

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102518\
 Data File : VW006337.D
 Acq On : 25 Oct 2018 01:28
 Operator : SY/AP
 Sample : J5200-13
 Misc : 6.4G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-A

Quant Time: Oct 25 07:22:40 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	320201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	487700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157812	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	144216	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
35) Dibromofluoromethane	7.88	113	139004	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
50) Toluene-d8	10.33	98	429726	39.19	ug/l	0.00
Spiked Amount			Recovery	=	78.38%	
62) 4-Bromofluorobenzene	12.62	95	152502	37.03	ug/l	0.00
Spiked Amount			Recovery	=	74.06%	

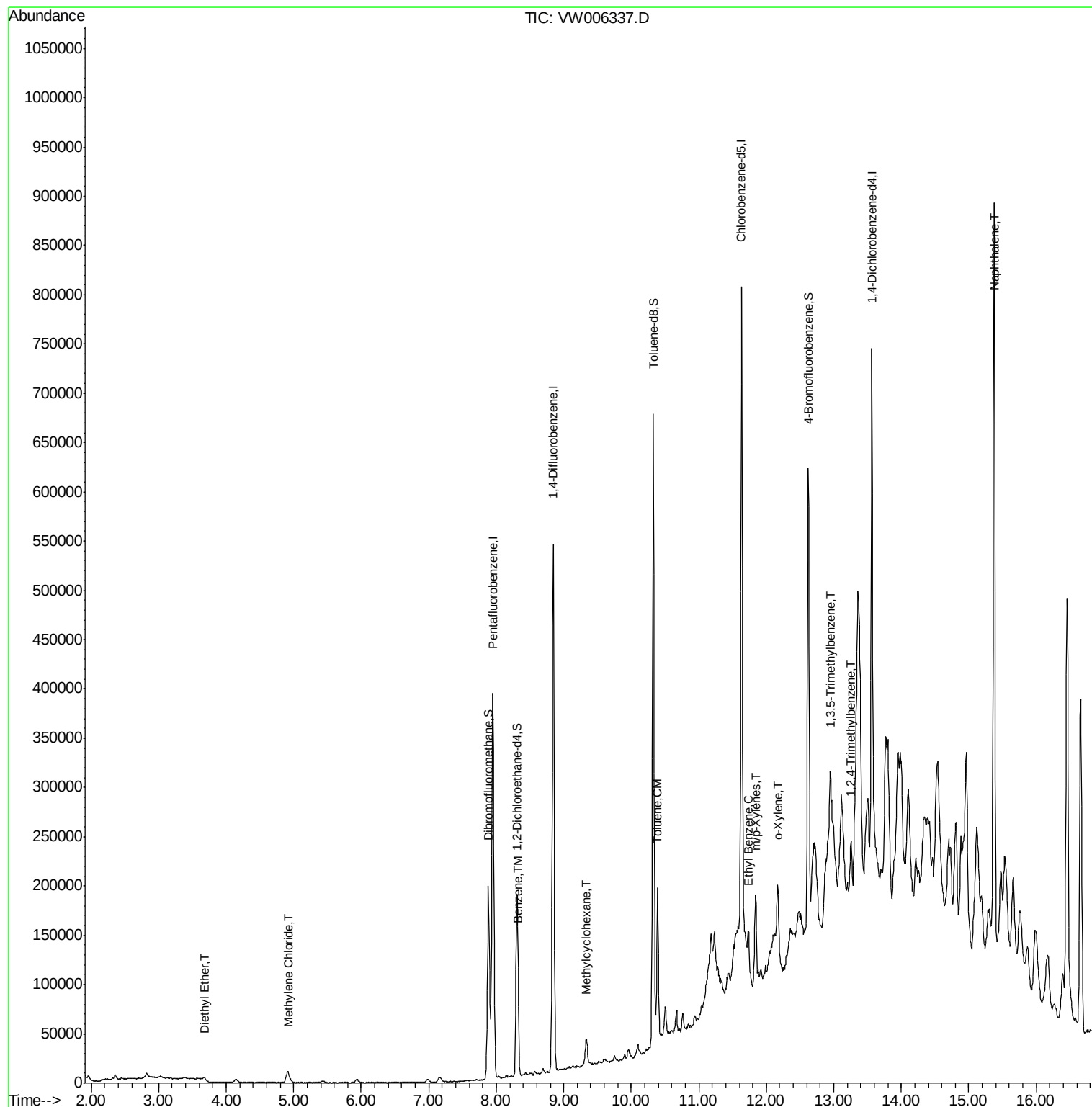
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2634	1.826	ug/l	89
20) Methylene Chloride	4.92	84	9934	1.973	ug/l	92
39) Methylcyclohexane	9.34	83	12194	2.041	ug/l	91
40) Benzene	8.33	78	13216	1.072	ug/l	94
52) Toluene	10.39	92	66379	8.030	ug/l	97
67) Ethyl Benzene	11.73	91	25637	1.823	ug/l	95
68) m/p-Xylenes	11.84	106	30728	5.527	ug/l	98
69) o-Xylene	12.17	106	19233	3.630	ug/l	89
80) 1,3,5-Trimethylbenzene	12.95	105	18456	1.964	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	32648	3.433	ug/l	97
95) Naphthalene	15.38	128	667651	107.601	ug/l	98

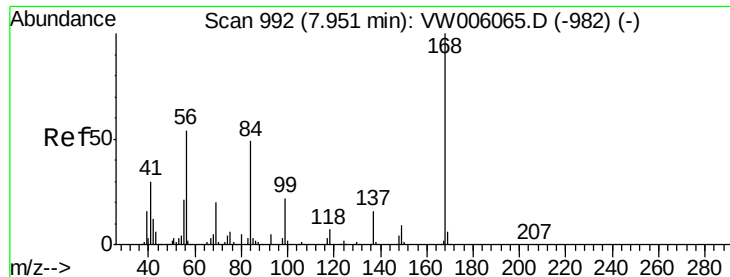
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
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OR-02-102318-A

Quant Time: Oct 25 07:22:40 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: VW006337.D

