

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021419\
 Data File : VW008667.D
 Acq On : 14 Feb 2019 15:40
 Operator : SY/VA
 Sample : K1349-07
 Misc : 6.95G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-021319-B

Quant Time: Feb 15 03:50:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	385878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	589321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	471610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182146	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	205830	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	7.88	113	182714	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
50) Toluene-d8	10.32	98	678387	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	12.62	95	206701	38.90	ug/l	0.00
Spiked Amount			Recovery	=	77.80%	

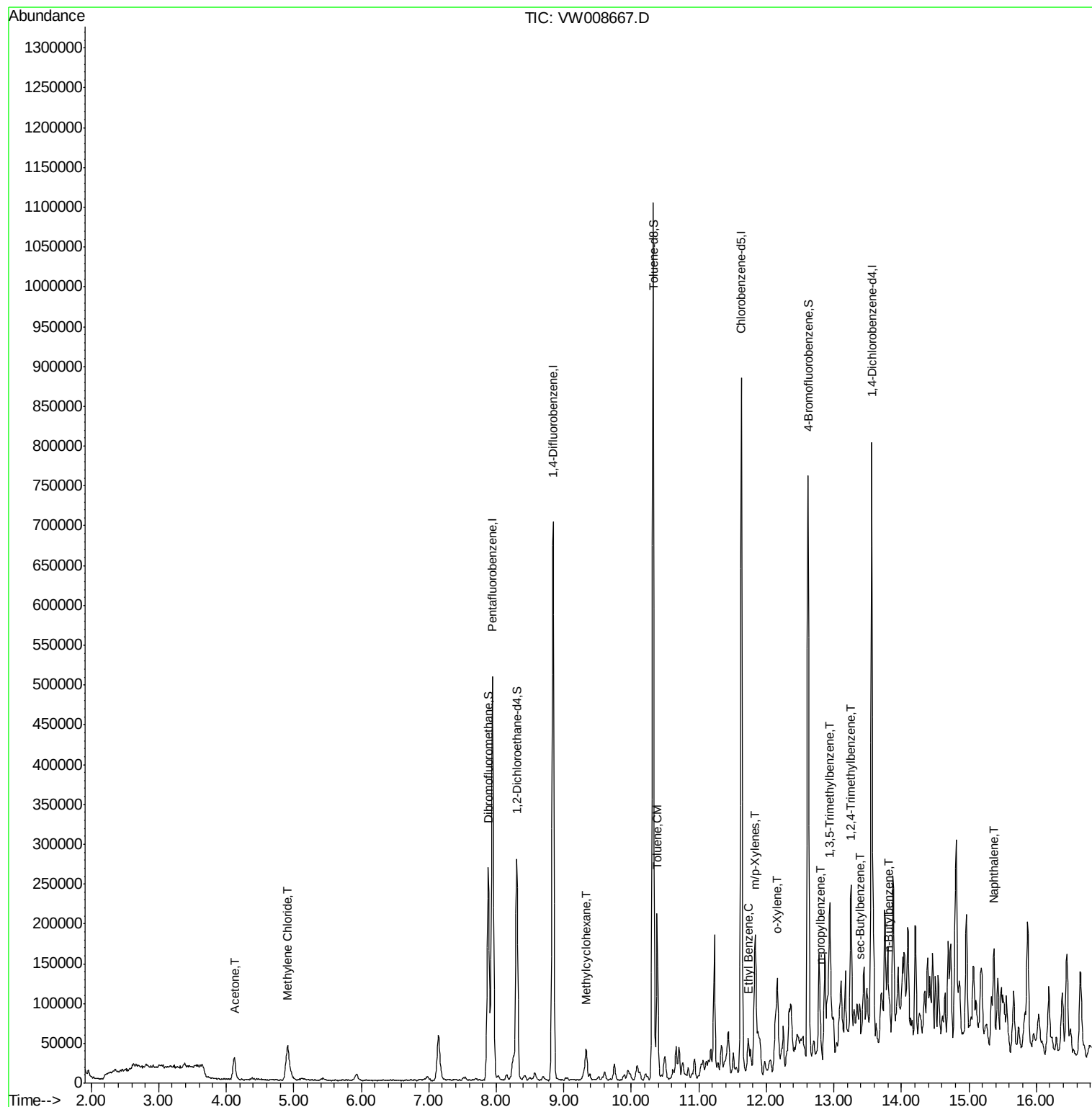
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	48871	53.534	ug/l	97
20) Methylene Chloride	4.91	84	36431	2.131	ug/l	94
39) Methylcyclohexane	9.33	83	15005	2.004	ug/l	100
52) Toluene	10.38	92	83828	8.036	ug/l	97
67) Ethyl Benzene	11.73	91	25849	1.428	ug/l	98
68) m/p-Xylenes	11.83	106	41553	5.898	ug/l	96
69) o-Xylene	12.16	106	24086	3.617	ug/l	99
78) n-propylbenzene	12.80	91	23231	1.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	36664	3.253	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	106485	9.193	ug/l	98
85) sec-Butylbenzene	13.39	105	14998	1.053	ug/l	81
89) n-Butylbenzene	13.82	91	20327	1.678	ug/l #	78
95) Naphthalene	15.37	128	97001	13.575	ug/l	99

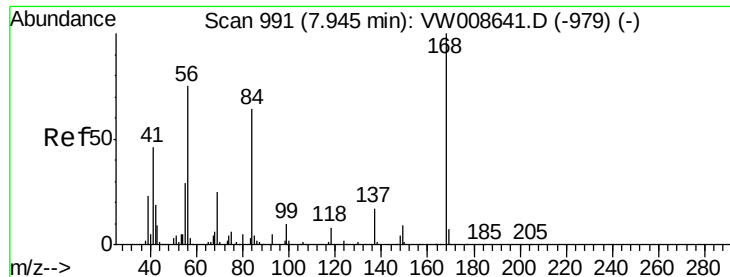
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021419\
Data File : VW008667.D
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Operator : SY/VA
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Quant Time: Feb 15 03:50:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 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: VW008667.D

Acq: 14 Feb 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

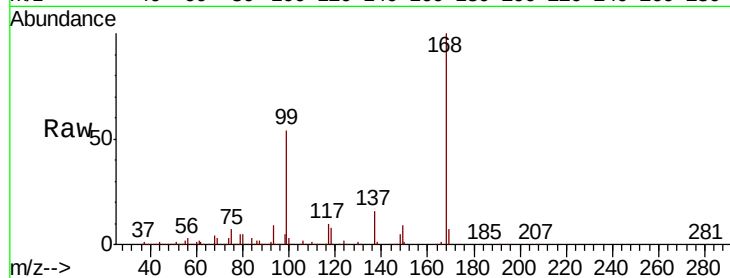
OR-01-021319-B

Tot Ion:168 Resp: 385878

Ion Ratio Lower Upper

168 100

99 53.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

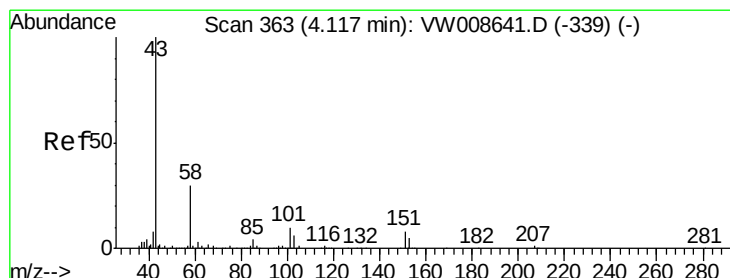
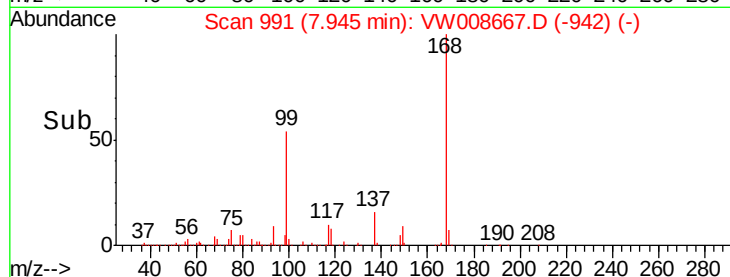
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 53.534 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008667.D

