

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008438.D
 Acq On : 28 Jan 2019 14:34
 Operator : SY/VA
 Sample : K1011-09RE
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-012519-ARE

Quant Time: Jan 29 04:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	424312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	681063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	563967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	200746	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	220892	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
35) Dibromofluoromethane	7.88	113	214261	53.80	ug/l	0.00
Spiked Amount			Recovery	=	107.60%	
50) Toluene-d8	10.32	98	789293	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.62	95	244099	39.77	ug/l	0.00
Spiked Amount			Recovery	=	79.54%	

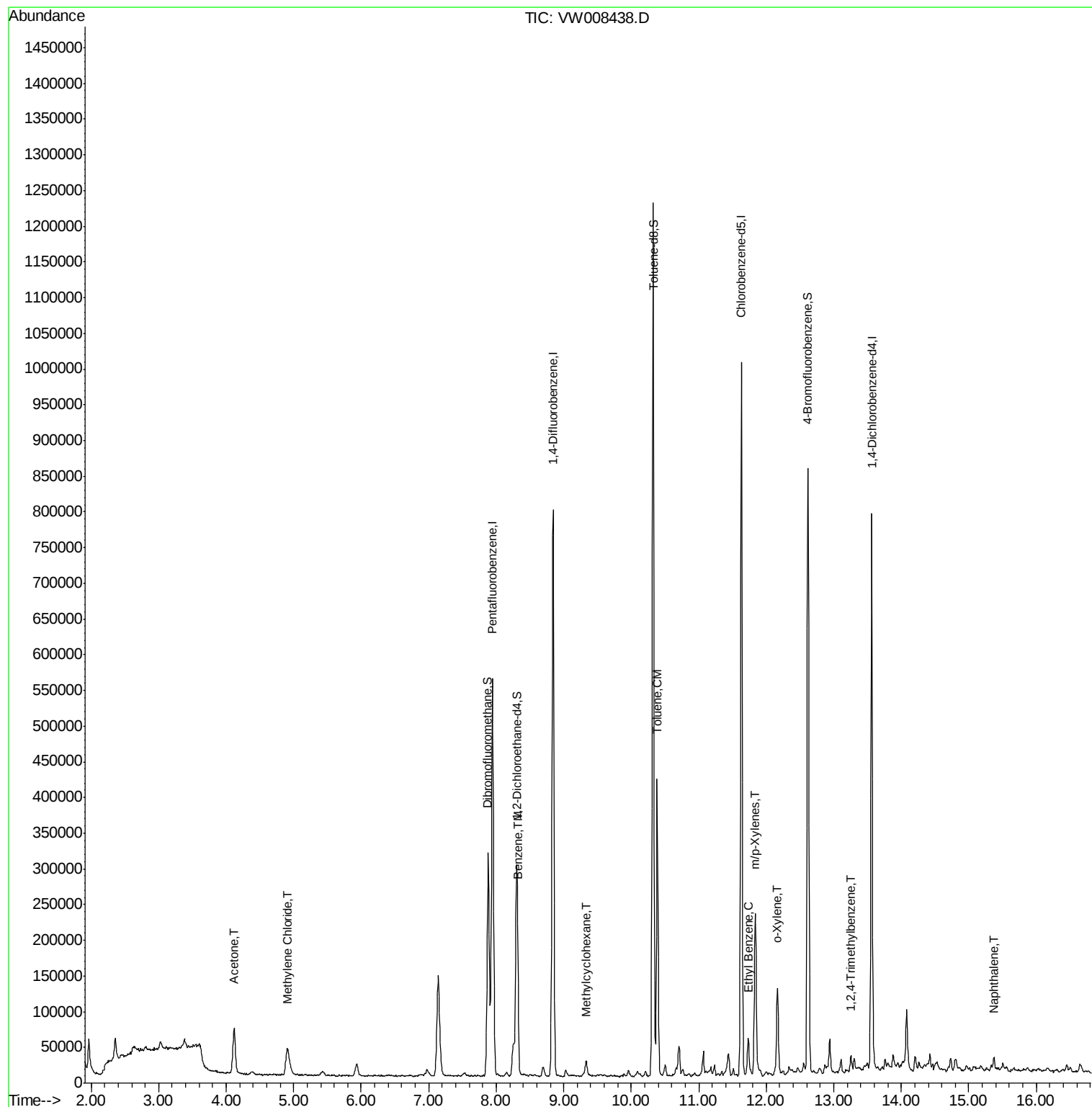
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	108548	115.959	ug/l	99
20) Methylene Chloride	4.90	84	32174	7.457	ug/l	89
39) Methylcyclohexane	9.33	83	8817	1.043	ug/l	96
40) Benzene	8.32	78	23204	1.300	ug/l	99
52) Toluene	10.38	92	176700	14.994	ug/l	98
67) Ethyl Benzene	11.73	91	32923	1.556	ug/l	90
68) m/p-Xylenes	11.84	106	67157	8.179	ug/l	97
69) o-Xylene	12.17	106	32674	4.188	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	14589	1.147	ug/l	94
95) Naphthalene	15.38	128	16169	2.209	ug/l #	93

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

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QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008438.D

Acq: 28 Jan 2019 14:34

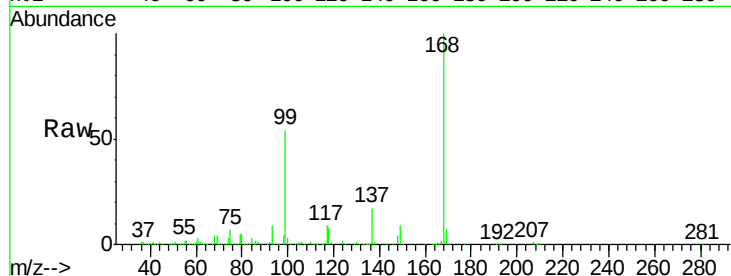
Instrument :
MSVOA_W
ClientSampleId :
OR-01-012519-ARE

