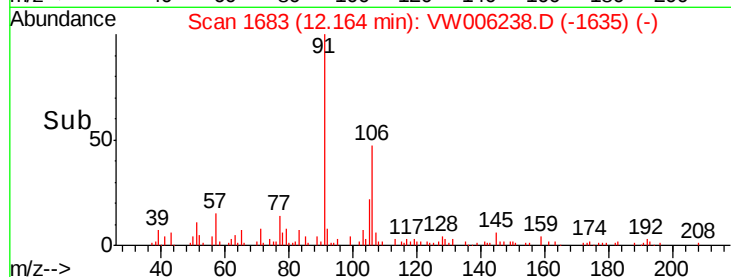
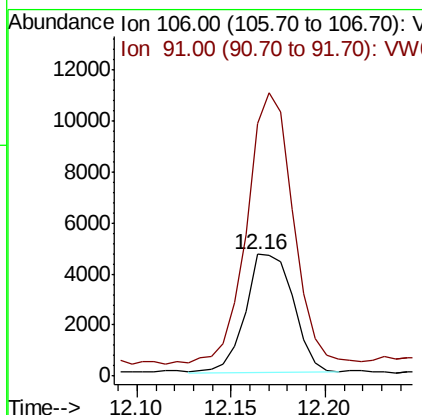
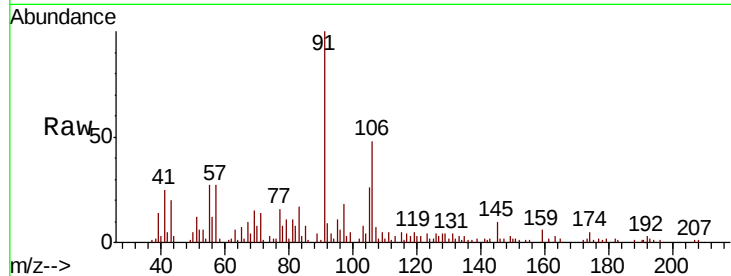




#69
o-Xylene
Concen: 2.968 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

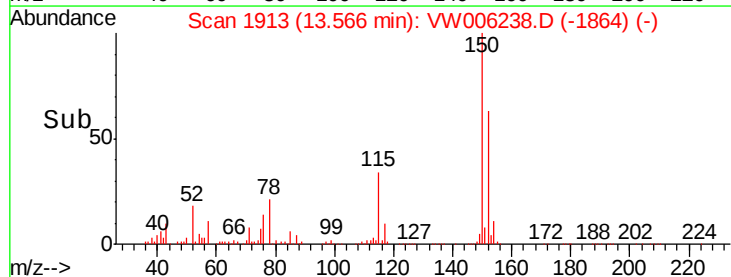
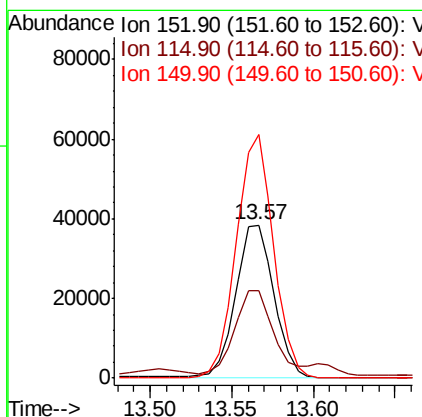
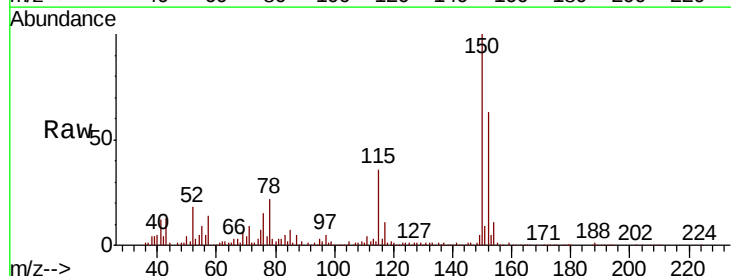
Instrument :
MSVOA_W
ClientSampleId :
MS-VB-29736-BOX-2