Acq: 25 Oct 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

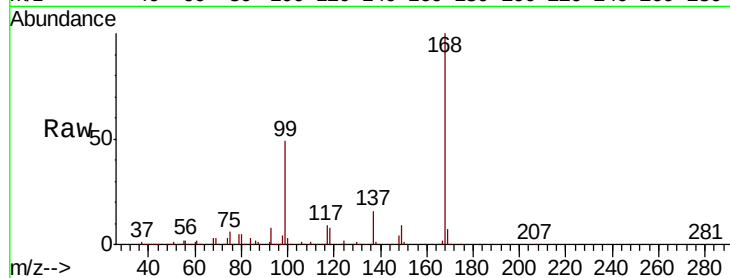
OR-02-102318-A

Tot Ion:168 Resp: 320201

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

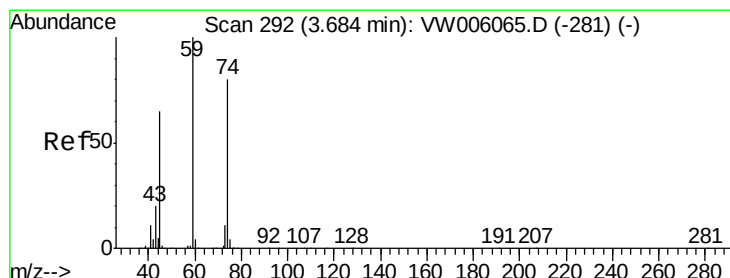
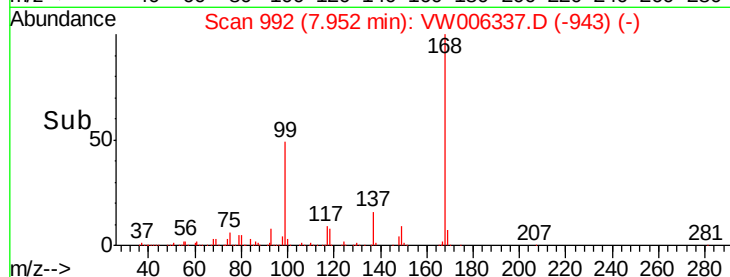
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.826 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006337.D

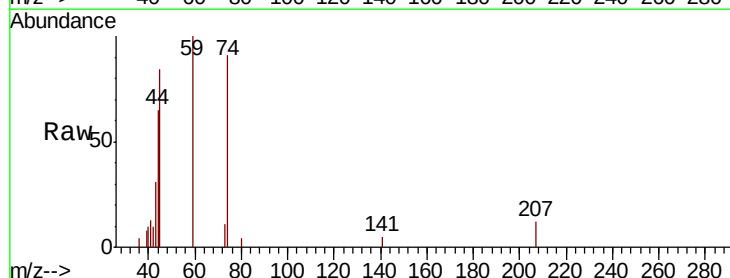
Acq: 25 Oct 2018 01:28

Tgt Ion: 74 Resp: 2634

Ion Ratio Lower Upper

74 100

45 95.3 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

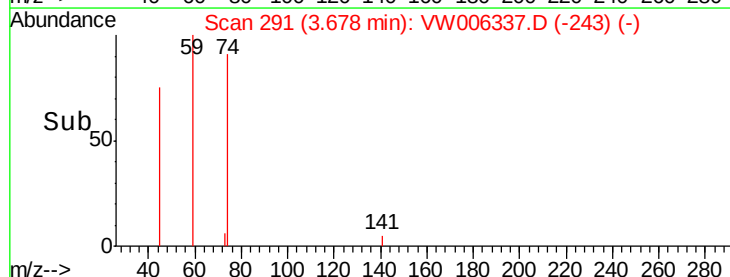
3.68

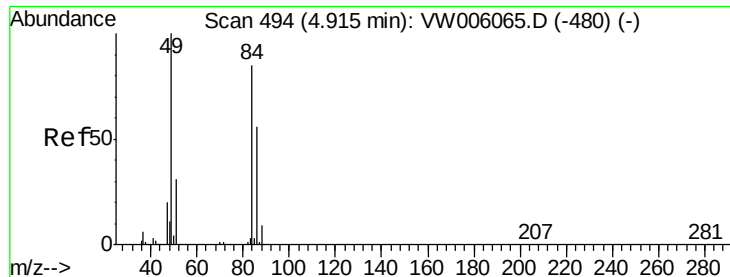
1000

500

0

Time-->



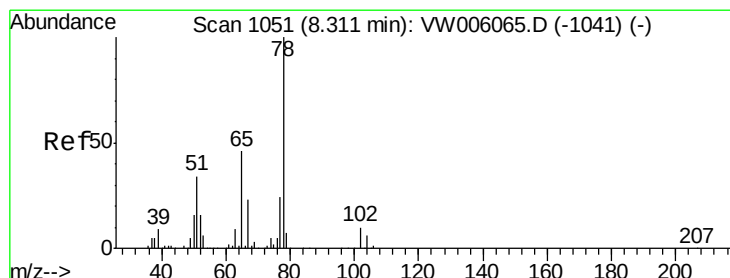
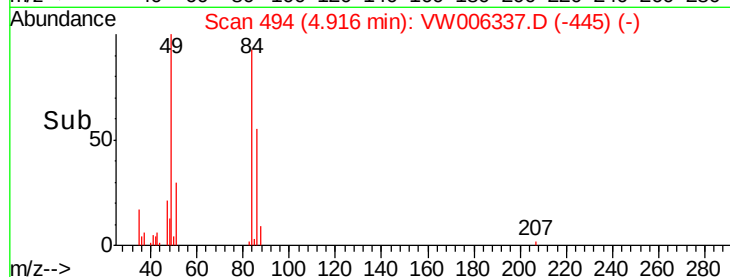
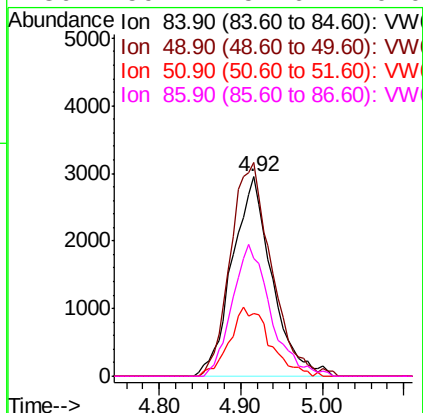
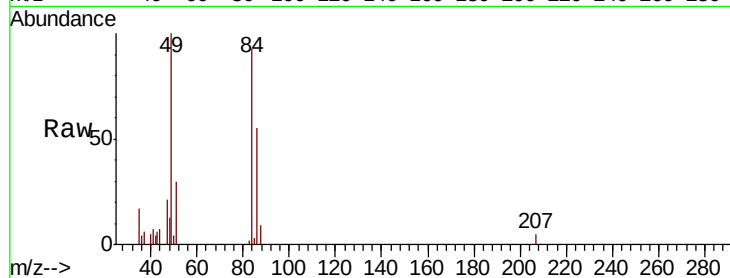


#20
Methylene Chloride
Concen: 1.973 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-A

