

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW009000.D
 Acq On : 05 Mar 2019 16:50
 Operator : SY/VA
 Sample : K1688-01RE
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-ARE

Quant Time: Mar 06 07:43:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	313559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	492321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	202235	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	182263	61.98	ug/l	0.00
Spiked Amount			Recovery	=	123.96%	
35) Dibromofluoromethane	7.88	113	151199	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
50) Toluene-d8	10.32	98	582215	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	203963	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	

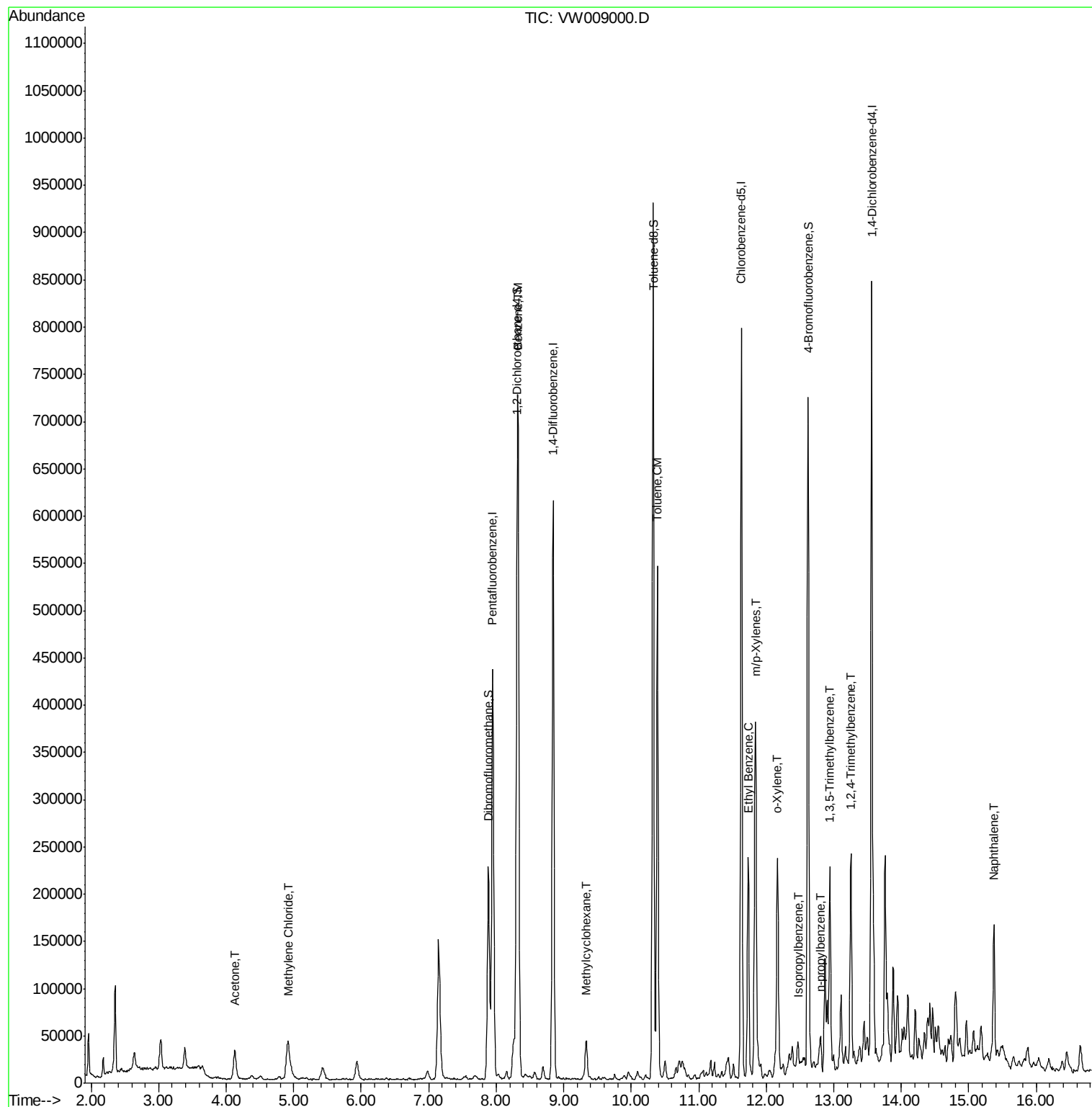
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	54287	79.637	ug/l	94
20) Methylene Chloride	4.92	84	28848	3.878	ug/l	93
39) Methylcyclohexane	9.34	83	14667	2.454	ug/l	92
40) Benzene	8.32	78	563825	43.090	ug/l	99
52) Toluene	10.39	92	229239	25.814	ug/l	99
67) Ethyl Benzene	11.73	91	156796	9.540	ug/l	97
68) m/p-Xylenes	11.84	106	105512	16.067	ug/l	99
69) o-Xylene	12.16	106	58513	9.493	ug/l	99
73) Isopropylbenzene	12.47	105	15737	1.135	ug/l	98
78) n-propylbenzene	12.80	91	26343	1.553	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	79502	6.599	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	119483	9.580	ug/l	96
95) Naphthalene	15.37	128	126790	17.065	ug/l	99