Tot Ion:168 Resp: 424312

Ion Ratio Lower Upper

168 100

99 54.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

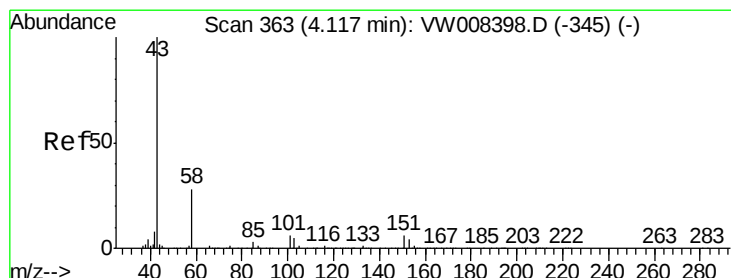
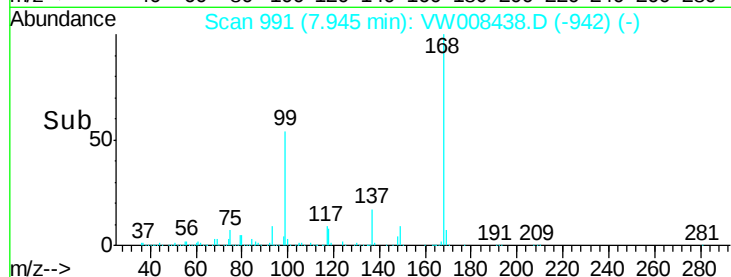
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 115.959 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008438.D

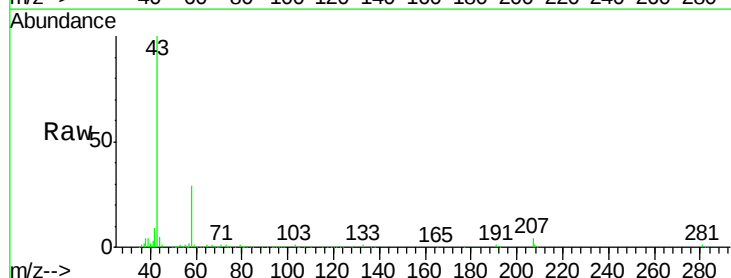
Acq: 28 Jan 2019 14:34

Tgt Ion: 43 Resp: 108548

Ion Ratio Lower Upper

43 100

58 28.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

40000

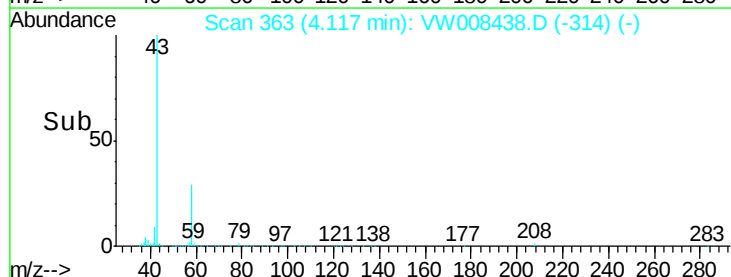
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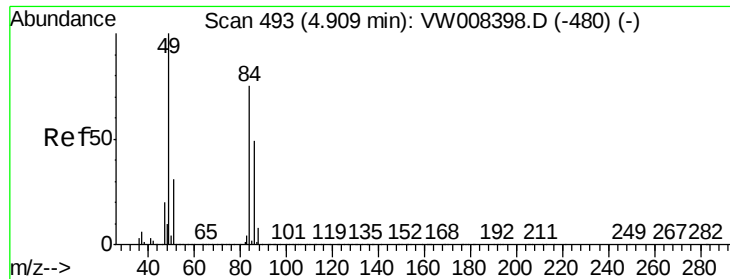
20000

10000

0

Time--> 4.00 4.10 4.20

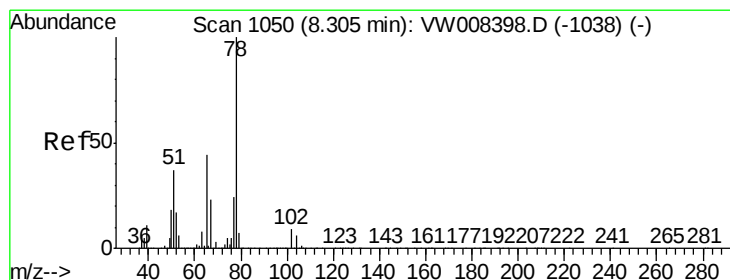
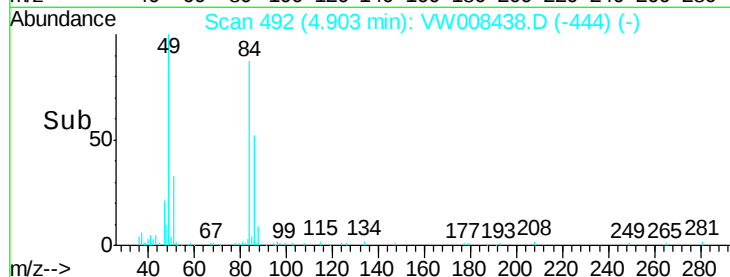
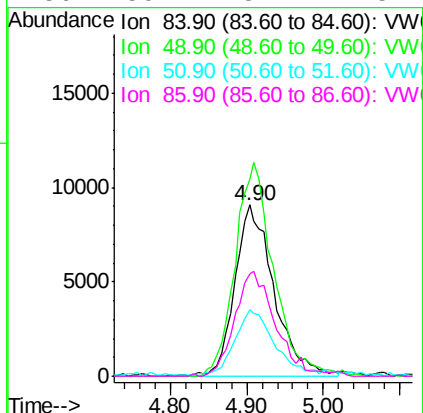
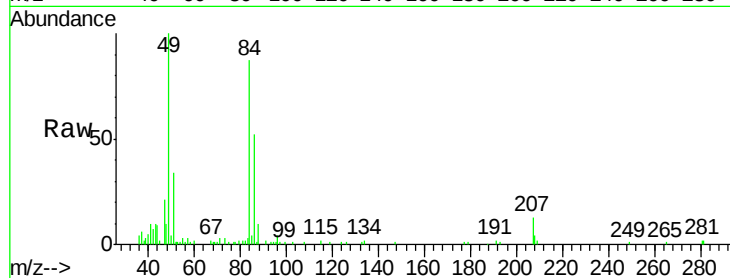




#20
Methylene Chloride
Concen: 7.457 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