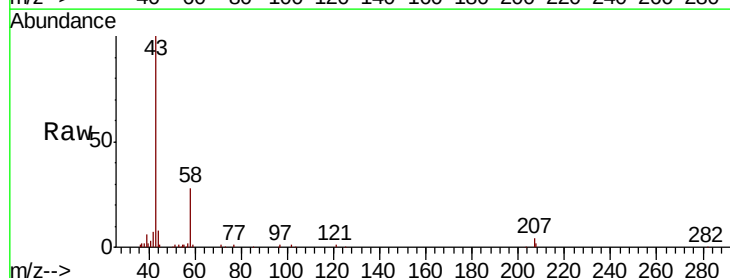
Acq: 14 Feb 2019 15:40

Tgt Ion: 43 Resp: 48871

Ion Ratio Lower Upper

43 100

58 28.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

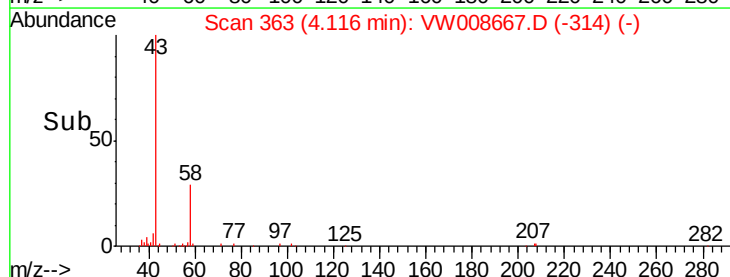
15000

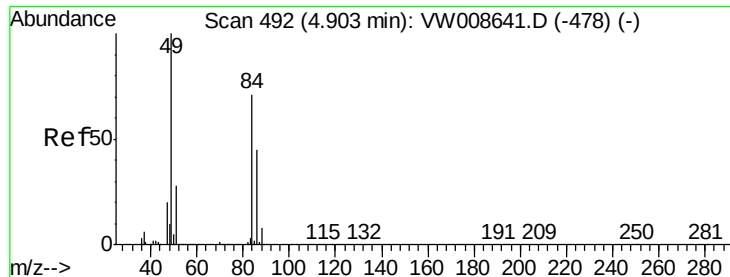
10000

5000

0

Time-->

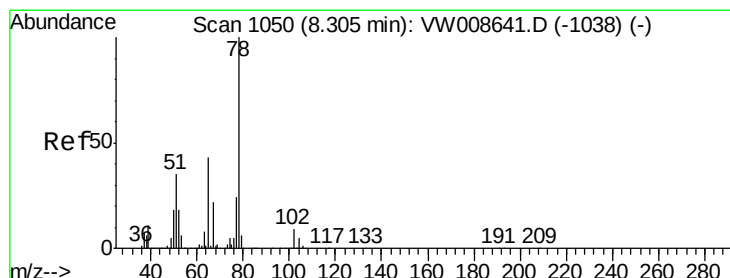
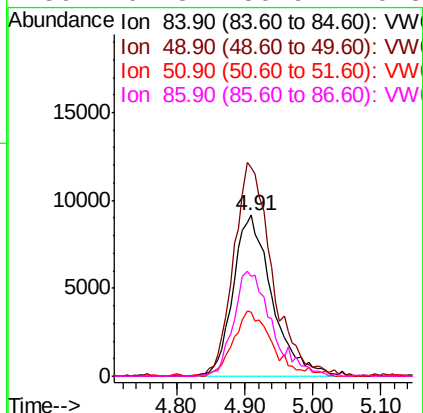
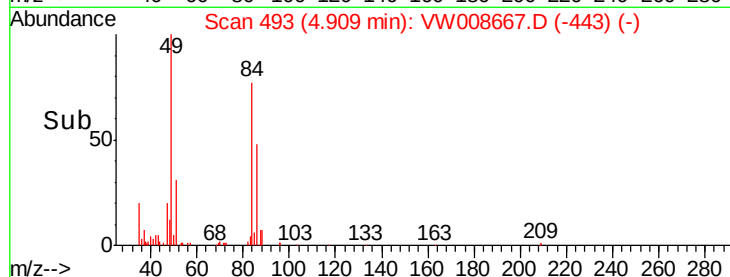
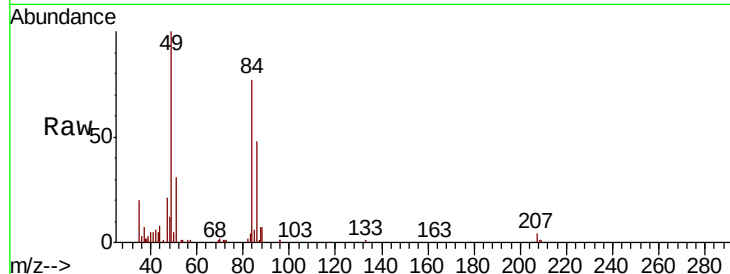




#20
Methylene Chloride
Concen: 2.131 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

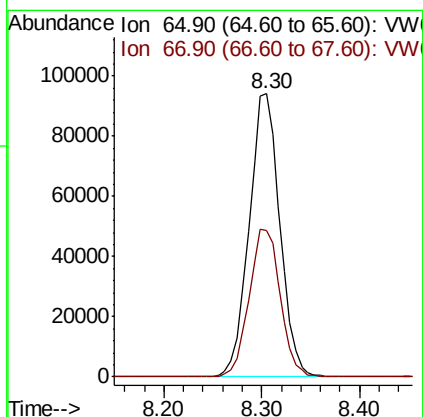
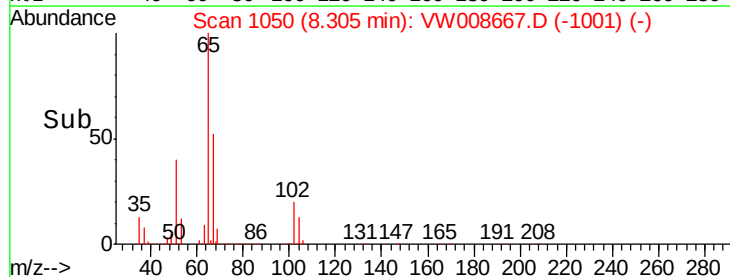
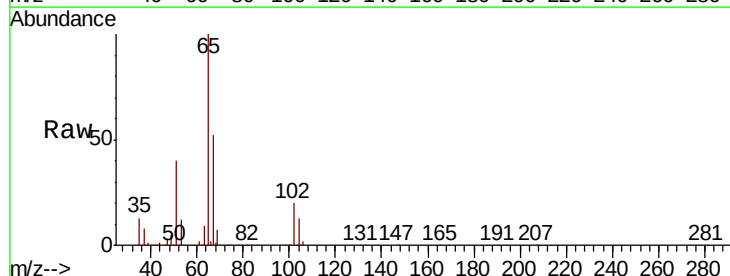
Instrument :
MSVOA_W
ClientSampled :
OR-01-021319-B