Tot Ion: 84 Resp: 9934

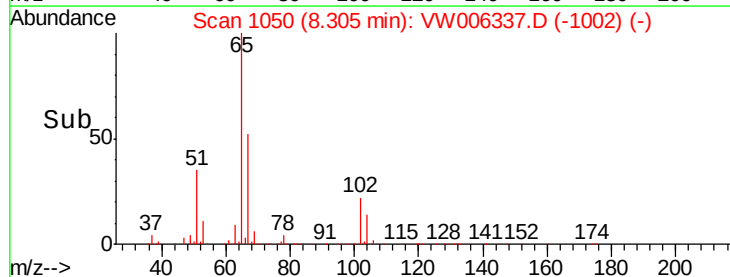
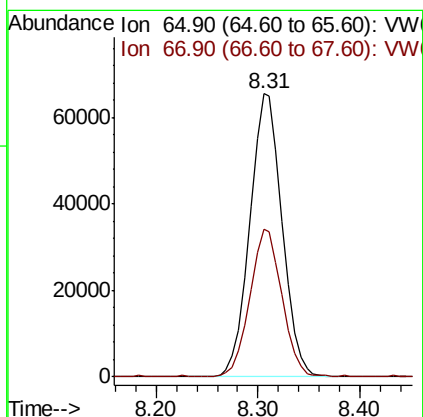
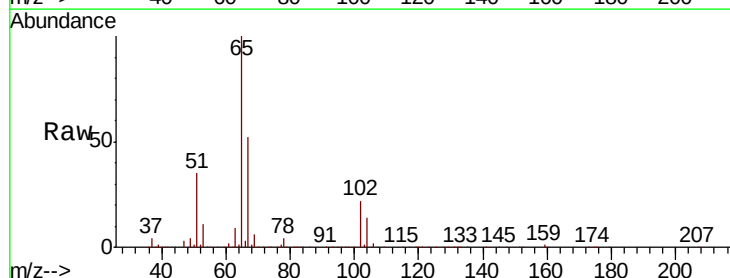
Ion	Ratio	Lower	Upper
84	100		
49	107.2	93.6	140.4
51	31.8	29.0	43.4
86	59.4	52.6	79.0

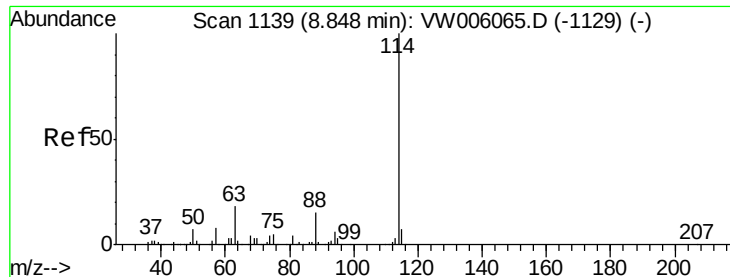


#33
1,2-Dichloroethane-d4
Concen: 54.326 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Tgt Ion: 65 Resp: 144216

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.0

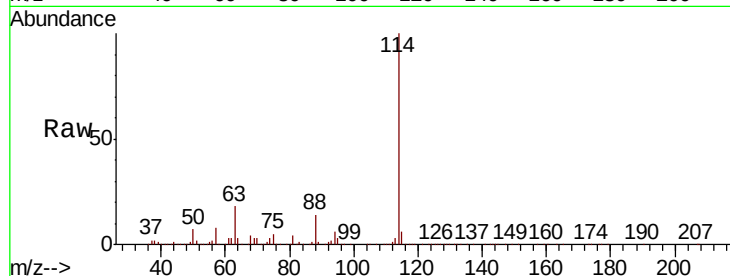




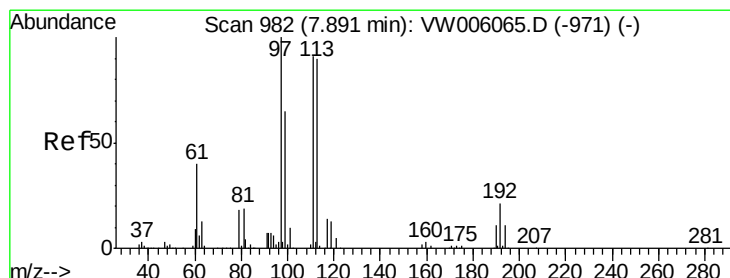
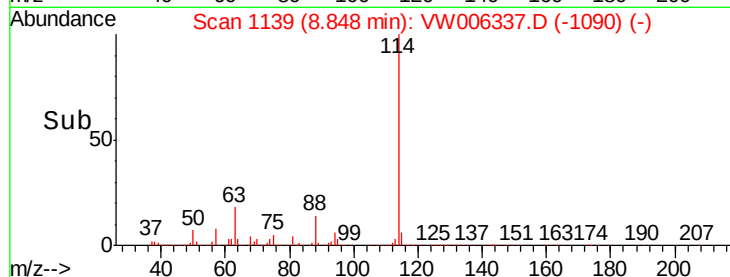
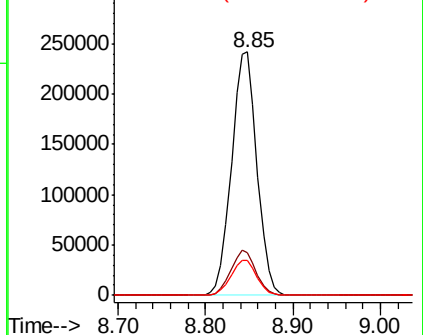
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.8
88	14.5	0.0	29.0

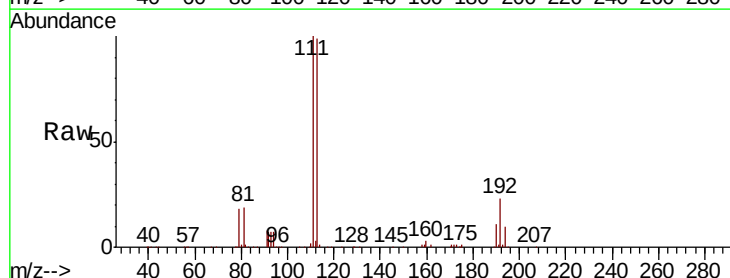


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

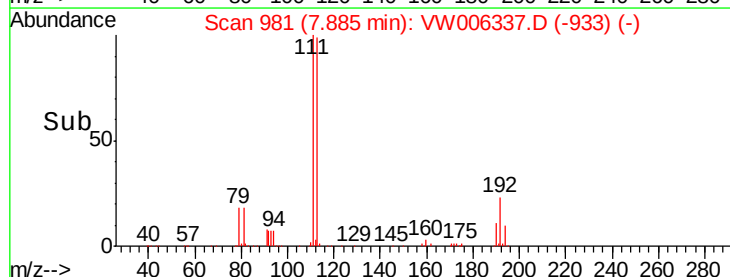
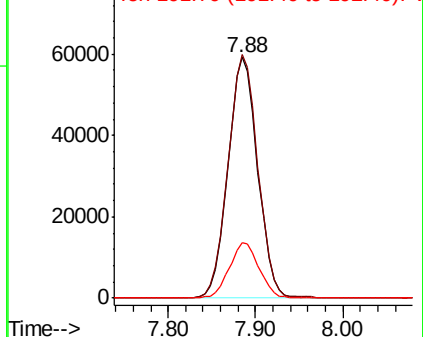