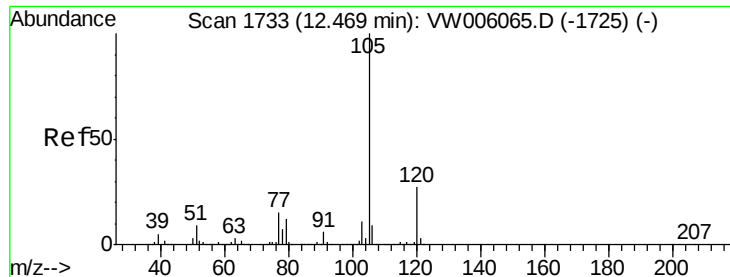
Tot Ion:106 Resp: 8128
Ion Ratio Lower Upper
106 100
91 222.9 105.4 316.1



#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





#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 :

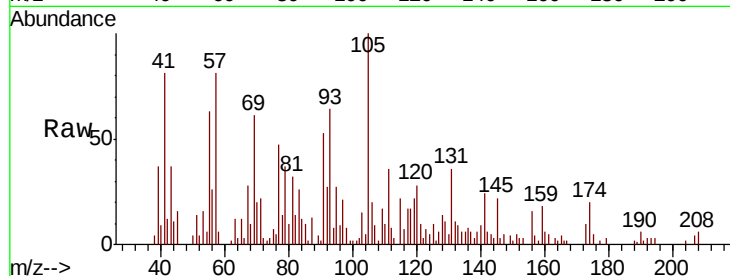
MS-VB-29736-BOX-2

Tot Ion:105 Resp: 5877

Ion Ratio Lower Upper

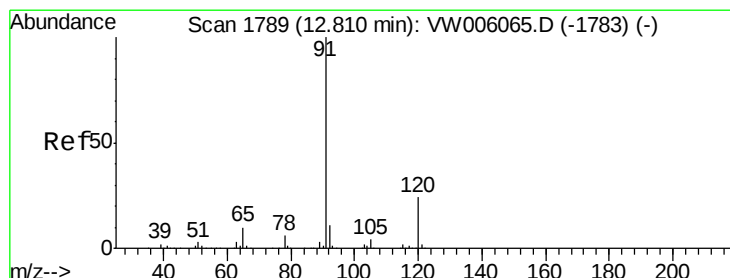
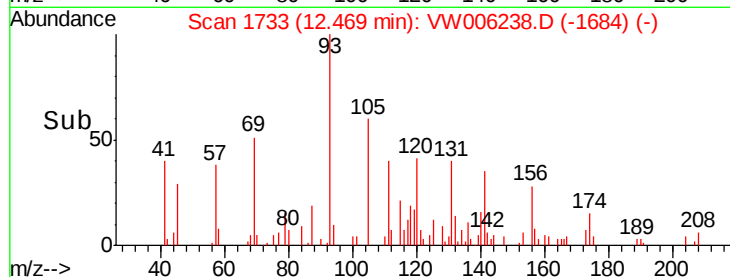
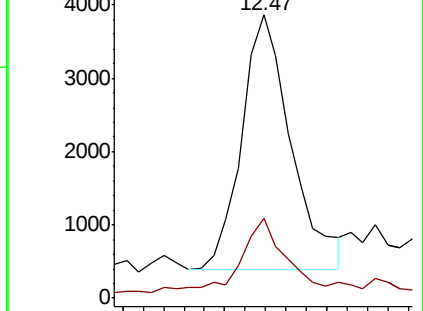
105 100