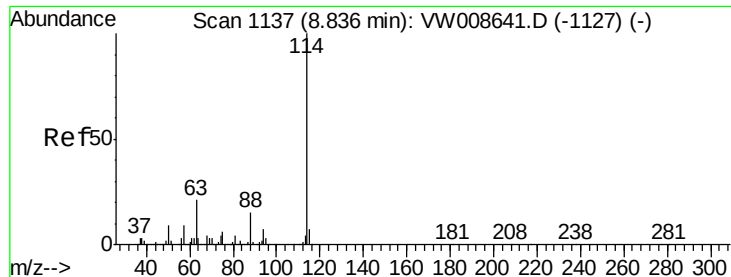
Tot Ion: 84 Resp: 36431
Ion Ratio Lower Upper
84 100
49 129.7 113.3 169.9
51 39.6 32.1 48.1
86 62.3 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 51.307 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

Tgt Ion: 65 Resp: 205830
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008667.D

Acq: 14 Feb 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

OR-01-021319-B

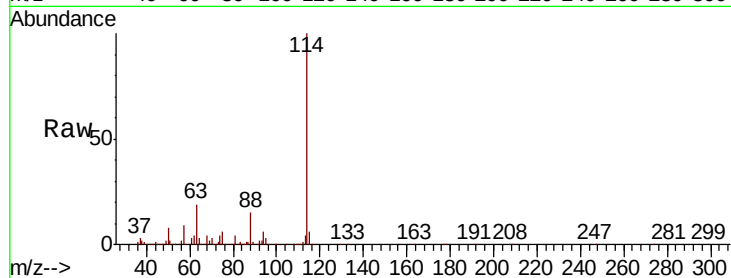
Tot Ion:114 Resp: 589321

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.2

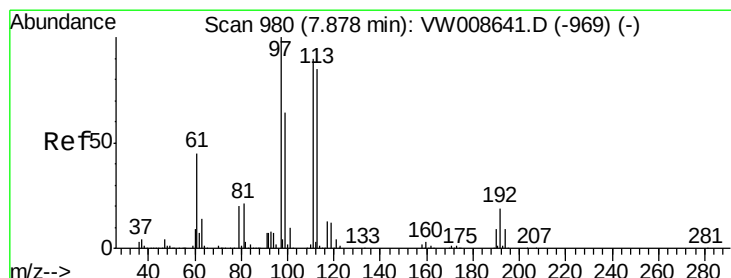
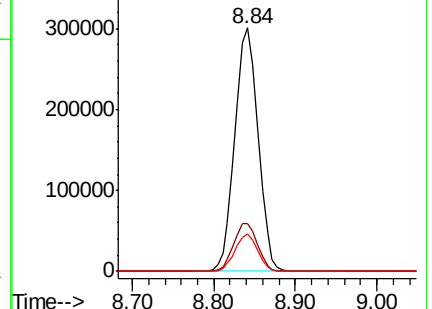
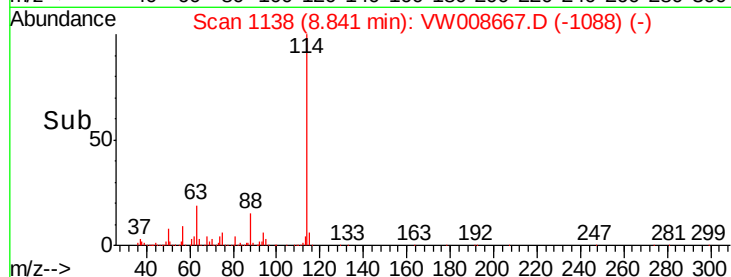
88 15.3 0.0 29.6



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: 49.931 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW008667.D

Acq: 14 Feb 2019 15:40

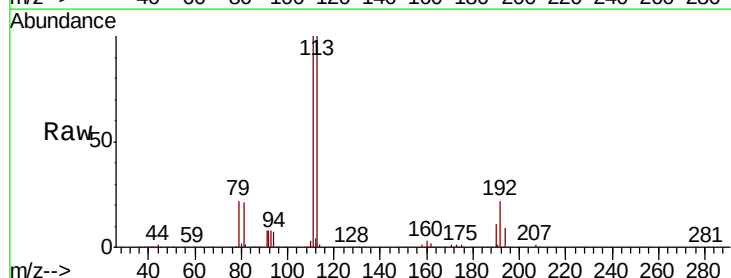
Tgt Ion:113 Resp: 182714

Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

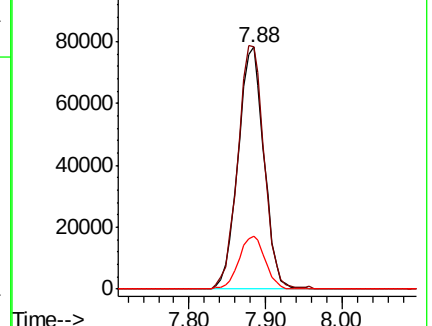
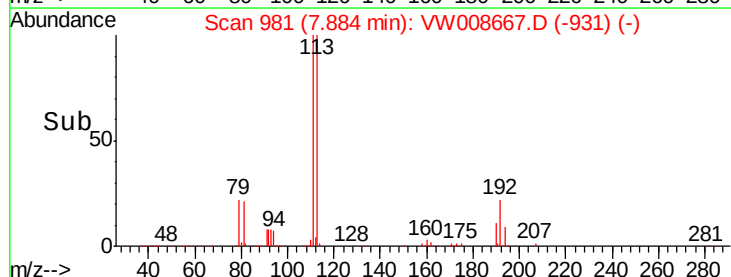
192 22.2 17.4 26.2

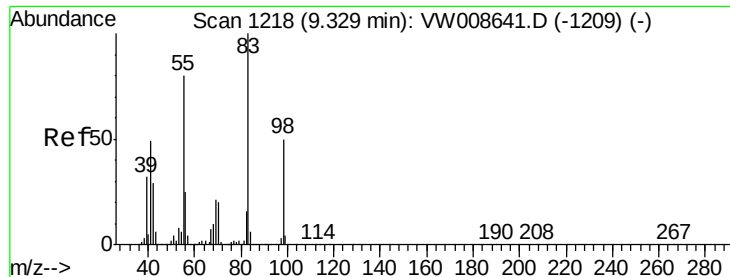


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

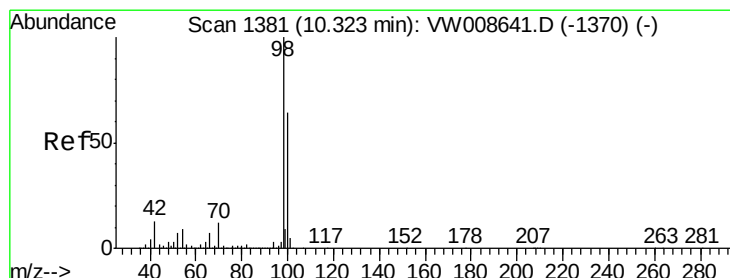
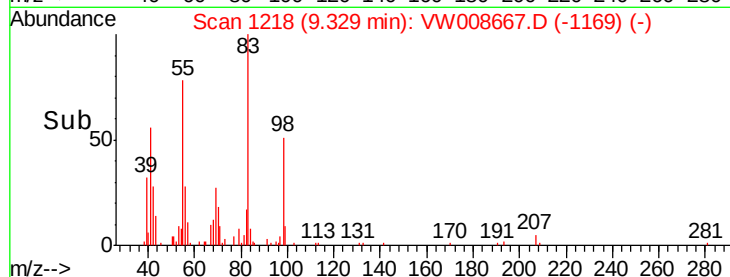
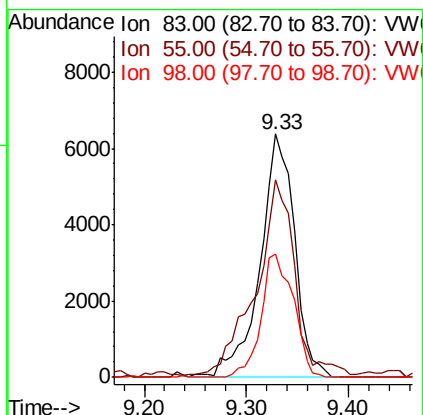
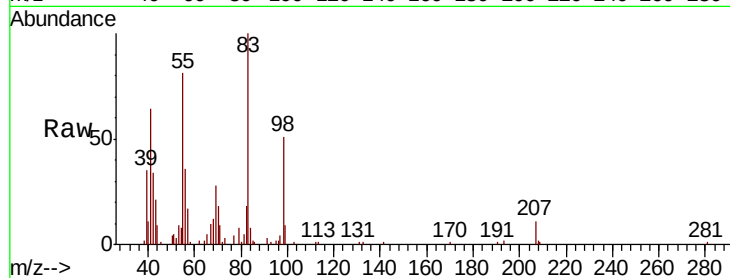