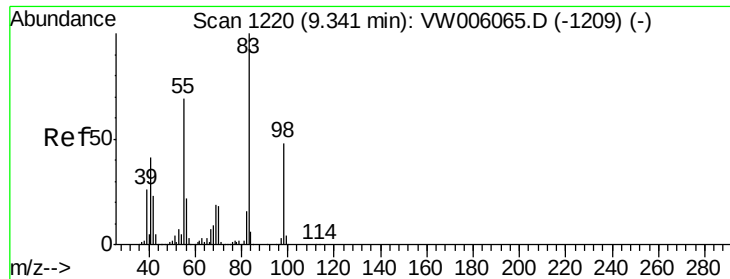
#35
Dibromofluoromethane
Concen: 48.235 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.0	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

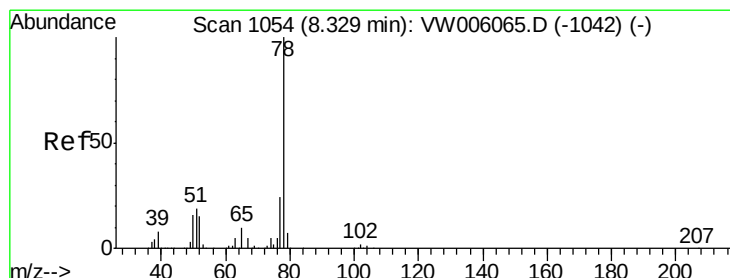
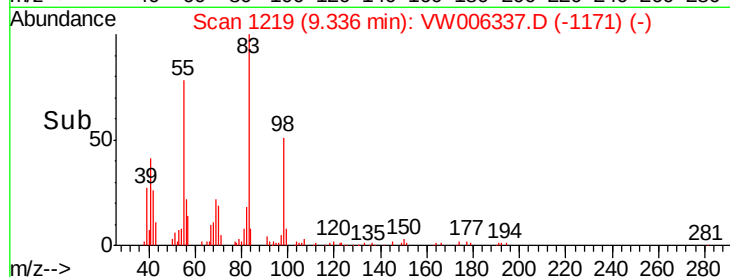
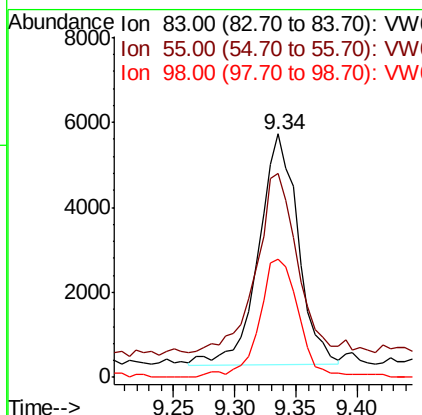
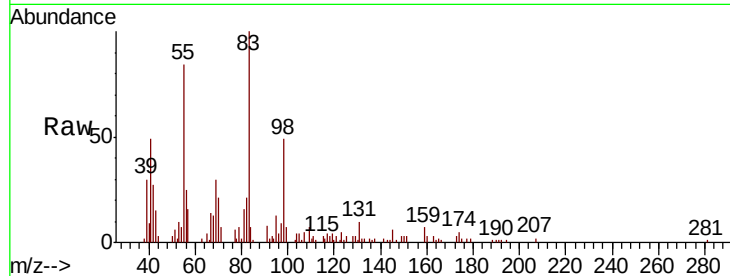




#39
Methylvlcyclohexane
Concen: 2.041 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

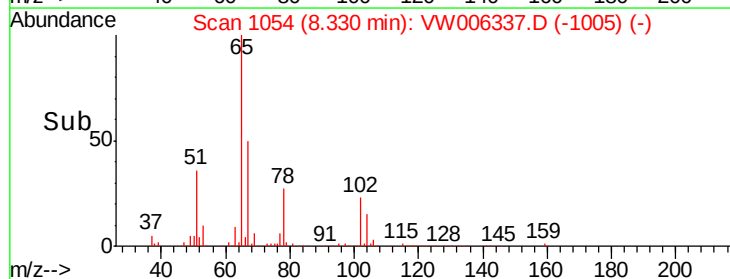
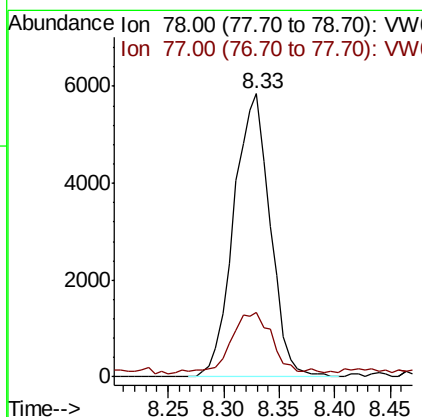
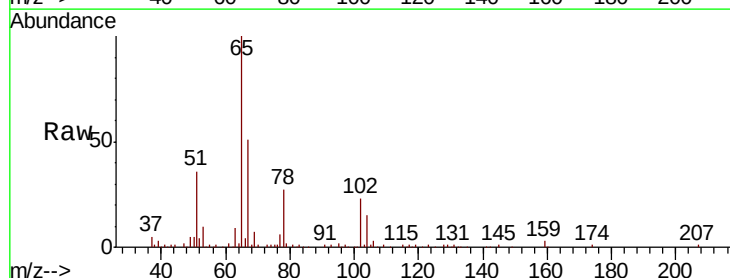
Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-A

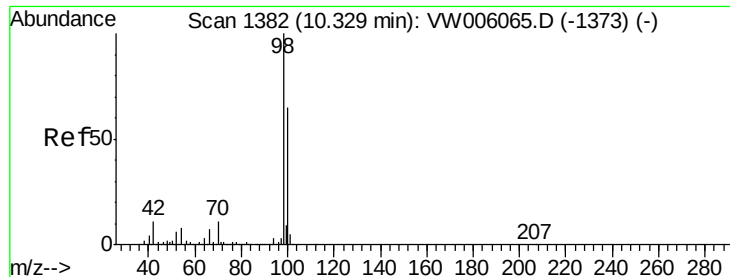
Tot Ion: 83 Resp: 12194
Ion Ratio Lower Upper
83 100
55 78.4 55.0 82.6
98 51.8 38.6 57.8



#40
Benzene
Concen: 1.072 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Tgt Ion: 78 Resp: 13216
Ion Ratio Lower Upper
78 100
77 21.4 19.4 29.0