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



#78

n-propylbenzene

Concen: 1.208 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006238.D

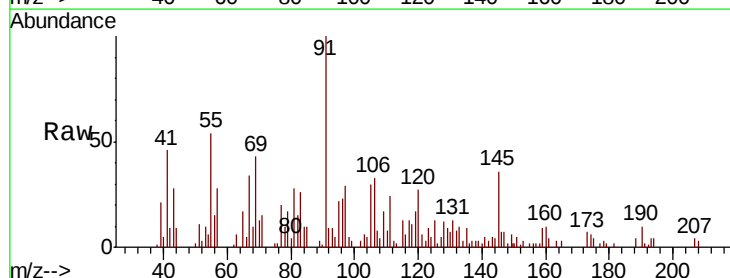
Acq: 19 Oct 2018 20:55

Tgt Ion: 91 Resp: 6185

Ion Ratio Lower Upper

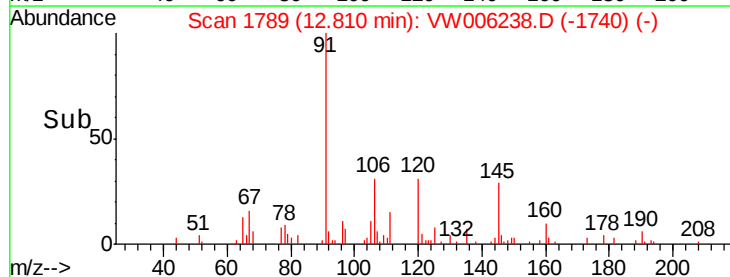
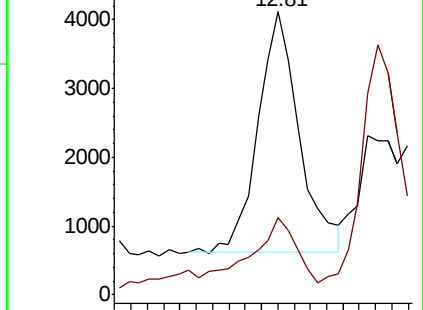
91 100

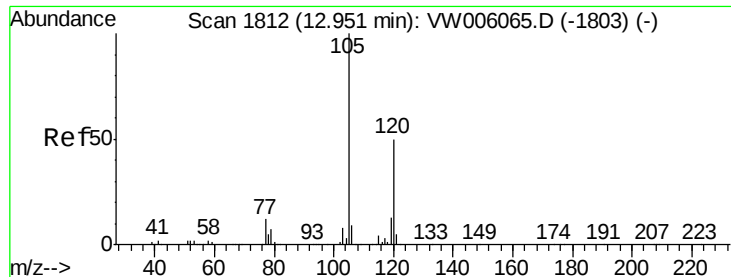
120 31.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

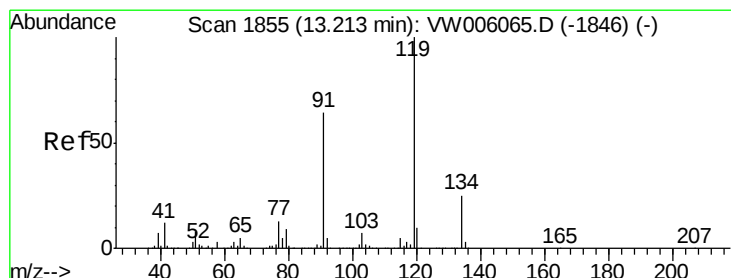
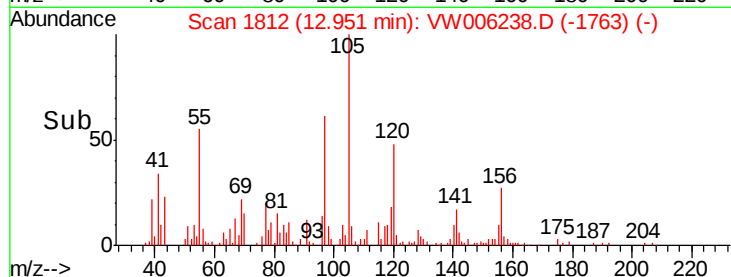
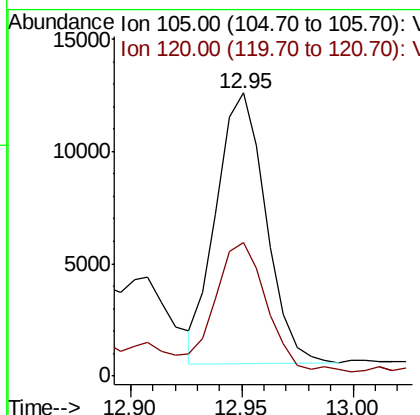
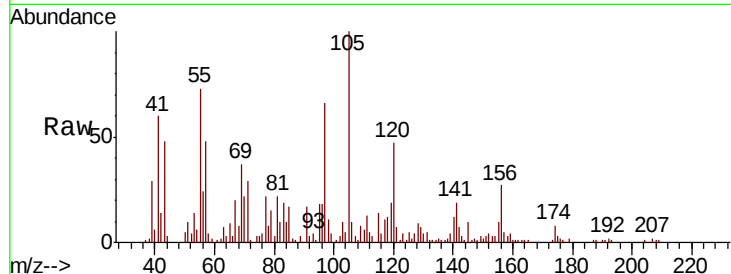