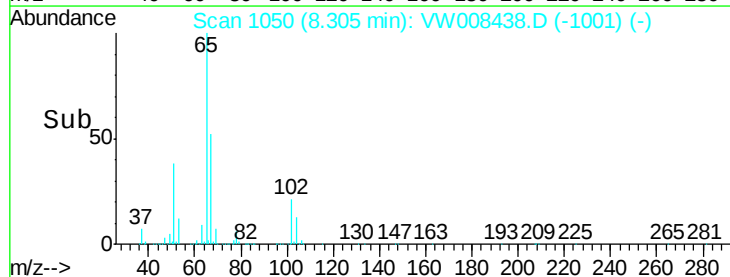
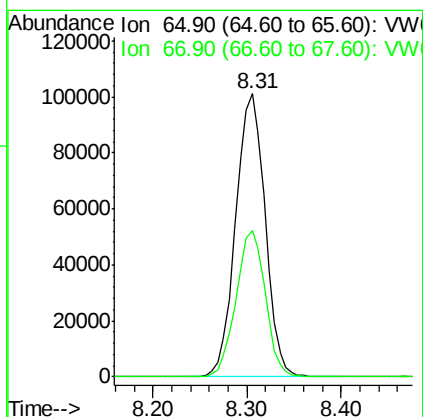
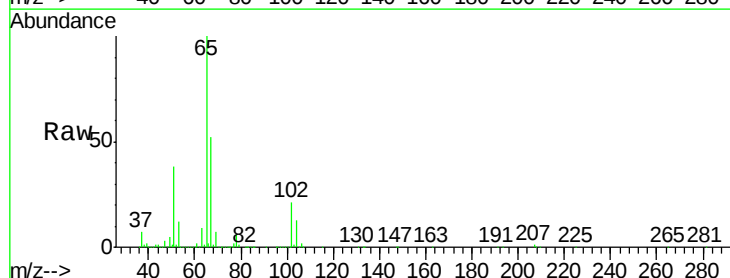
Instrument :
MSVOA_W
ClientSampleId :
OR-01-012519-ARE

Tot Ion:	84	Resp:	32174
Ion	Ratio	Lower	Upper
84	100		
49	115.1	106.8	160.2
51	38.0	32.9	49.3
86	59.7	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 52.991 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

Tgt Ion:	65	Resp:	220892
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0

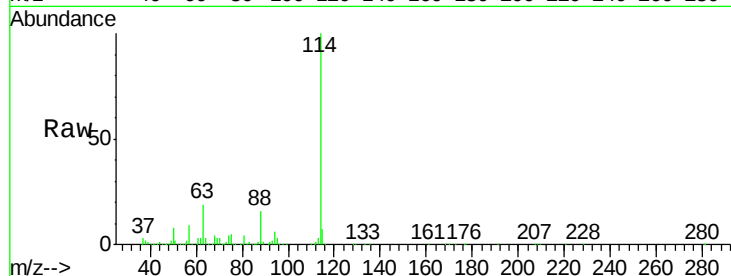




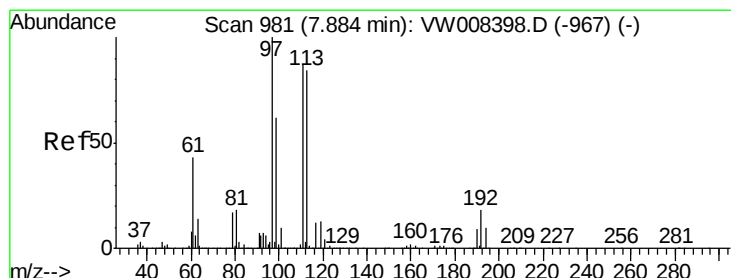
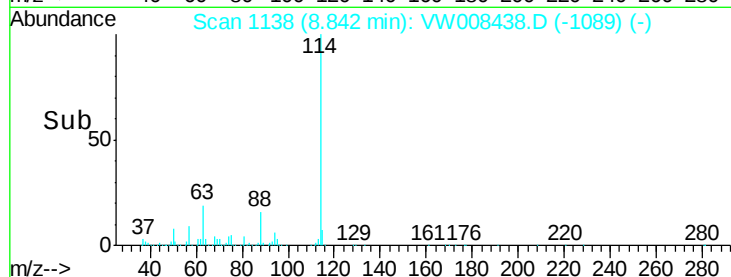
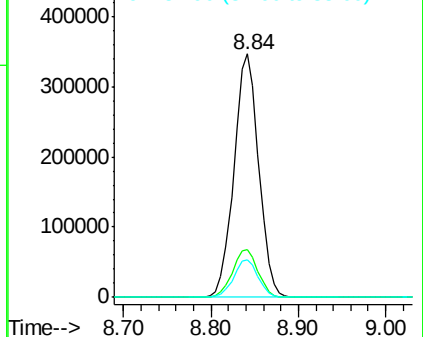
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008438.D
 Acq: 28 Jan 2019 14:34

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-012519-ARE

Tot Ion:114 Resp: 681063
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 15.6 0.0 31.8

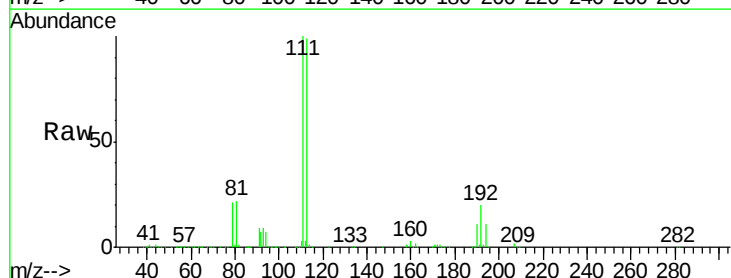


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

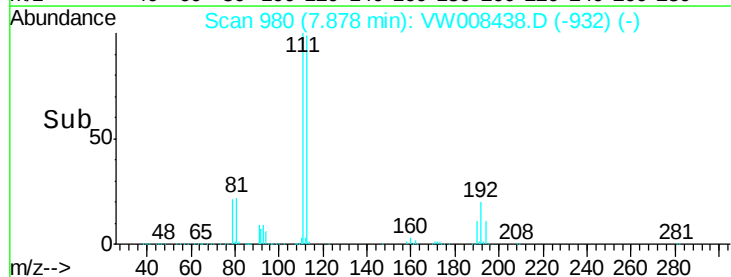
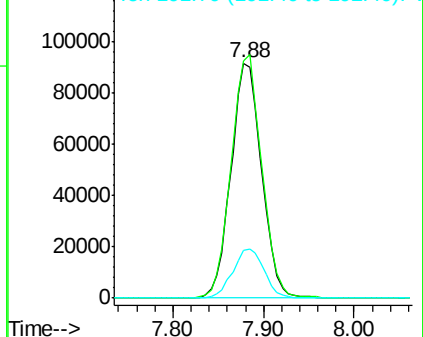