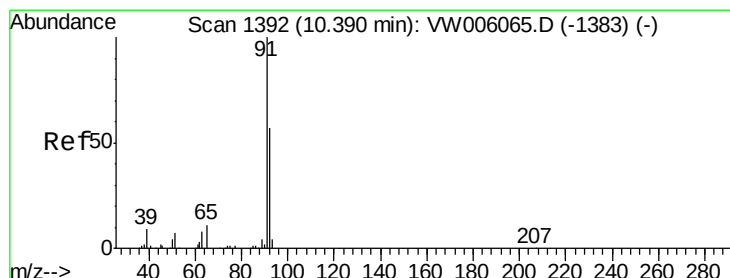
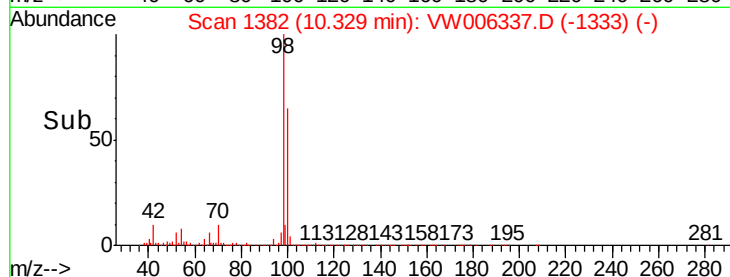
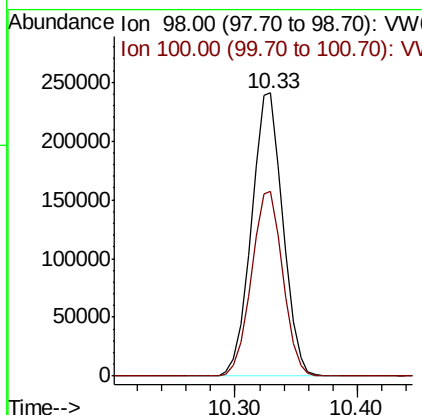
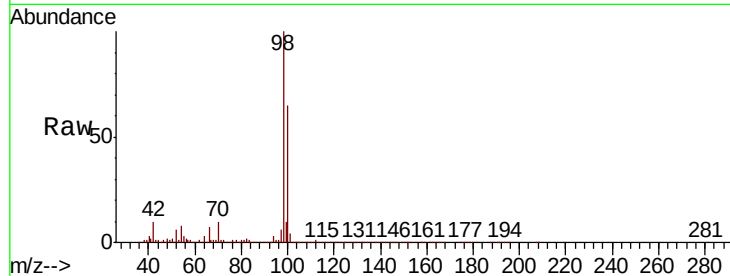




#50
Toluene-d8
Concen: 39.195 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

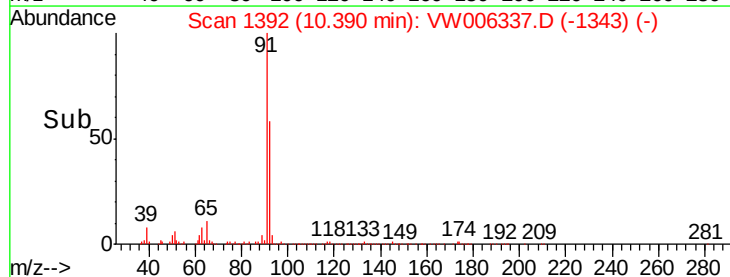
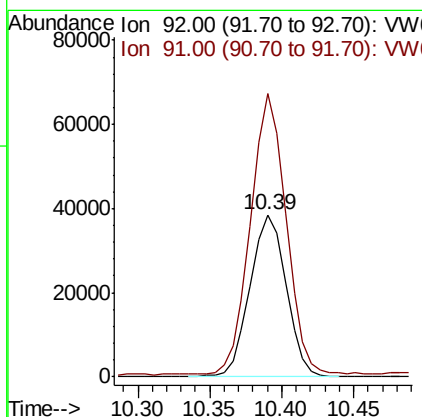
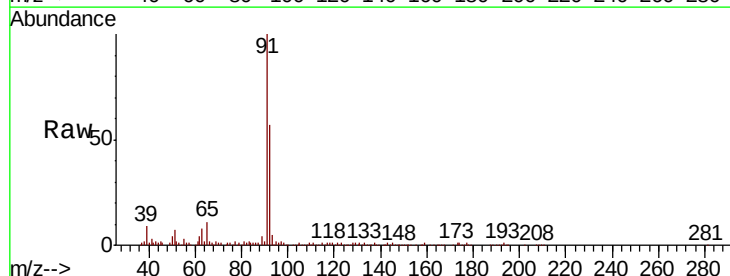
Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-A

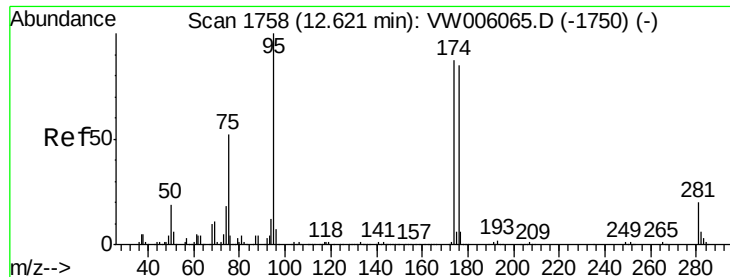
Tot Ion: 98 Resp: 429726
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



#52
Toluene
Concen: 8.030 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Tgt Ion: 92 Resp: 66379
Ion Ratio Lower Upper
92 100
91 170.9 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 37.034 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006337.D

Acq: 25 Oct 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

OR-02-102318-A

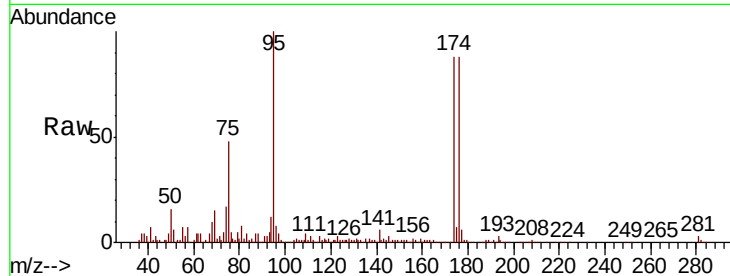
Tot Ion: 95 Resp: 152502

Ion Ratio Lower Upper

95 100

174 89.7 0.0 186.0

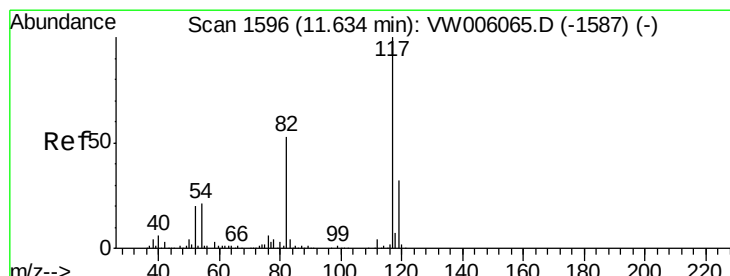
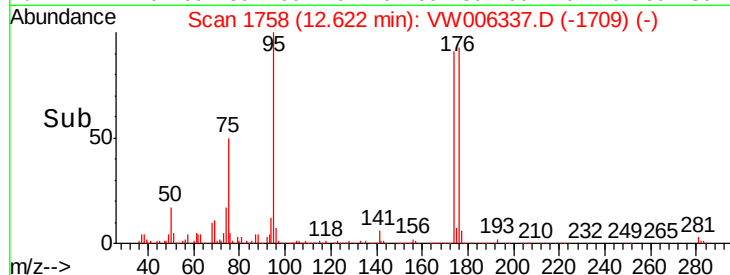
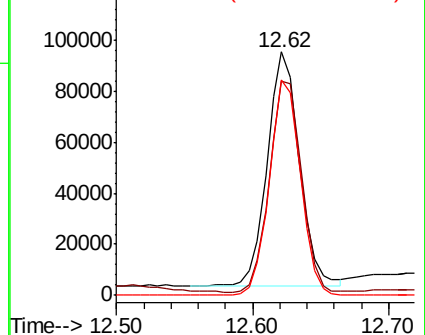
176 88.3 0.0 181.6