#39
Methylcyclohexane
Concen: 2.004 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

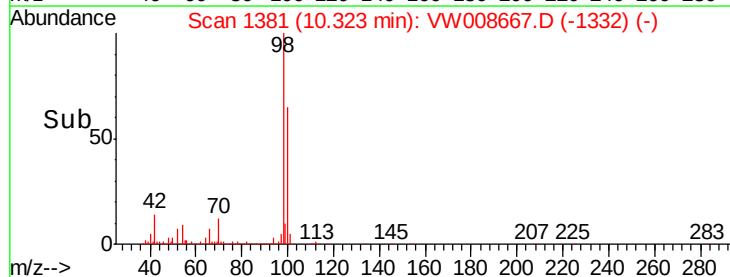
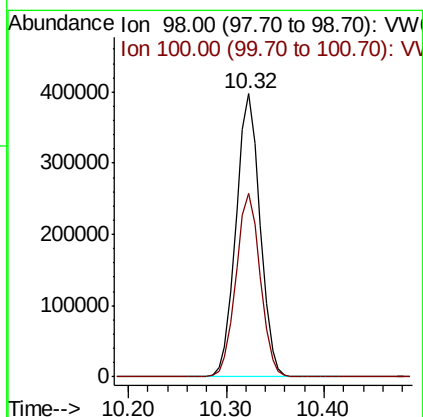
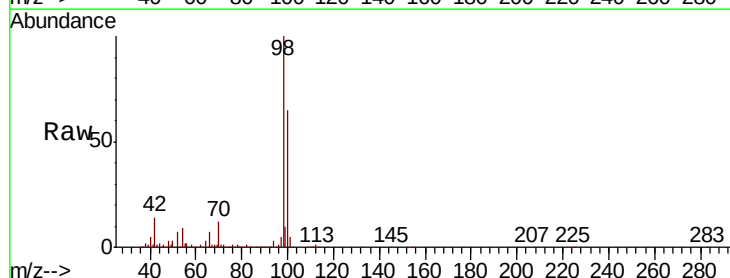
Instrument :
MSVOA_W
ClientSampleId :
OR-01-021319-B

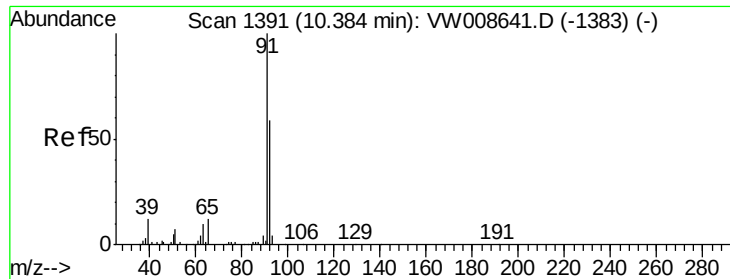
Tot Ion: 83 Resp: 15005
Ion Ratio Lower Upper
83 100
55 80.0 63.9 95.9
98 50.7 40.2 60.2



#50
Toluene-d8
Concen: 48.091 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

Tgt Ion: 98 Resp: 678387
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





#52

Toluene

Concen: 8.036 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW008667.D

Acq: 14 Feb 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

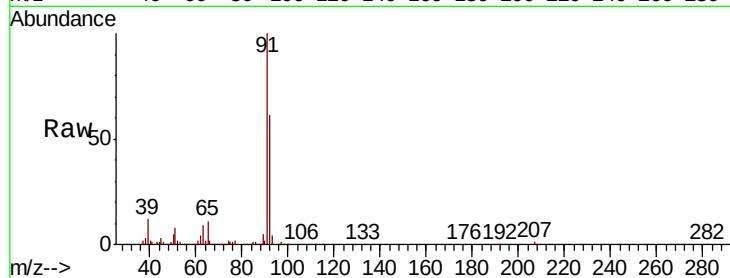
OR-01-021319-B

Tot Ion: 92 Resp: 83828

Ion Ratio Lower Upper

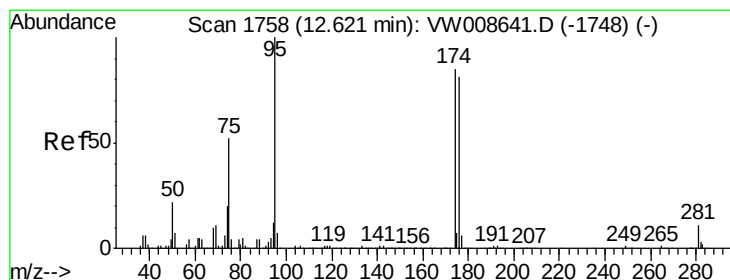
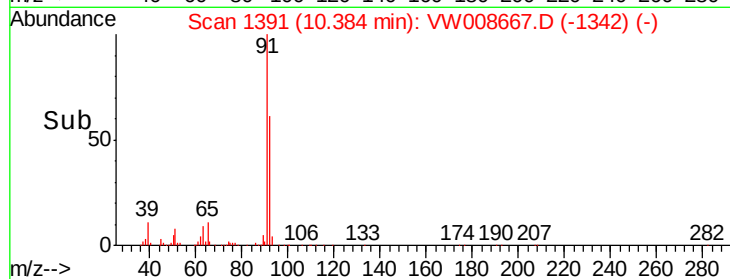
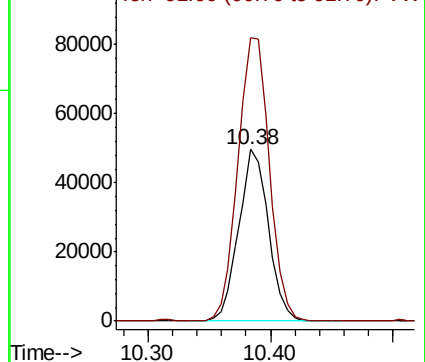
92 100

91 174.1 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 38.902 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008667.D