#80
 1,3,5-Trimethylbenzene
 Concen: 5.040 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

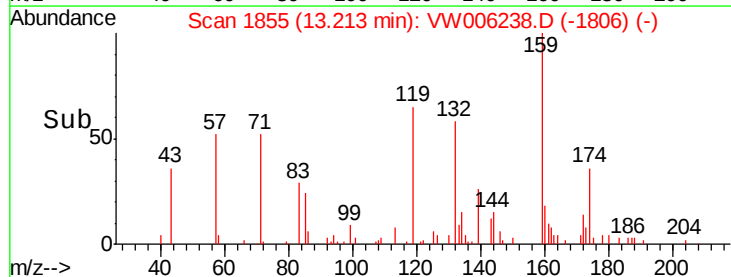
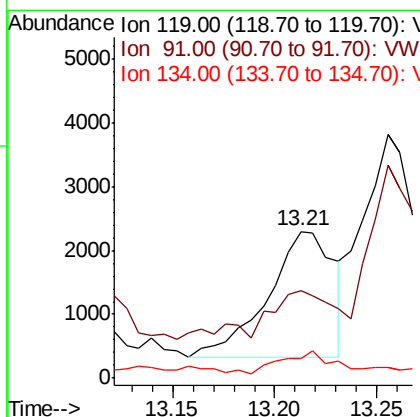
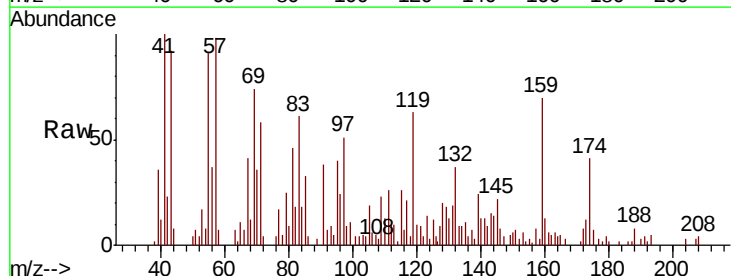
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2

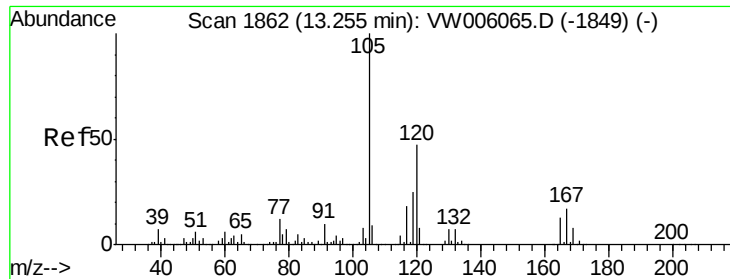
Tot Ion:105 Resp: 18707
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.6