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: VW006337.D

Acq: 25 Oct 2018 01:28

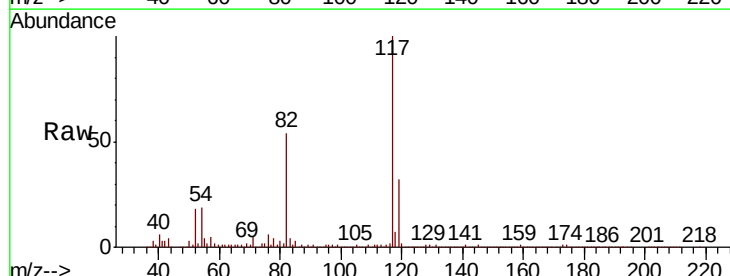
Tgt Ion: 117 Resp: 379138

Ion Ratio Lower Upper

117 100

82 54.2 42.1 63.1

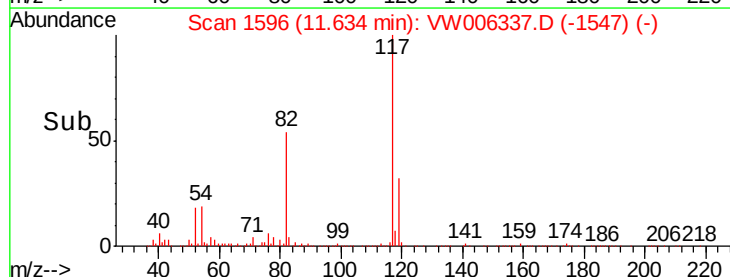
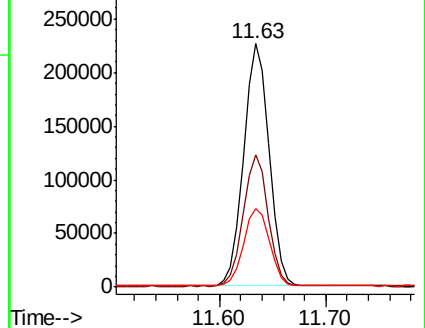
119 31.8 25.8 38.6

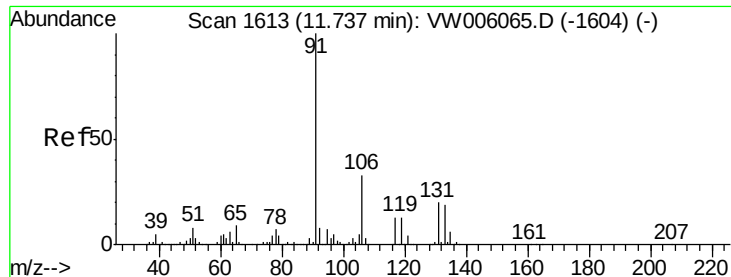


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

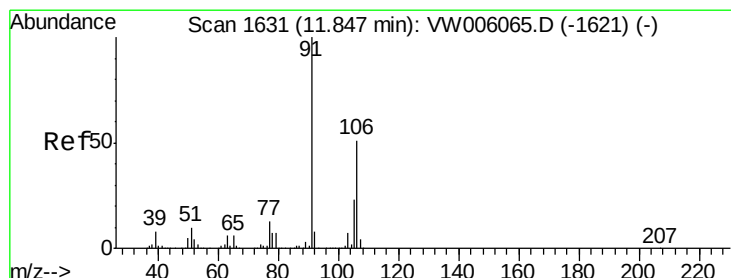
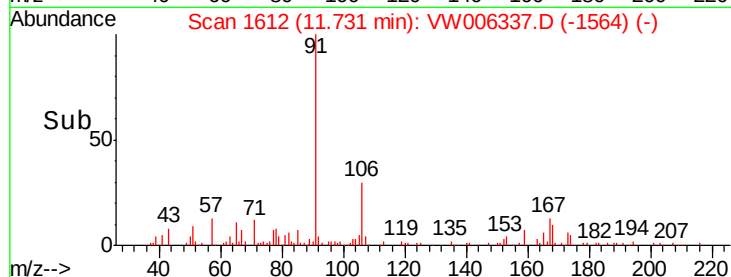
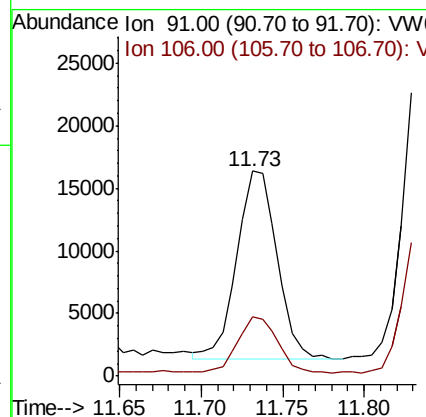
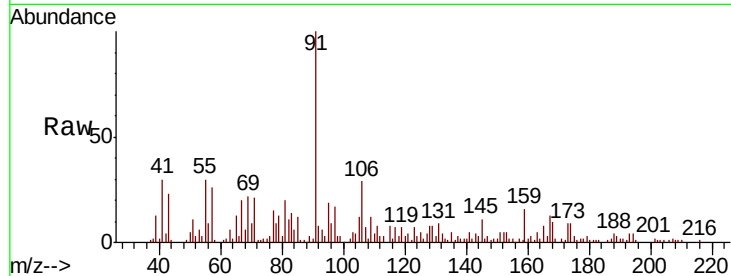




#67
Ethyl Benzene
Concen: 1.823 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