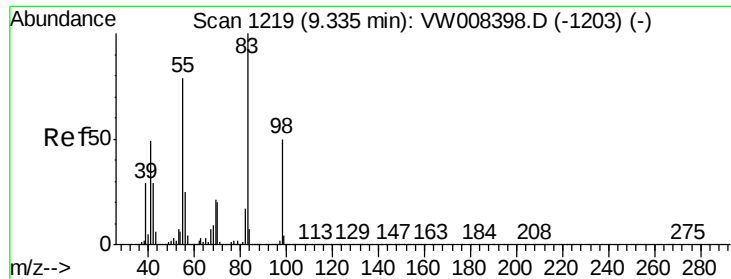
#35
 Dibromofluoromethane
 Concen: 53.802 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008438.D
 Acq: 28 Jan 2019 14:34

Tgt Ion:113 Resp: 214261
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.4
 192 21.3 16.8 25.2



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

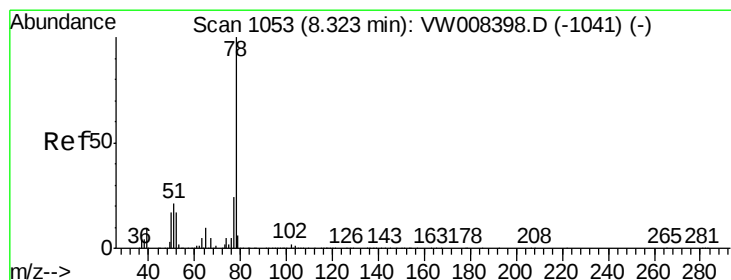
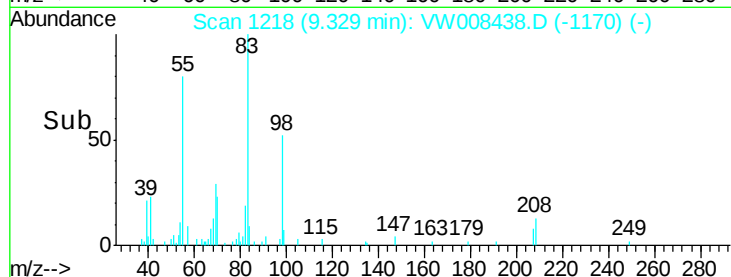
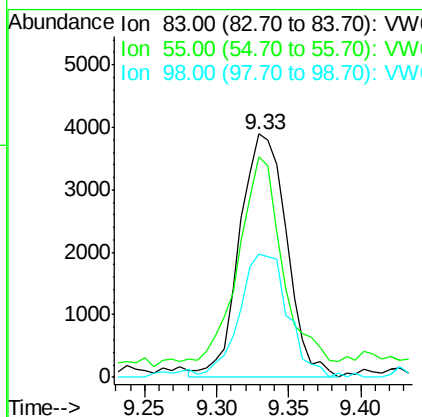
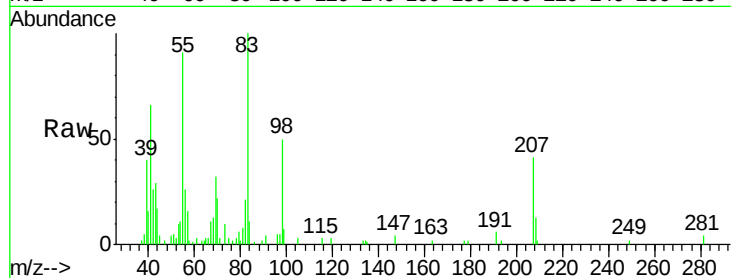




#39
Methvlcvclohexane
Concen: 1.043 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

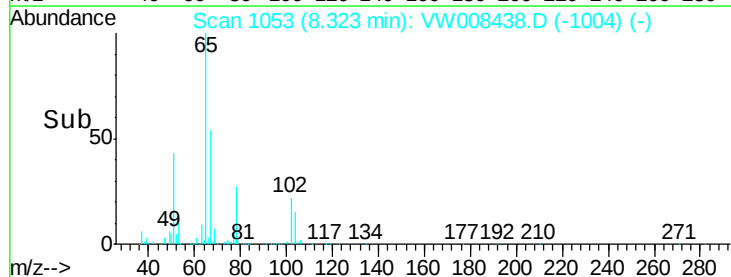
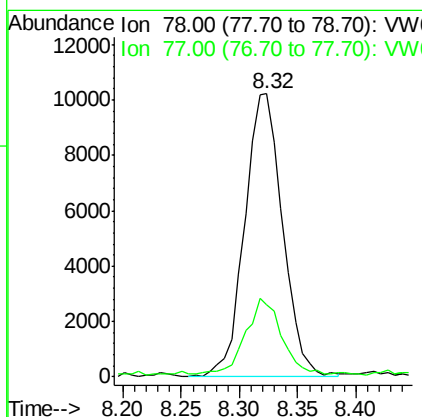
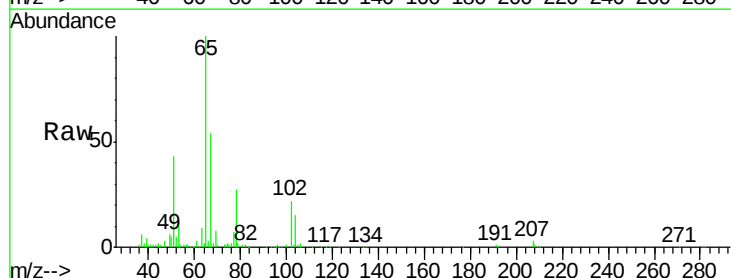
Instrument :
MSVOA_W
ClientSampleId :
OR-01-012519-ARE

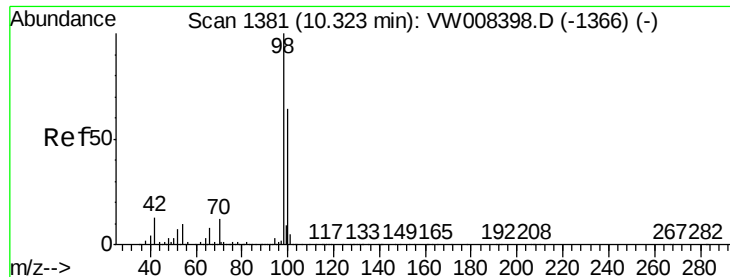
Tot Ion: 83 Resp: 8817
Ion Ratio Lower Upper
83 100
55 84.4 63.3 94.9
98 48.5 39.7 59.5