#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

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

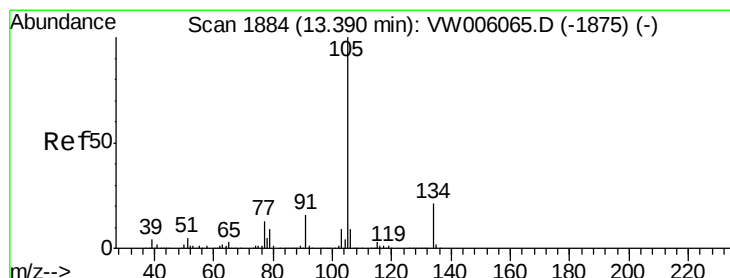
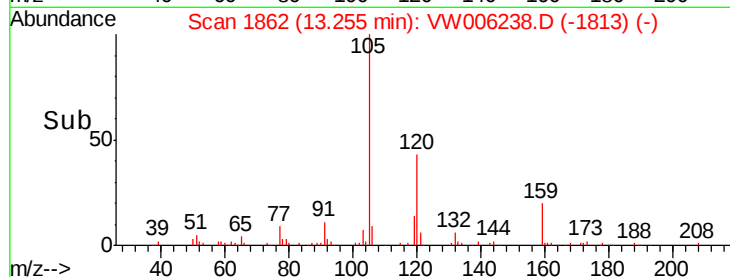
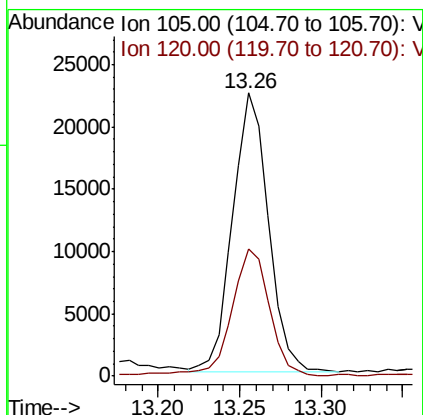
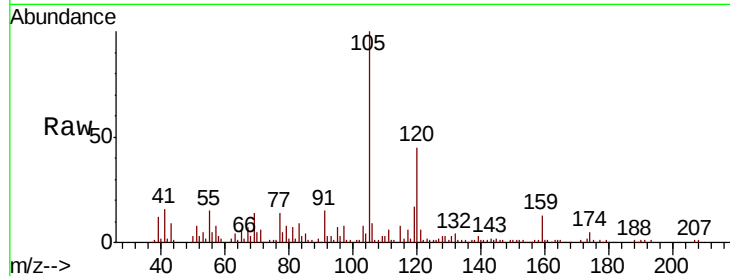




#84
 1,2,4-Trimethylbenzene
 Concen: 9.128 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

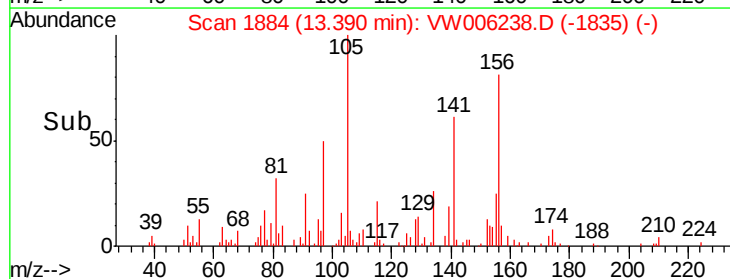
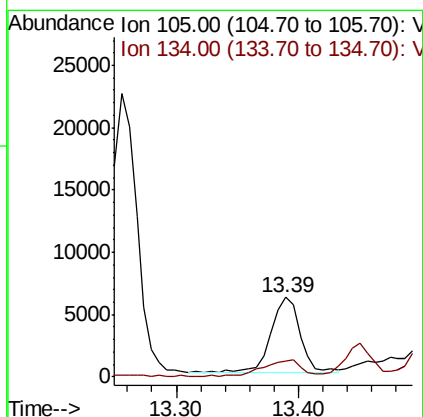
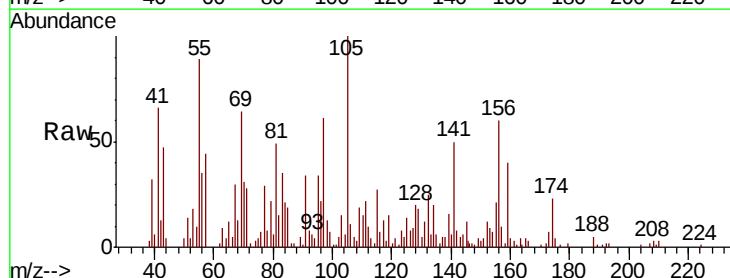
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2