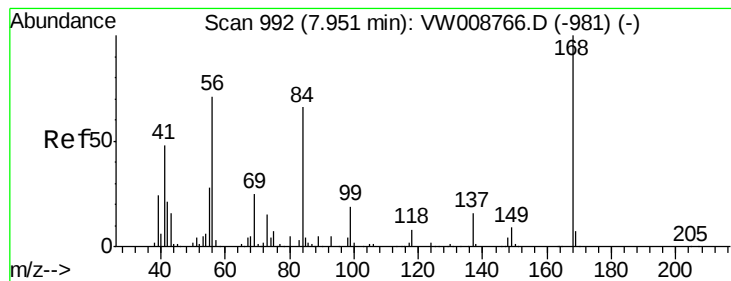
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030519\
Data File : VW009000.D
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Operator : SY/VA
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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
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: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

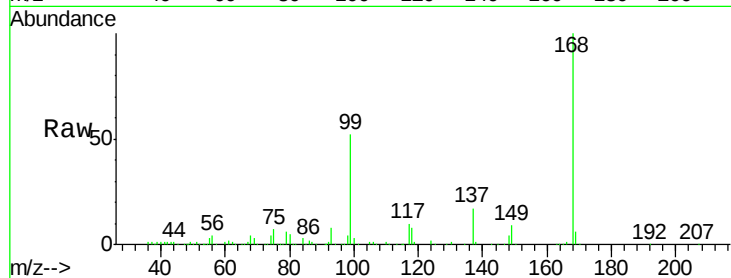
JC-03-030119-ARE

Tot Ion:168 Resp: 313559

Ion Ratio Lower Upper

168 100

99 52.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

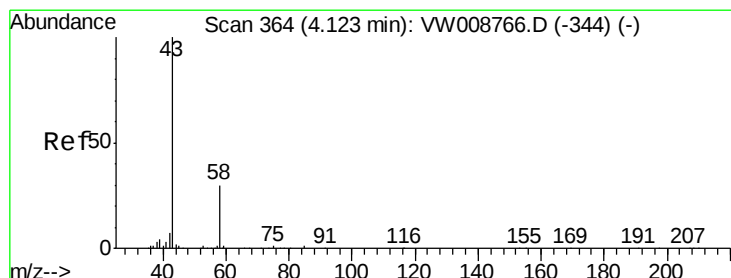
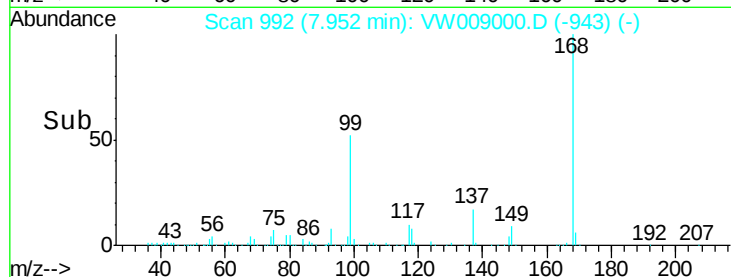
100000