#40
Benzene
Concen: 1.300 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

Tgt Ion: 78 Resp: 23204
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#50

Toluene-d8

Concen: 49.425 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008438.D

Acq: 28 Jan 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

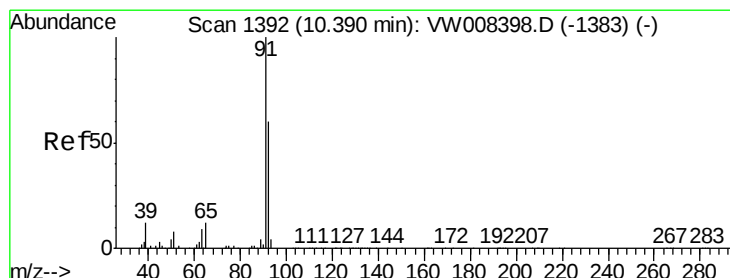
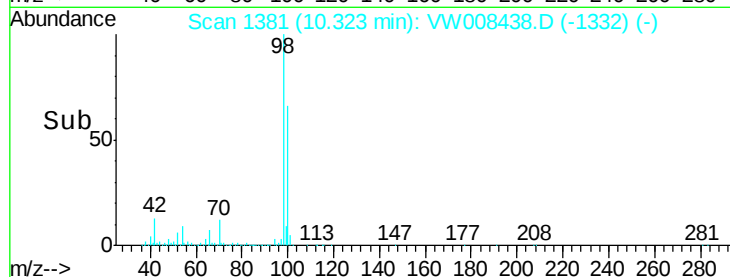
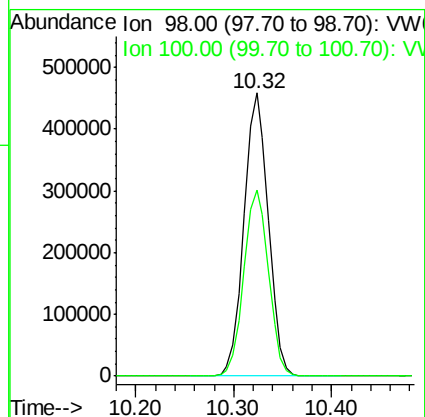
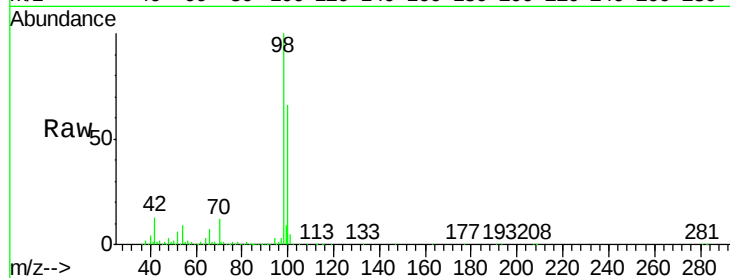
OR-01-012519-ARE

Tot Ion: 98 Resp: 789293

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8



#52

Toluene

Concen: 14.994 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008438.D

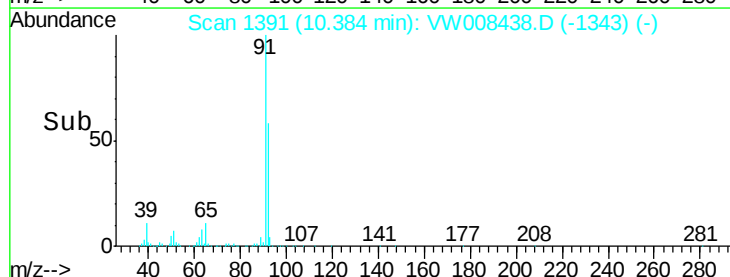
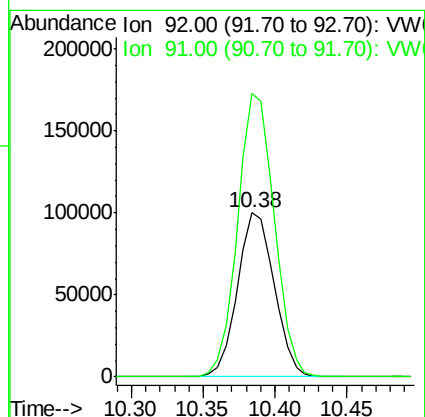
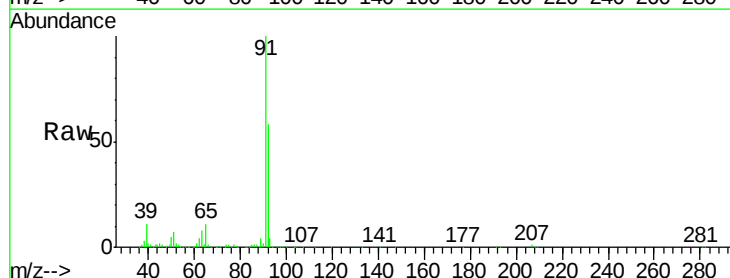
Acq: 28 Jan 2019 14:34