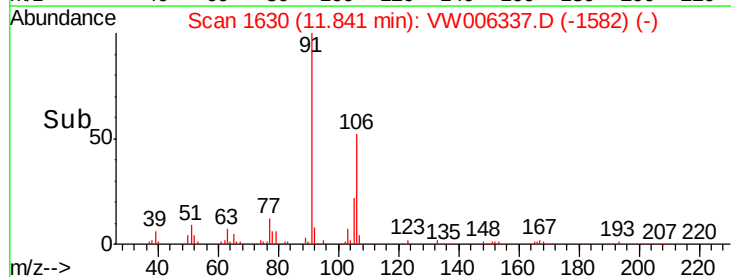
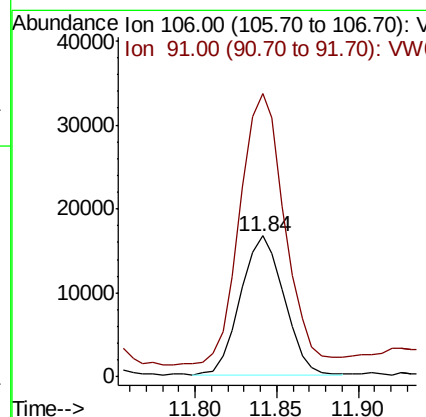
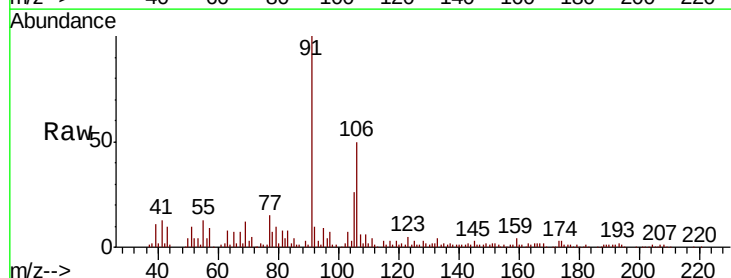
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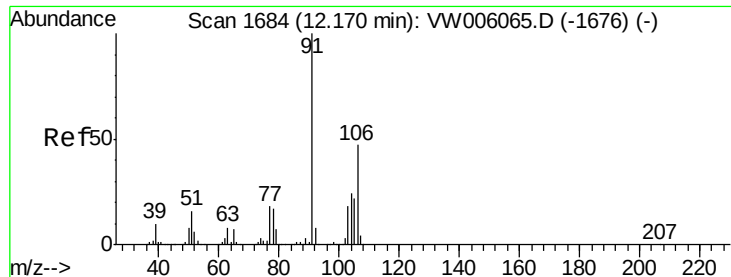
Tot Ion: 91 Resp: 25637
Ion Ratio Lower Upper
91 100
106 29.6 26.1 39.1



#68
m/p-Xylenes
Concen: 5.527 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Tgt Ion: 106 Resp: 30728
Ion Ratio Lower Upper
106 100
91 201.9 159.1 238.7

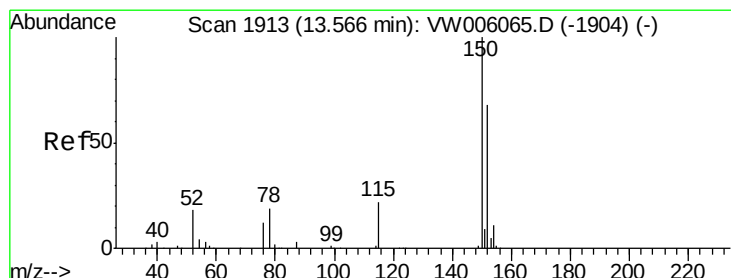
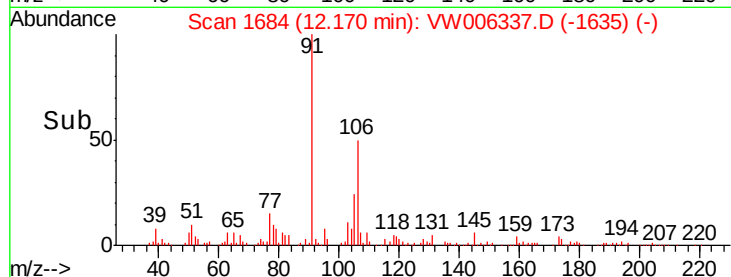
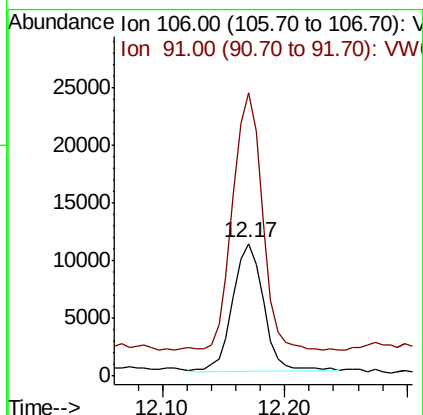
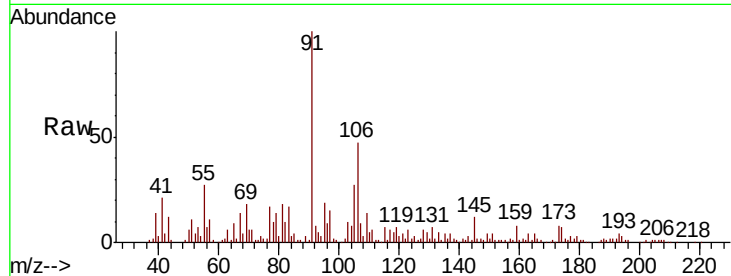




#69
o-Xylene
Concen: 3.630 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

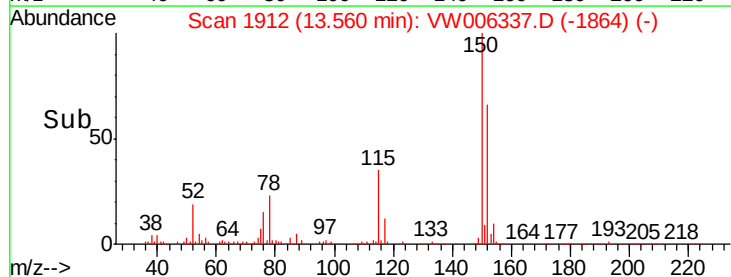
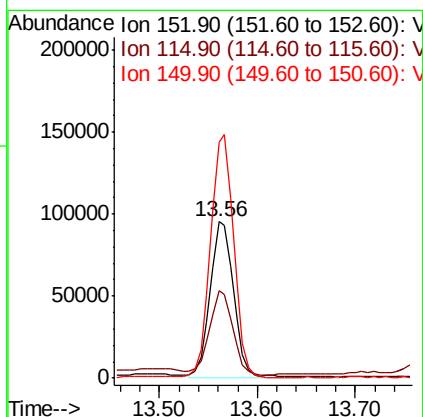
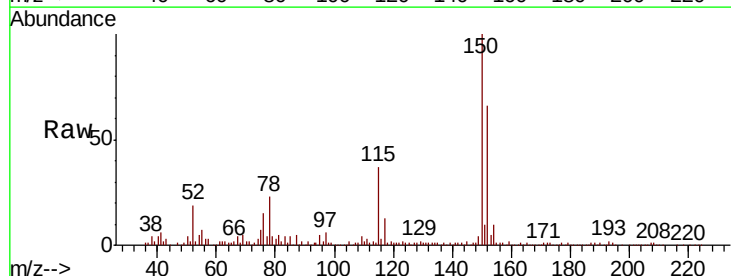
Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-A