Acq: 14 Feb 2019 15:40

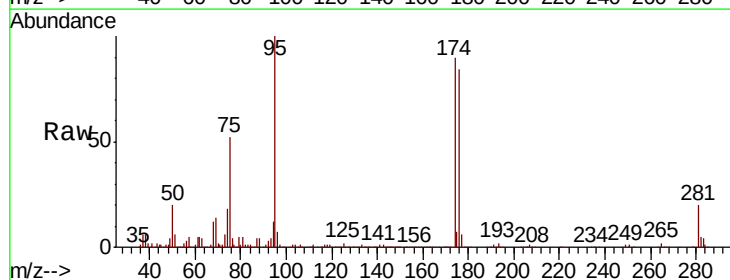
Tgt Ion: 95 Resp: 206701

Ion Ratio Lower Upper

95 100

174 86.4 0.0 163.2

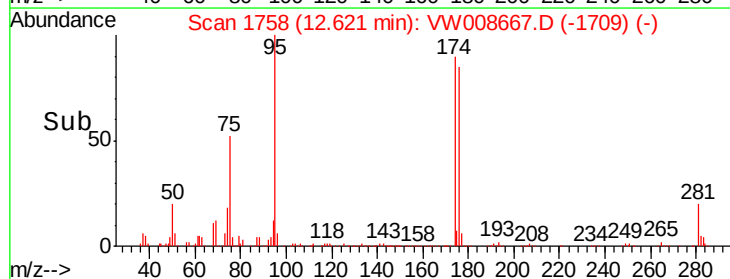
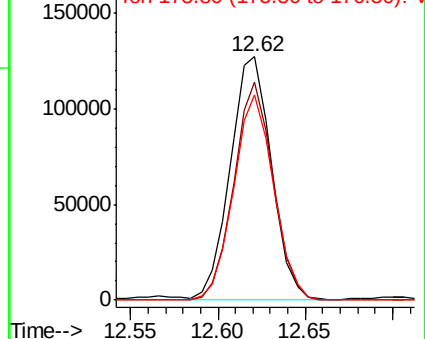
176 82.9 0.0 158.0

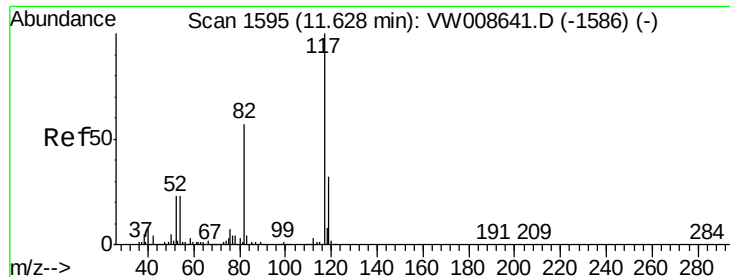


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

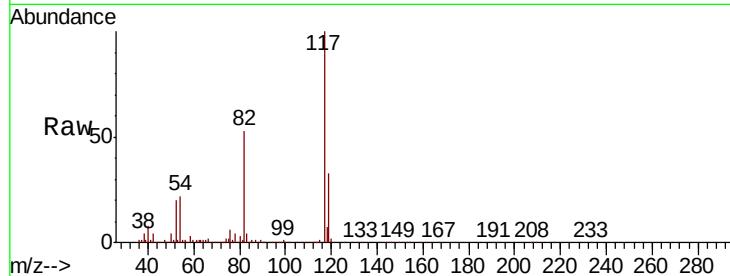




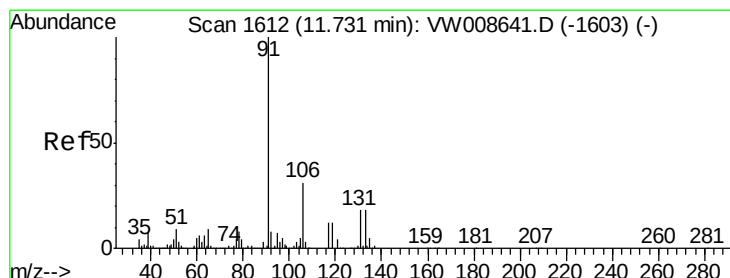
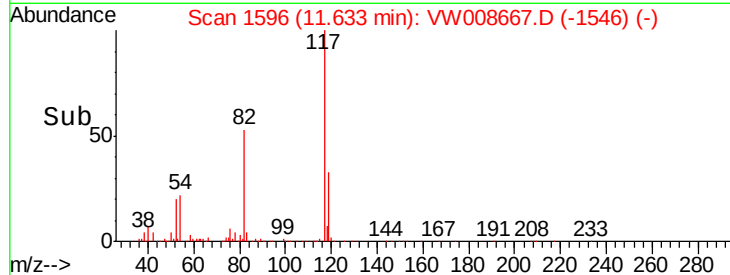
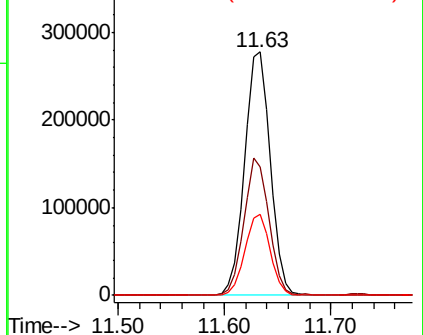
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

Instrument :
MSVOA_W
ClientSampleId :
OR-01-021319-B

Tot Ion:117 Resp: 471610
Ion Ratio Lower Upper
117 100
82 52.5 45.6 68.4
119 33.4 25.7 38.5

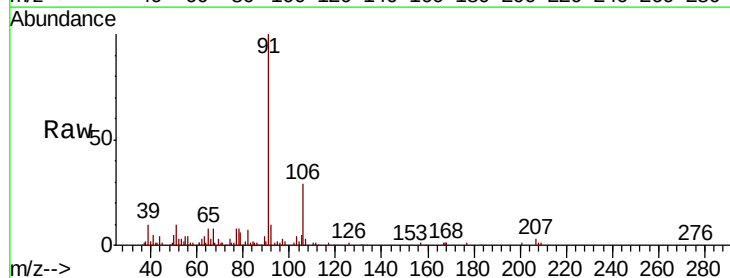


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

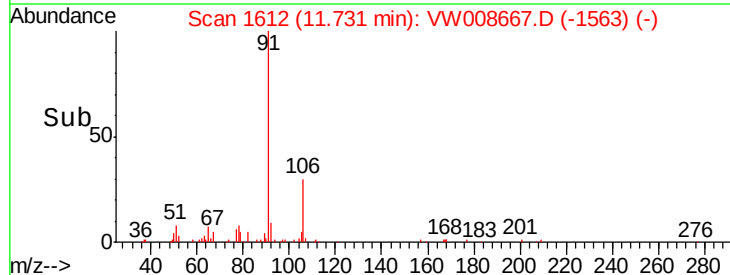
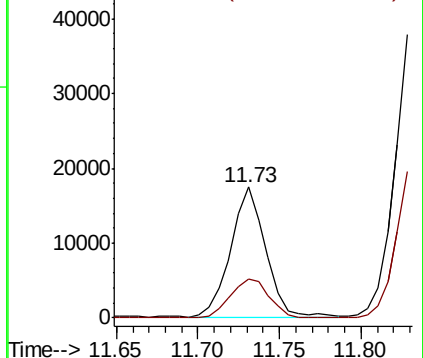


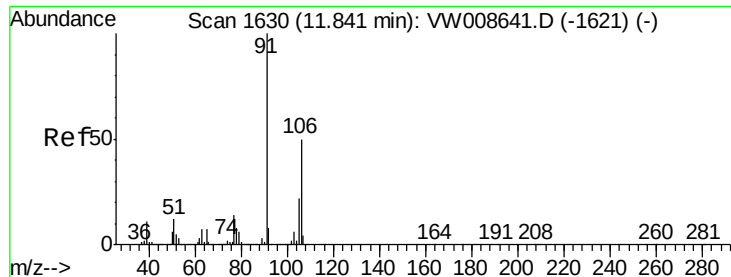
#67
Ethyl Benzene
Concen: 1.428 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