50000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 79.637 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009000.D

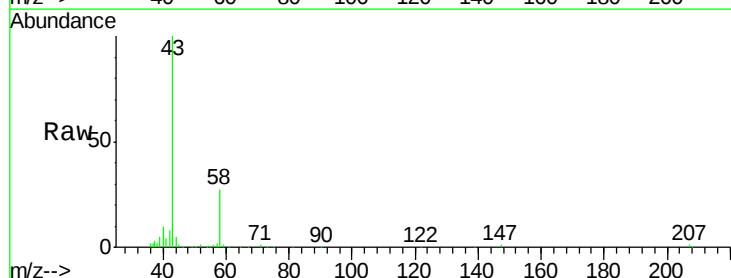
Acq: 05 Mar 2019 16:50

Tgt Ion: 43 Resp: 54287

Ion Ratio Lower Upper

43 100

58 26.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

15000

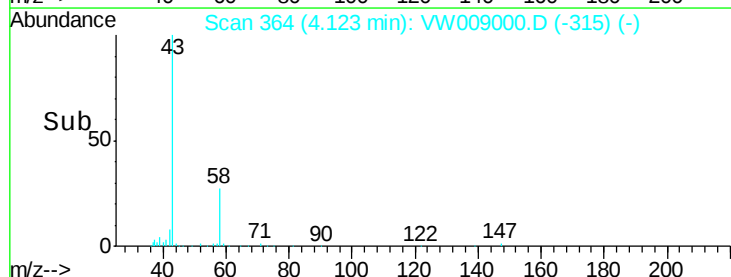
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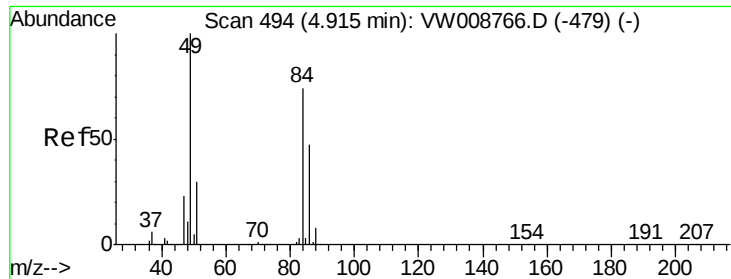
5000