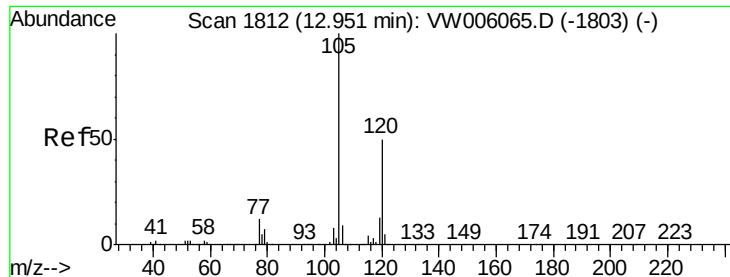
Tot Ion:106 Resp: 19233
Ion Ratio Lower Upper
106 100
91 194.1 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Tgt Ion:152 Resp: 157812
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.3
150 153.3 0.0 349.2

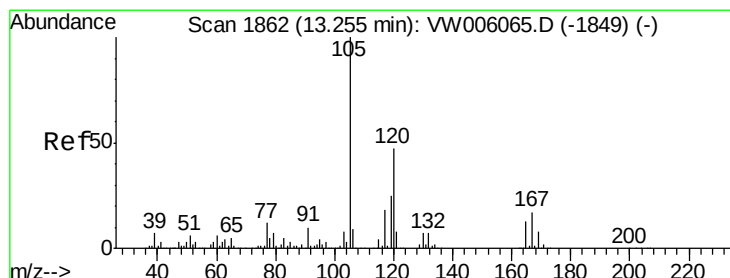
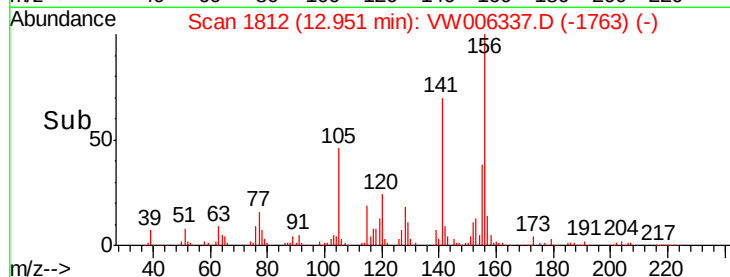
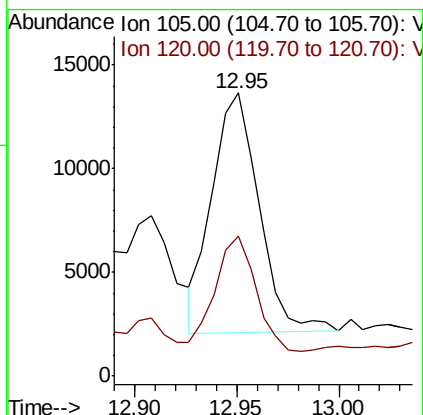
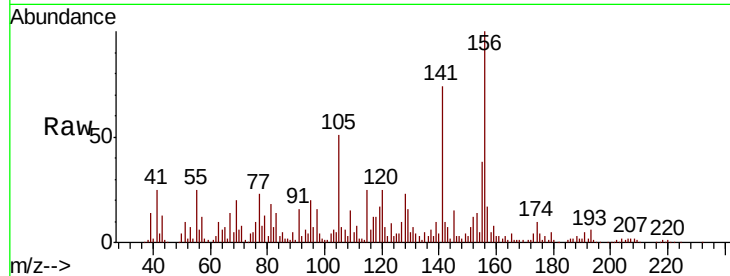




#80
 1,3,5-Trimethylbenzene
 Concen: 1.964 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006337.D
 Acq: 25 Oct 2018 01:28

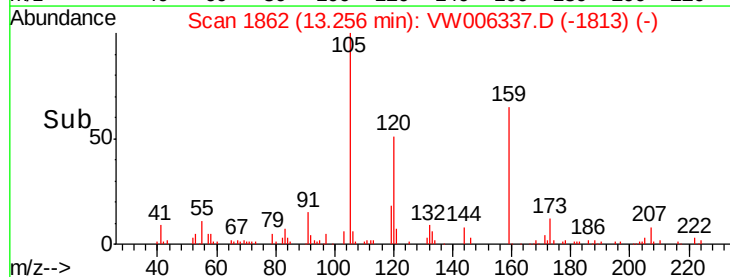
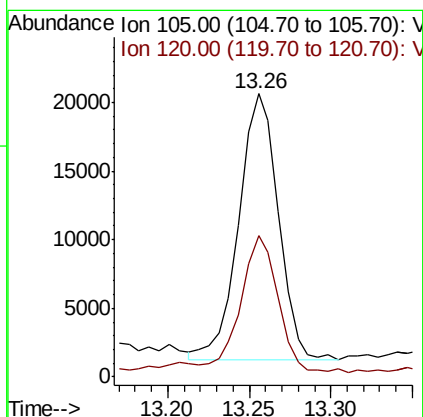
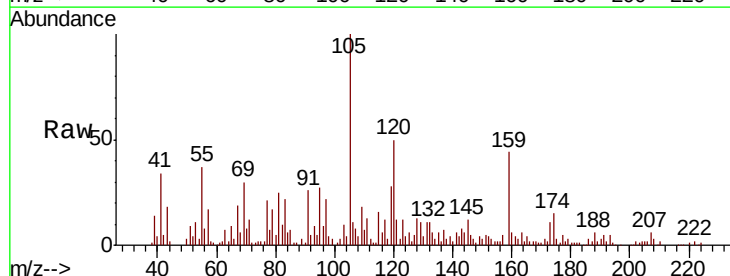
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-A

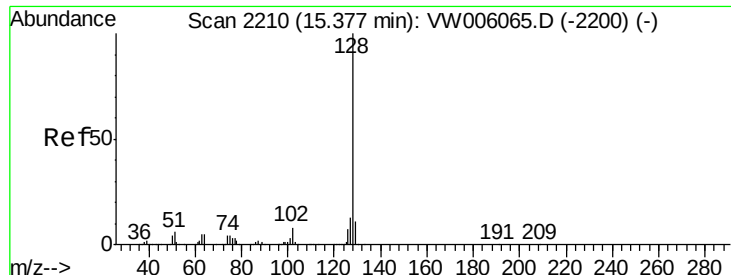
Tot Ion:105 Resp: 18456
 Ion Ratio Lower Upper
 105 100
 120 42.5 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.433 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006337.D
 Acq: 25 Oct 2018 01:28

Tgt Ion:105 Resp: 32648
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.1 69.3

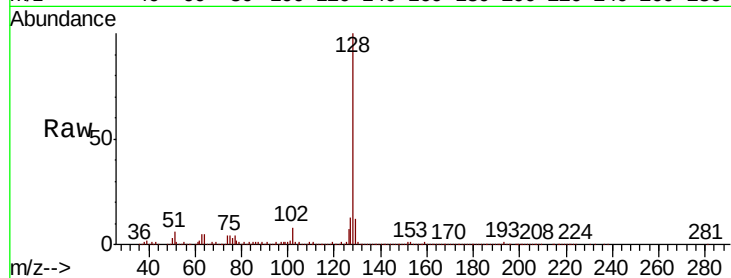




#95
Naphthalene
Concen: 107.601 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006337.D
Acq: 25 Oct 2018 01:28

Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	12.5	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