Tgt Ion: 91 Resp: 25849
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7



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

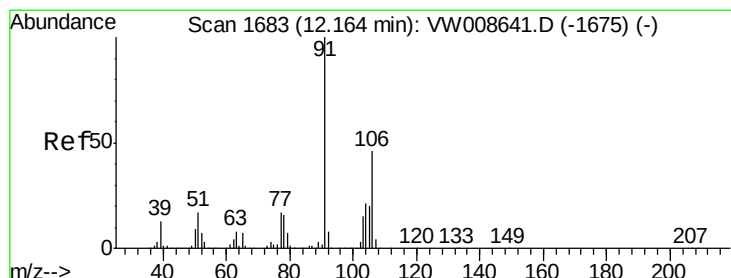
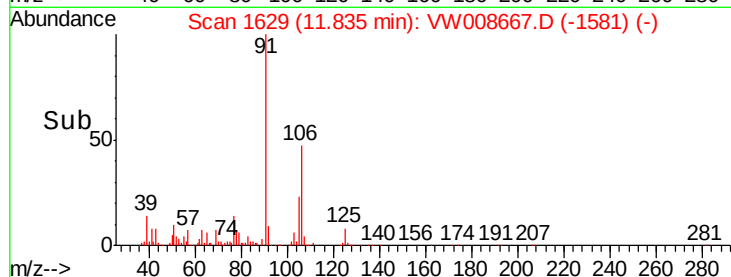
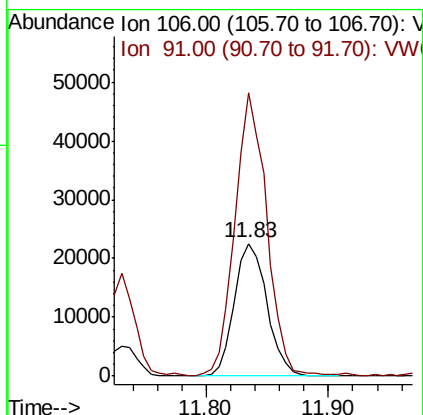
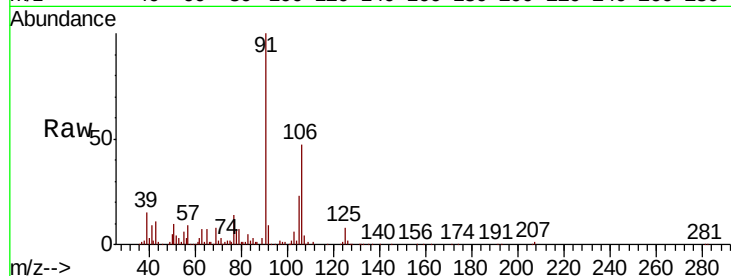




#68
m/p-Xylenes
Concen: 5.898 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

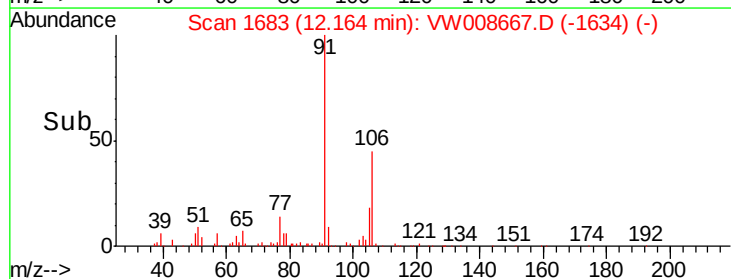
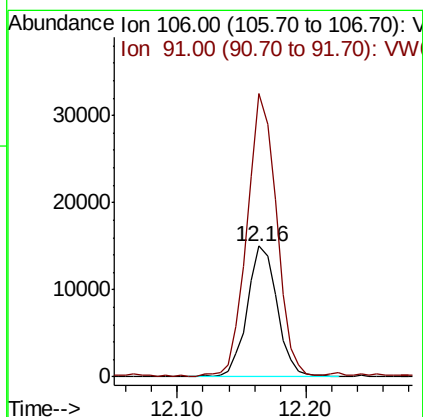
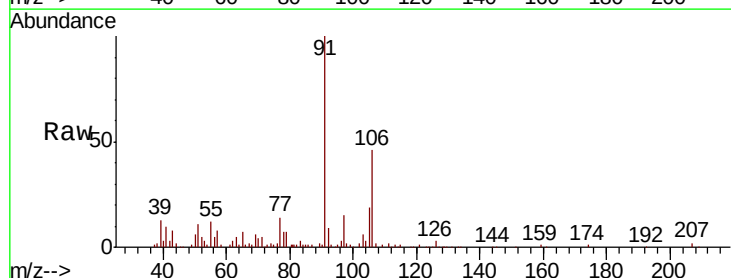
Instrument :
MSVOA_W
ClientSampleId :
OR-01-021319-B

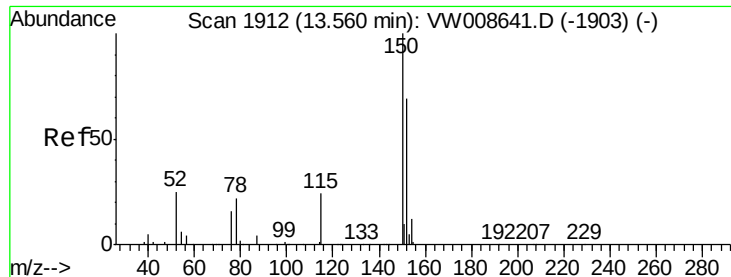
Tot Ion:106 Resp: 41553
Ion Ratio Lower Upper
106 100
91 206.6 161.0 241.4



#69
o-Xylene
Concen: 3.617 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

Tgt Ion:106 Resp: 24086
Ion Ratio Lower Upper
106 100
91 211.1 106.7 320.1

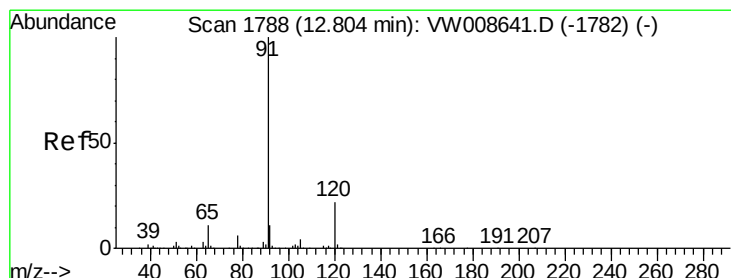
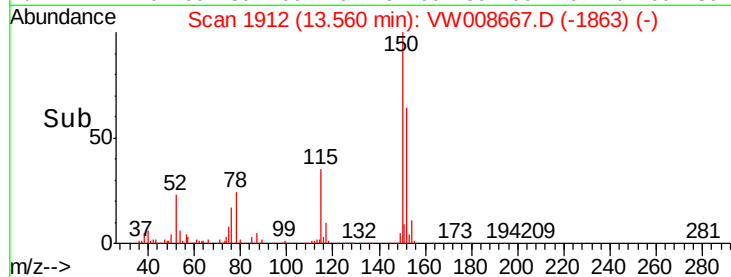
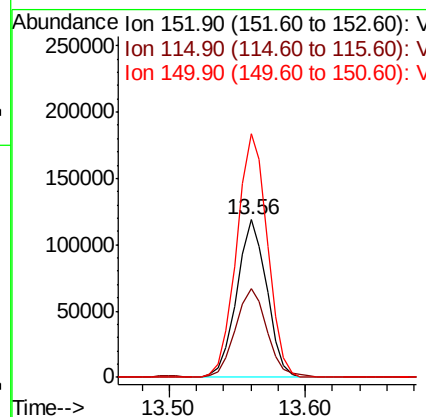
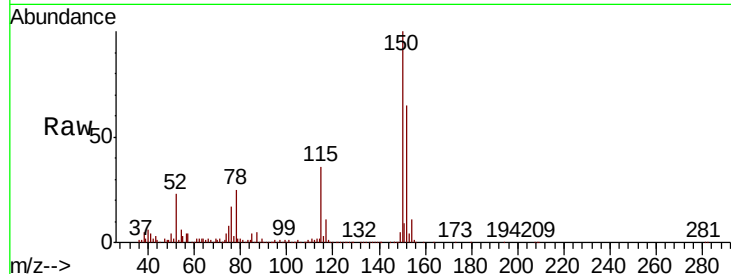