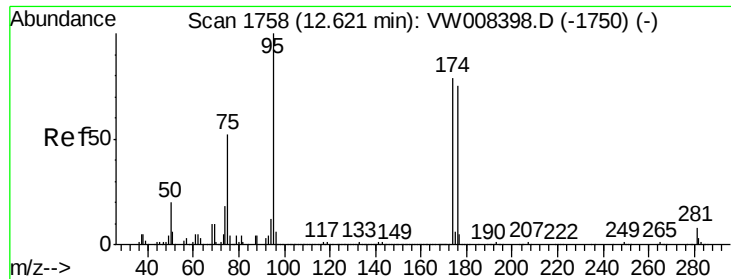
Tgt Ion: 92 Resp: 176700

Ion Ratio Lower Upper

92 100

91 172.5 135.5 203.3

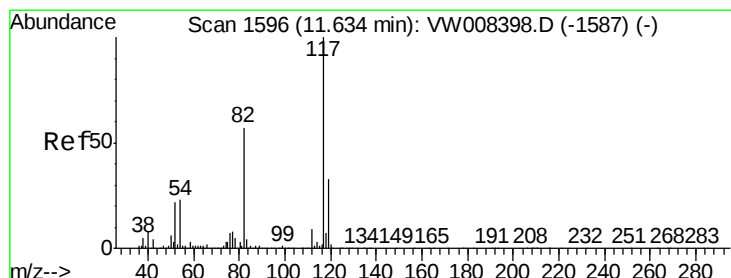
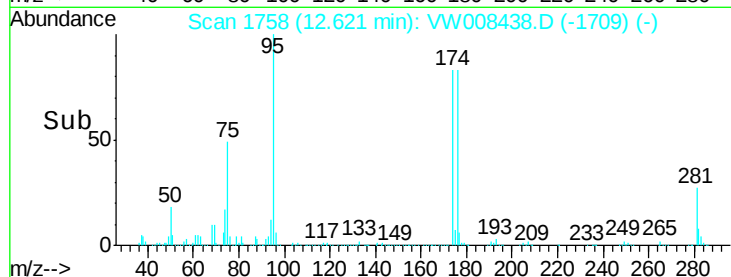
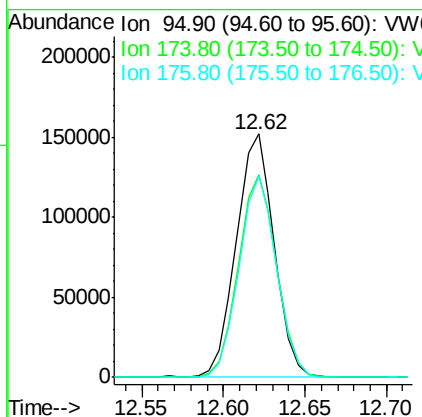
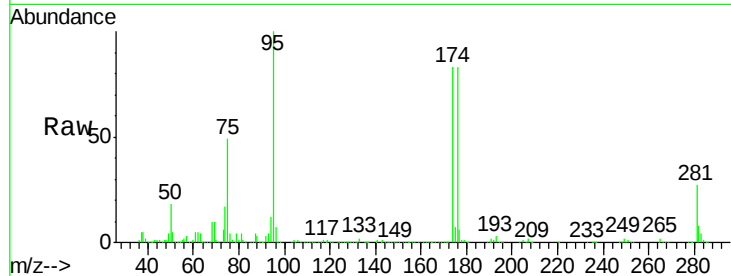




#62
4-Bromofluorobenzene
Concen: 39.766 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

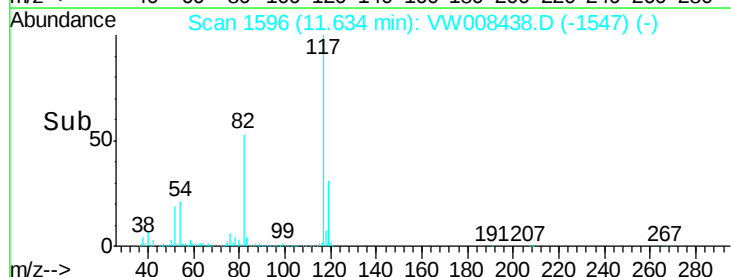
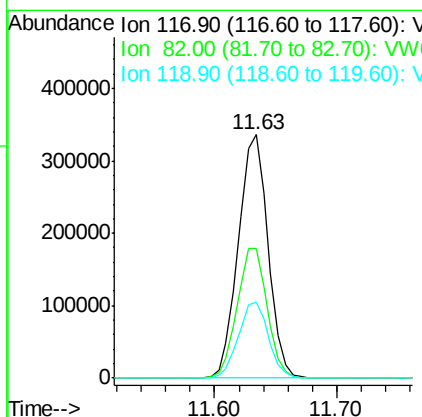
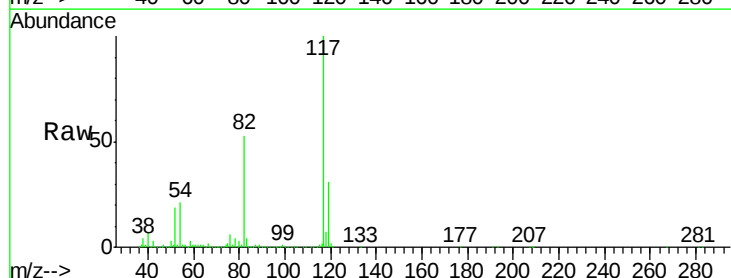
Instrument :
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OR-01-012519-ARE

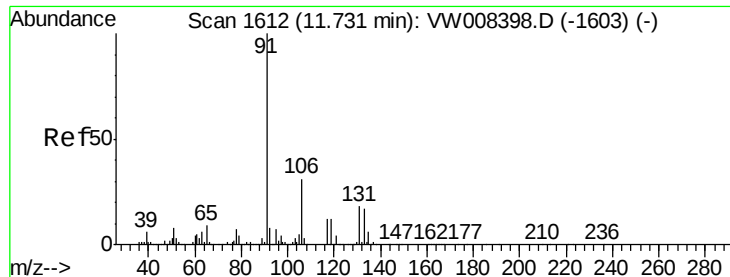
Tot Ion	95	Resp	244099
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	157.6
176	82.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

Tgt Ion	117	Resp	563967
Ion Ratio	Lower	Upper	
117	100		
82	53.2	45.4	68.0
119	31.3	26.2	39.4