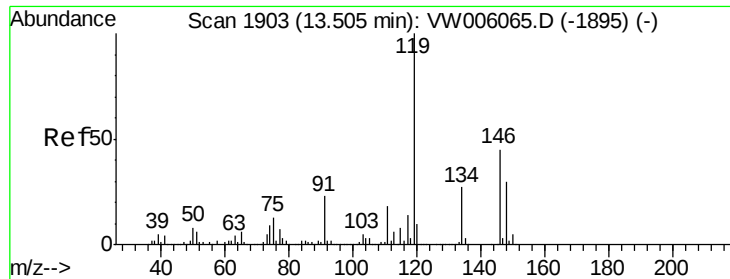
Tot Ion:105 Resp: 34282
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.1 69.3



#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

Tgt Ion:105 Resp: 10146
 Ion Ratio Lower Upper
 105 100
 134 31.6 10.5 31.6

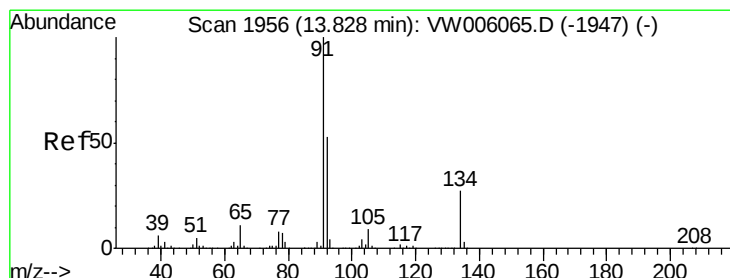
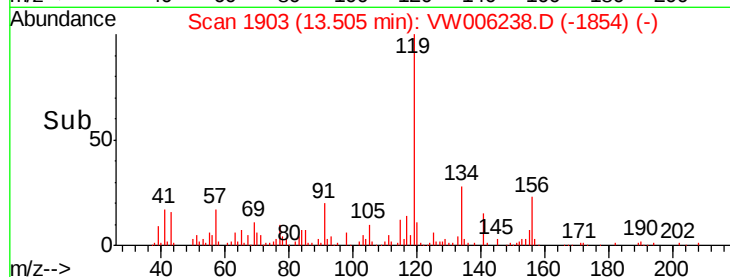
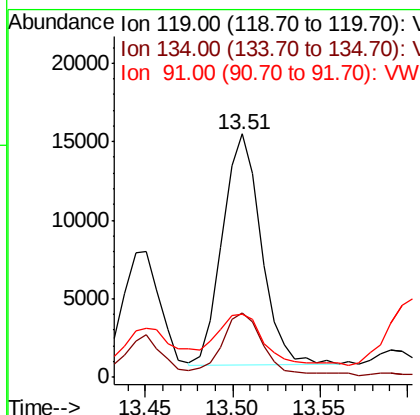
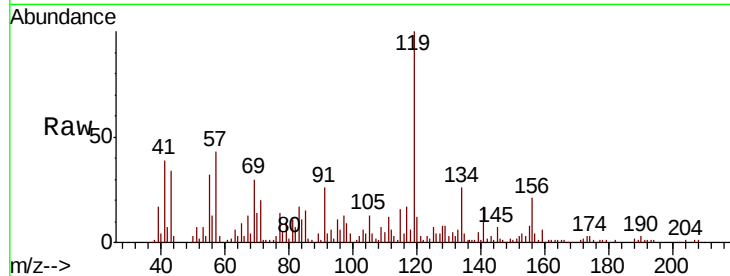