0

4.00 4.10 4.20

Time-->

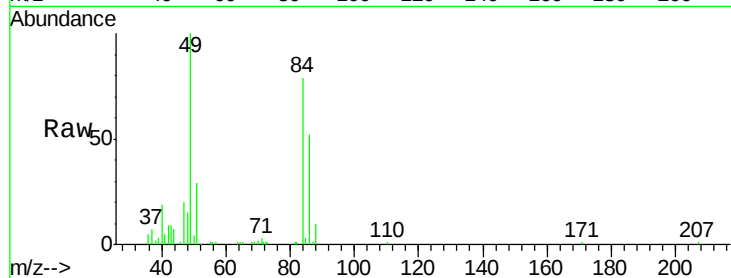




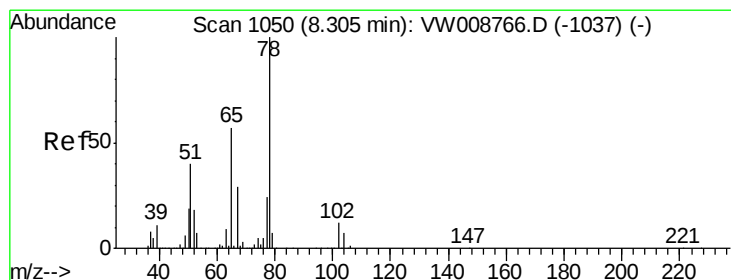
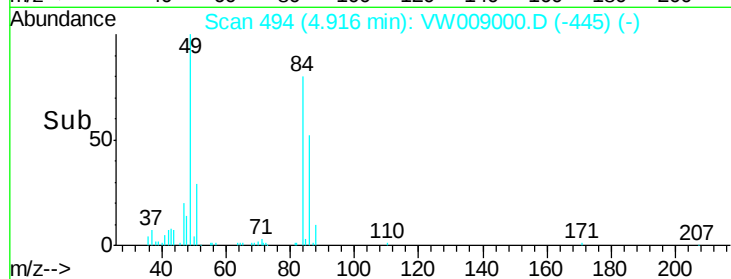
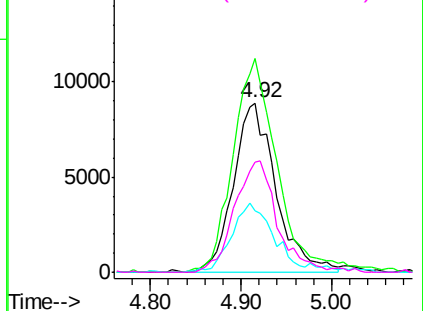
#20
Methylene Chloride
Concen: 3.878 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-ARE

Tot Ion: 84 Resp: 28848
Ion Ratio Lower Upper
84 100
49 125.4 108.2 162.2
51 35.7 32.7 49.1
86 65.4 50.3 75.5

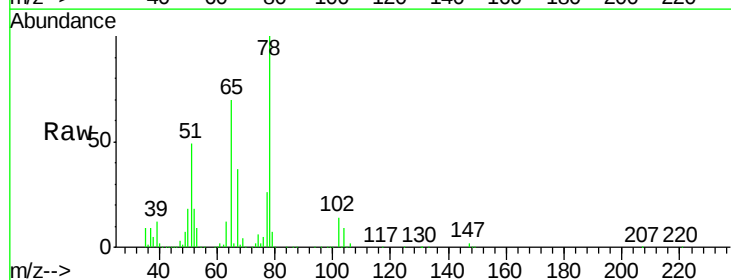


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

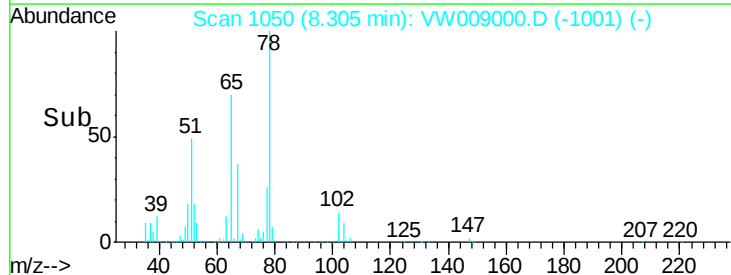
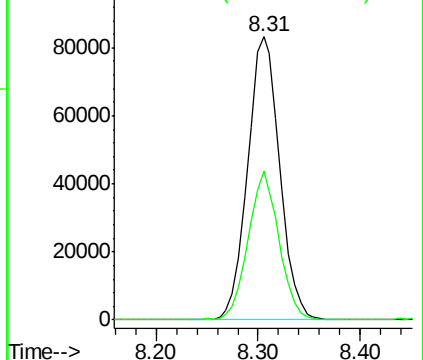