#67

Ethyl Benzene

Concen: 1.556 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008438.D

Acq: 28 Jan 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

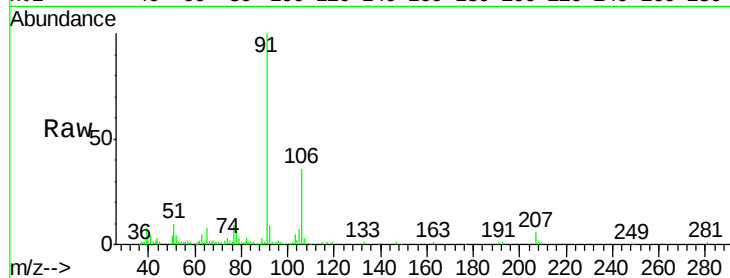
OR-01-012519-ARE

Tot Ion: 91 Resp: 32923

Ion Ratio Lower Upper

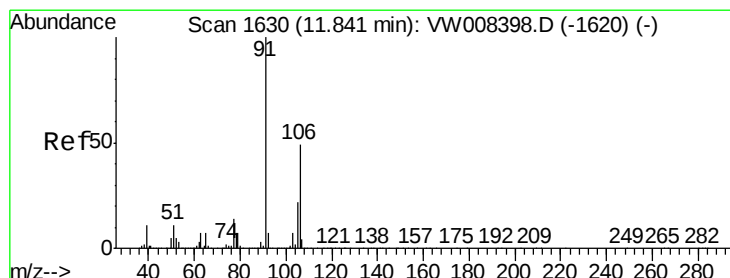
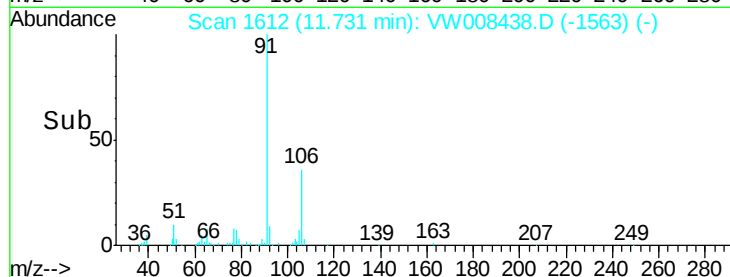
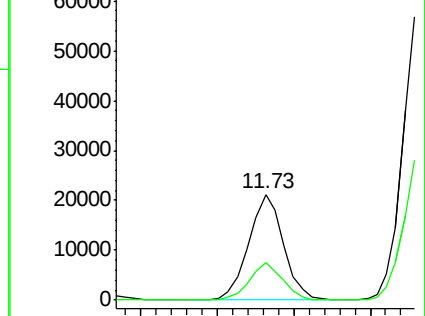
91 100

106 36.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 8.179 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW008438.D

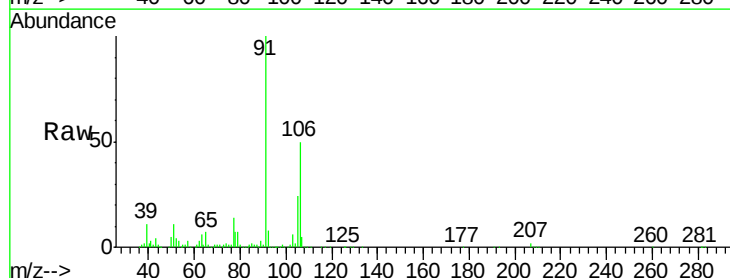
Acq: 28 Jan 2019 14:34

Tgt Ion: 106 Resp: 67157

Ion Ratio Lower Upper

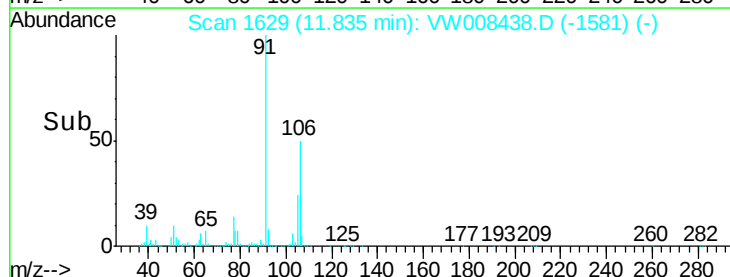
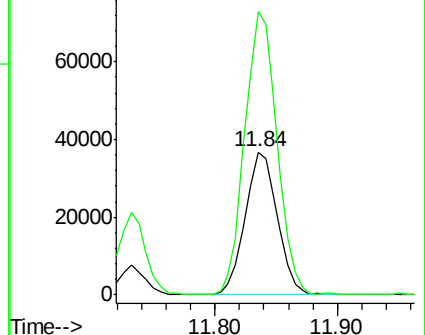
106 100

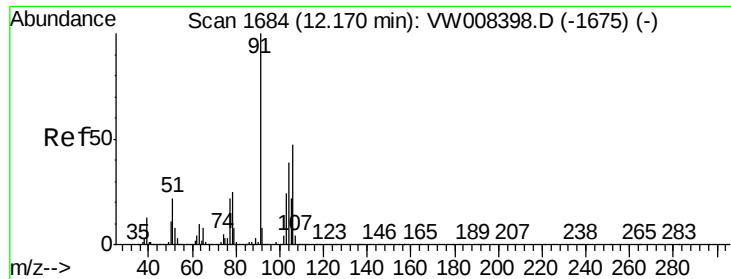
91 198.8 162.9 244.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

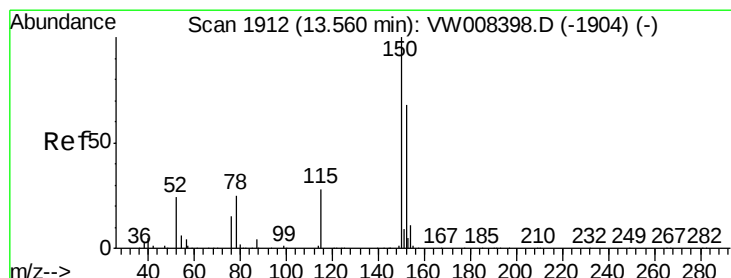
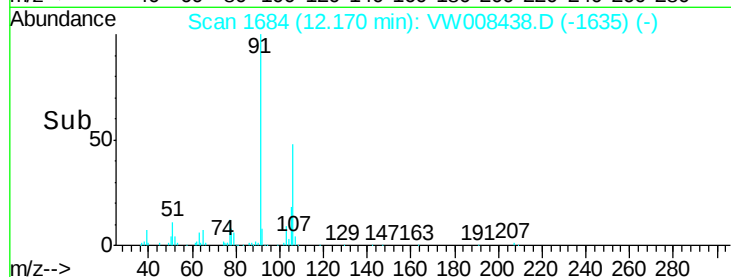
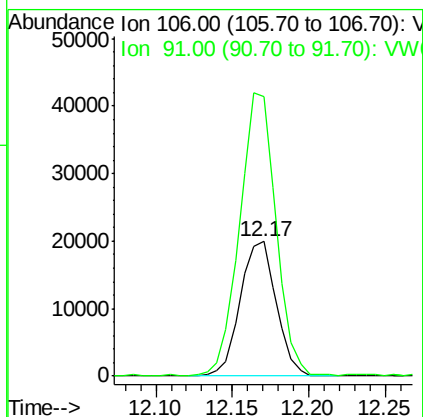
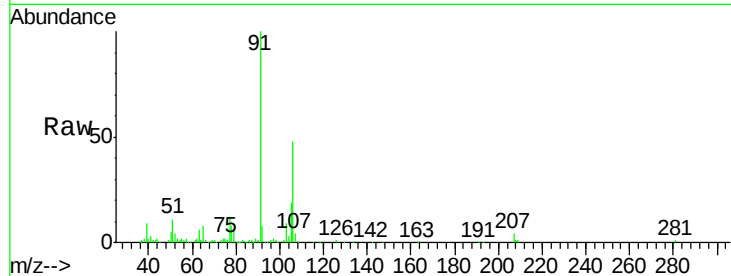