#86
 p-Isopropyltoluene
 Concen: 5.346 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006238.D
 Acq: 19 Oct 2018 20:55

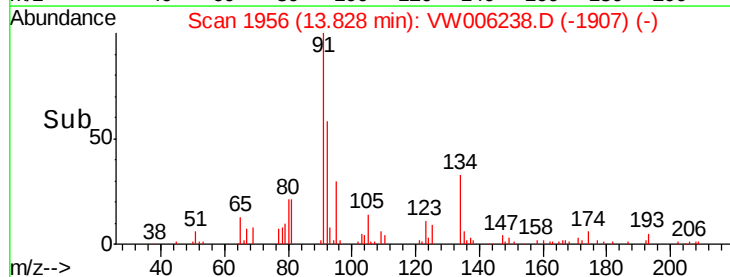
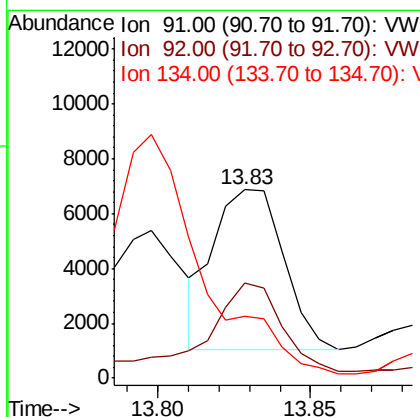
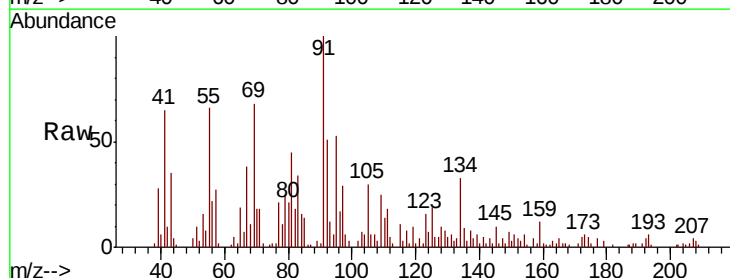
Instrument :
 MSVOA_W
 ClientSampleId :
 MS-VB-29736-BOX-2

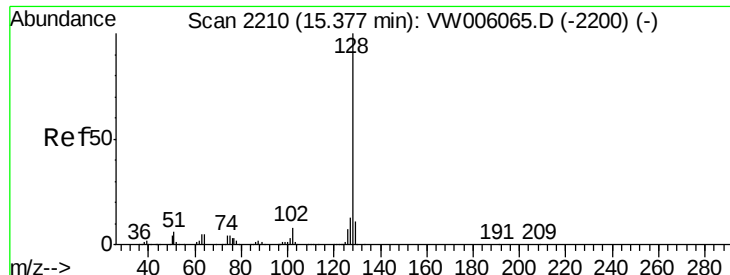
Tot Ion:119 Resp: 22683
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 26.1 11.4 34.1



#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

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

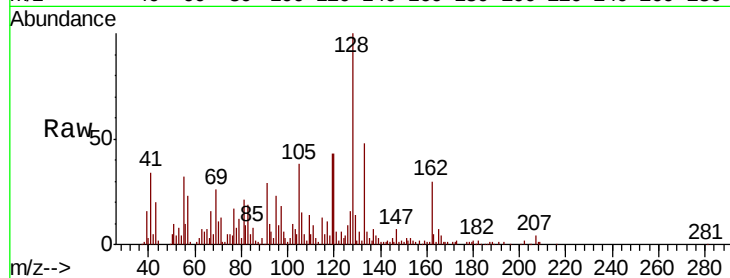




#95
Naphthalene
Concen: 13.869 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006238.D
Acq: 19 Oct 2018 20:55

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

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



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