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW008667.D
 Acq: 14 Feb 2019 15:40

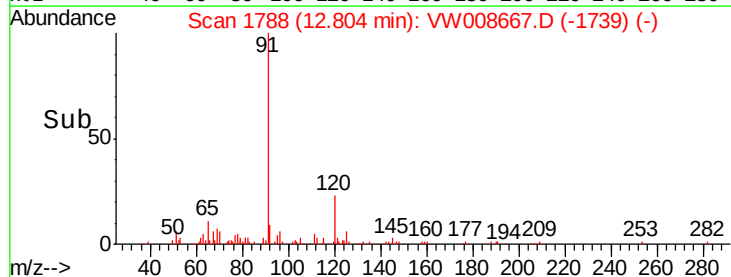
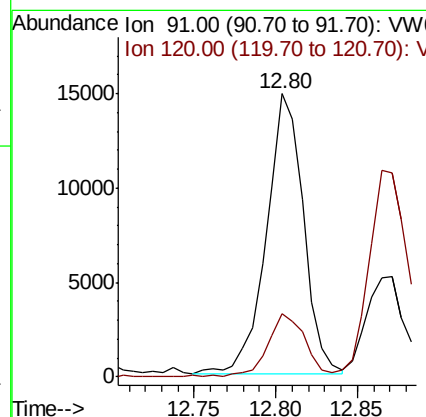
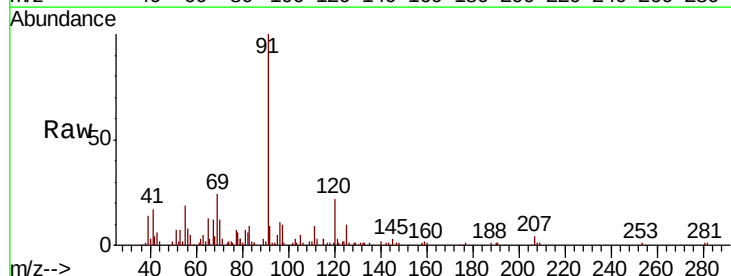
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-021319-B

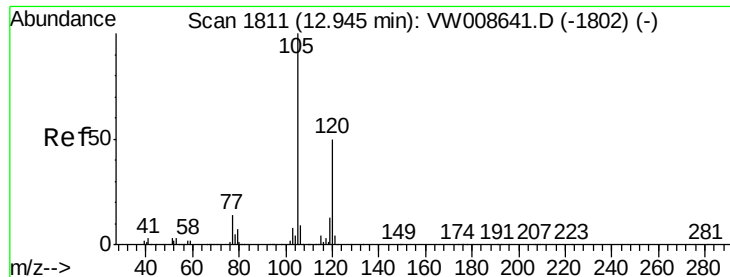
Tot Ion:152 Resp: 182146
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.3 87.8
 150 158.7 0.0 352.8



#78
 n-propylbenzene
 Concen: 1.441 ug/l
 RT: 12.80 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: VW008667.D
 Acq: 14 Feb 2019 15:40

Tgt Ion: 91 Resp: 23231
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.4 34.2





#80

1,3,5-Trimethylbenzene

Concen: 3.253 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008667.D

Acq: 14 Feb 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

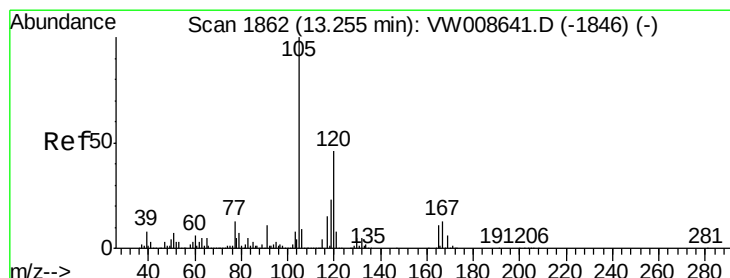
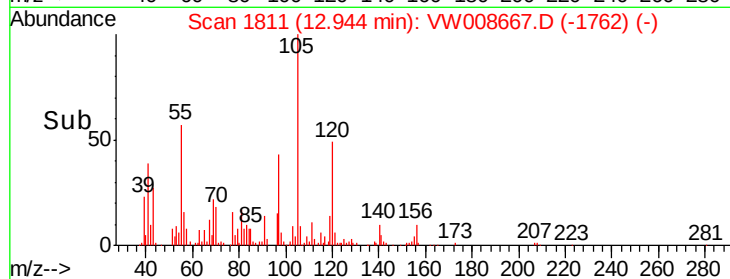
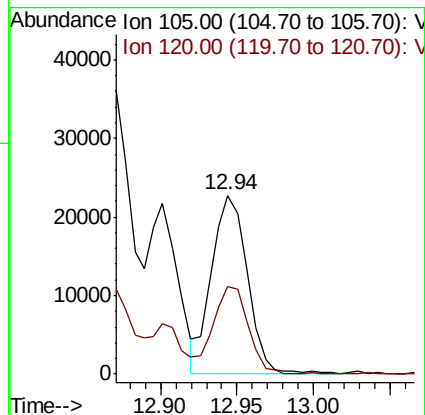
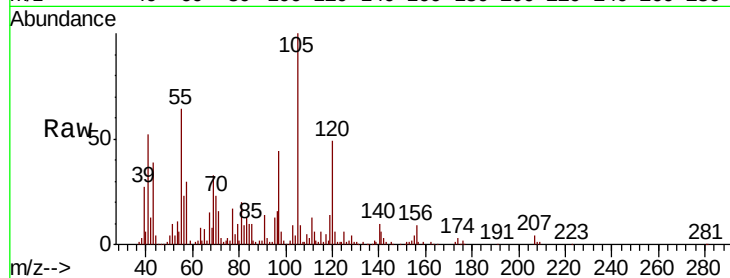
OR-01-021319-B

Tot Ion:105 Resp: 36664

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.8



#84

1,2,4-Trimethylbenzene

Concen: 9.193 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008667.D

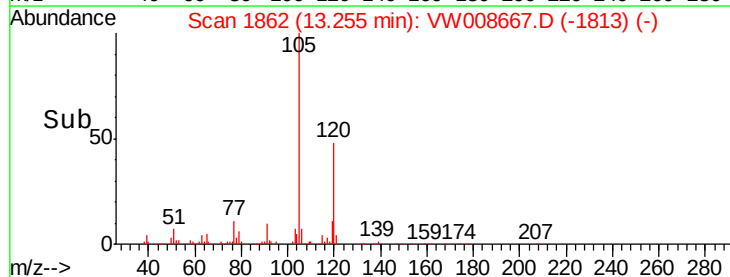
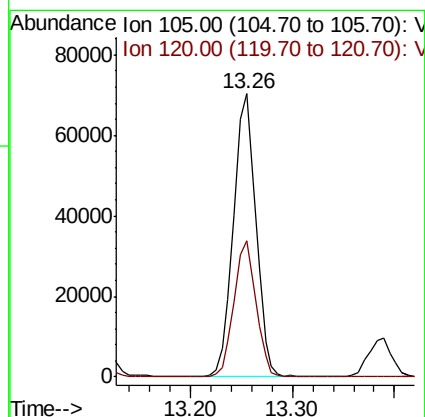
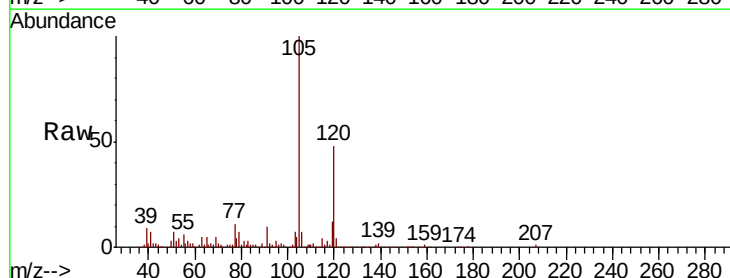
Acq: 14 Feb 2019 15:40