#69
o-Xylene
Concen: 4.188 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

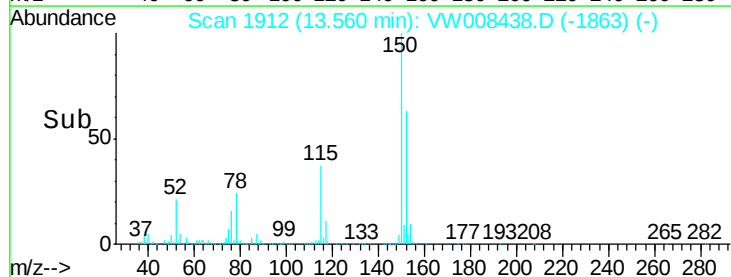
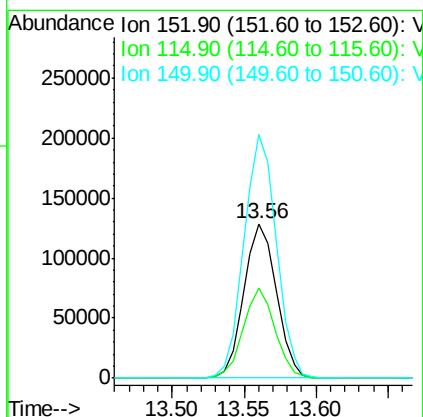
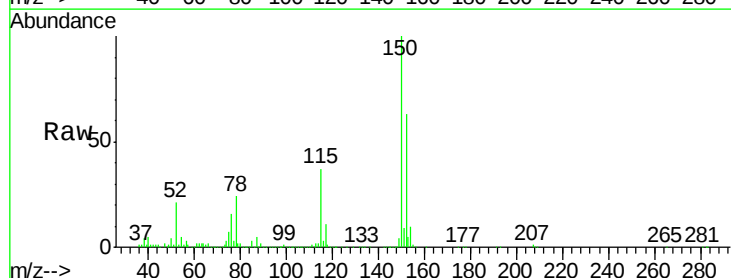
Instrument :
MSVOA_W
ClientSampleId :
OR-01-012519-ARE

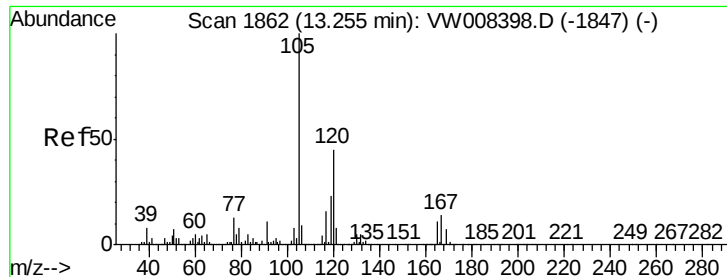
Tot Ion:106 Resp: 32674
Ion Ratio Lower Upper
106 100
91 211.2 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008438.D
Acq: 28 Jan 2019 14:34

Tgt Ion:152 Resp: 200746
Ion Ratio Lower Upper
152 100
115 56.8 29.9 89.7
150 157.3 0.0 351.4

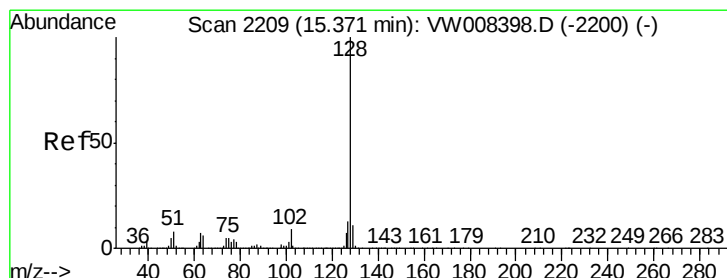
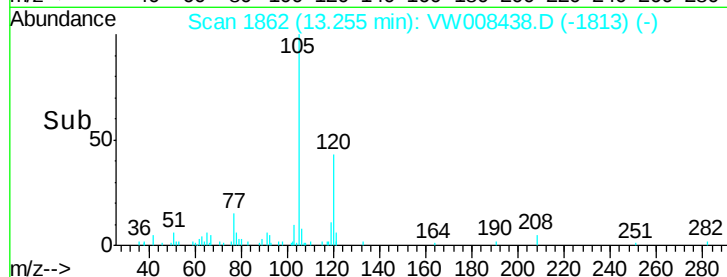
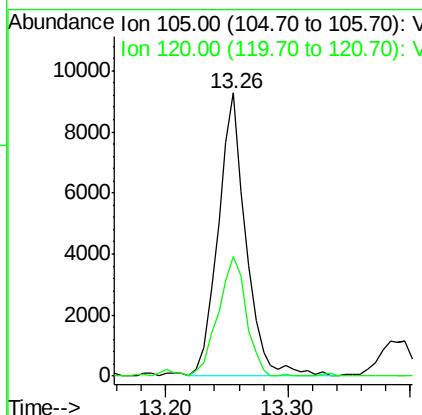
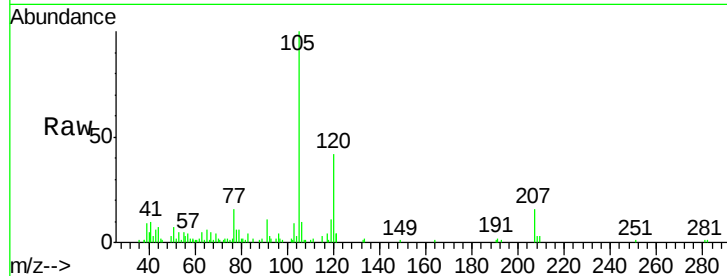




#84
 1,2,4-Trimethylbenzene
 Concen: 1.147 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008438.D
 Acq: 28 Jan 2019 14:34

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-012519-ARE

Tot Ion:105 Resp: 14589
 Ion Ratio Lower Upper
 105 100
 120 42.3 23.1 69.2



#95
 Naphthalene
 Concen: 2.209 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW008438.D
 Acq: 28 Jan 2019 14:34

Tgt Ion:128 Resp: 16169
 Ion Ratio Lower Upper
 128 100
 127 15.8 10.6 15.8
 129 13.9 8.7 13.1#