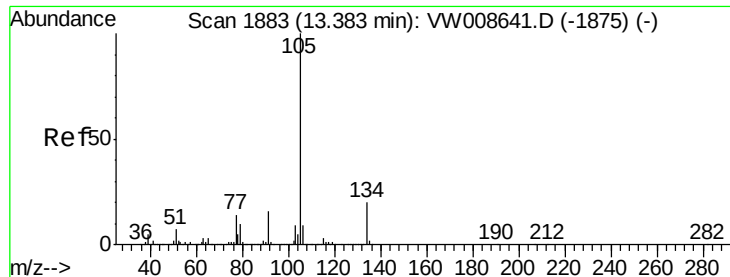
Tgt Ion:105 Resp: 106485

Ion Ratio Lower Upper

105 100

120 47.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 1.053 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW008667.D

Acq: 14 Feb 2019 15:40

Instrument :

MSVOA_W

ClientSampleId :

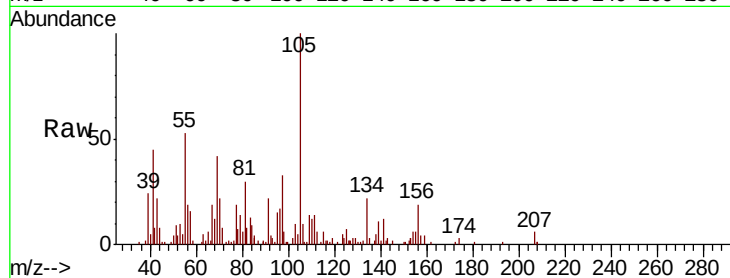
OR-01-021319-B

Tot Ion:105 Resp: 14998

Ion Ratio Lower Upper

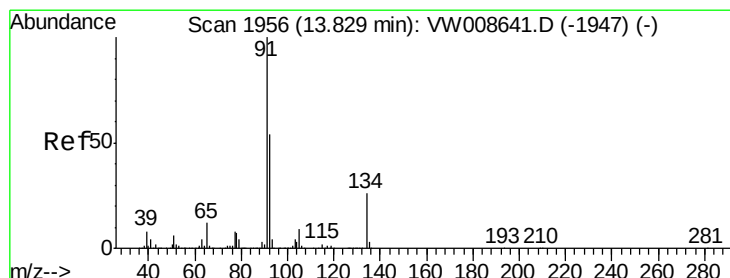
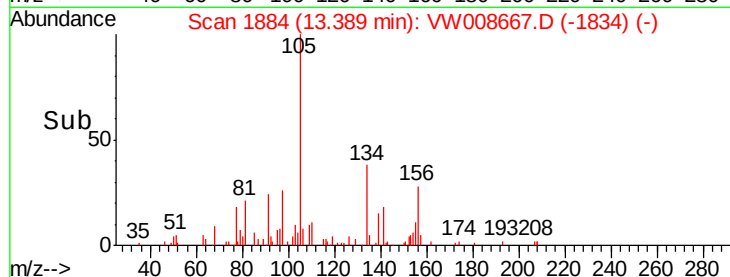
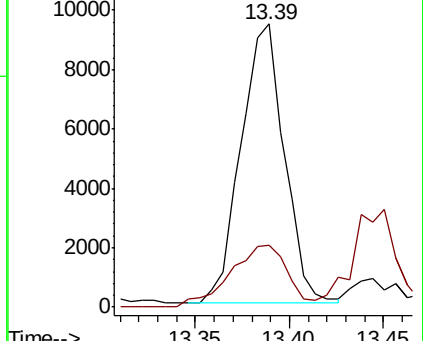
105 100

134 29.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 1.678 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW008667.D

Acq: 14 Feb 2019 15:40

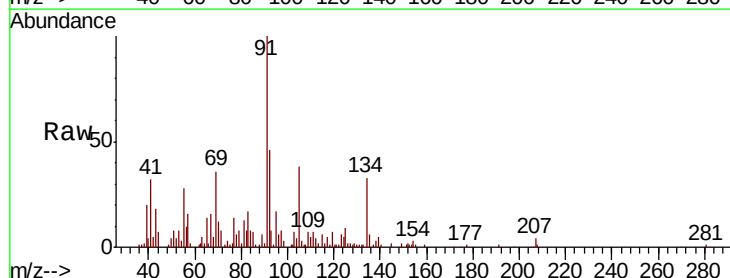
Tgt Ion: 91 Resp: 20327

Ion Ratio Lower Upper

91 100

92 58.9 26.8 80.4

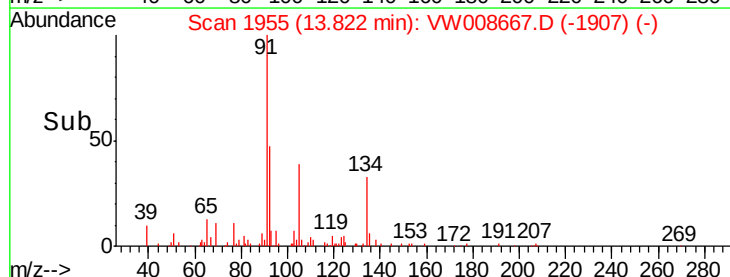
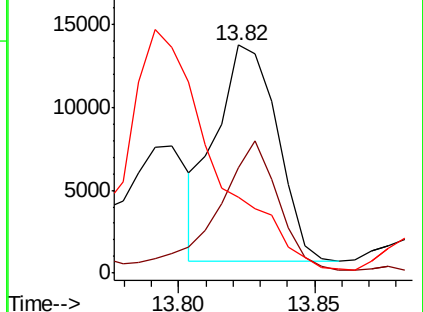
134 0.0 13.0 39.0#

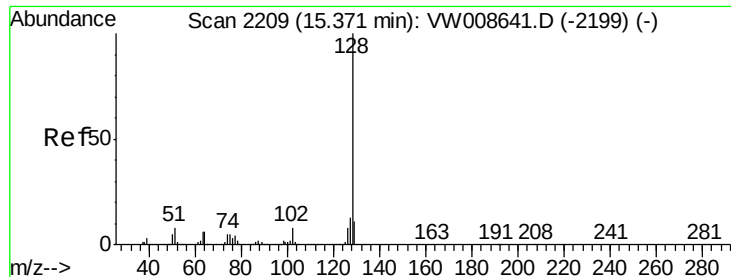


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

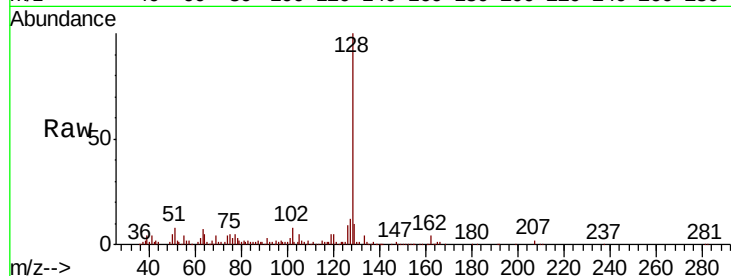




#95
Naphthalene
Concen: 13.575 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008667.D
Acq: 14 Feb 2019 15:40

Instrument :
MSVOA_W
ClientSampleId :
OR-01-021319-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.9	16.3
129	10.7	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