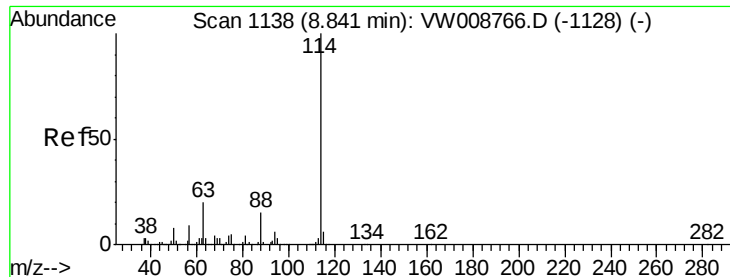
#33
1,2-Dichloroethane-d4
Concen: 61.975 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion: 65 Resp: 182263
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

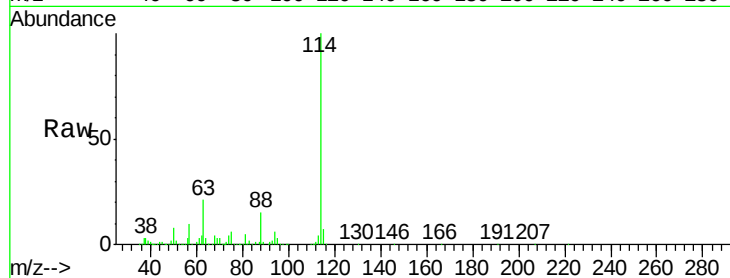




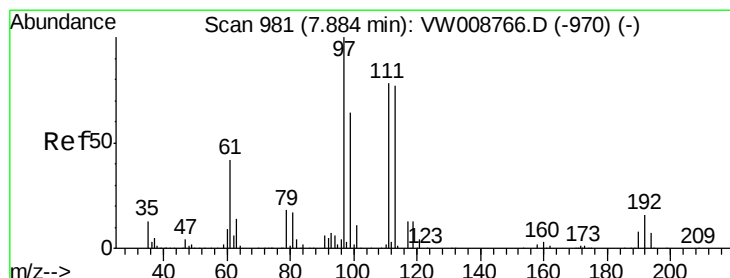
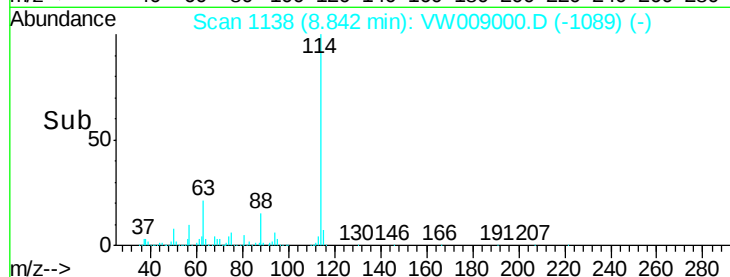
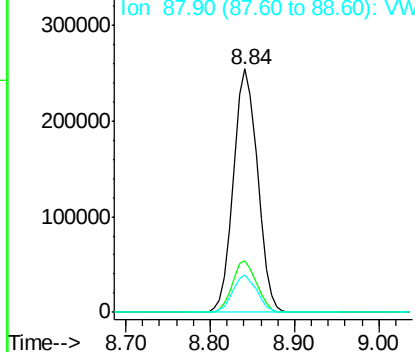
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-ARE

Tot Ion:114 Resp: 492321
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.2 0.0 30.4

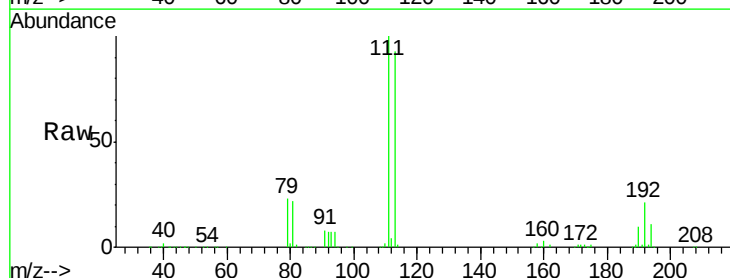


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

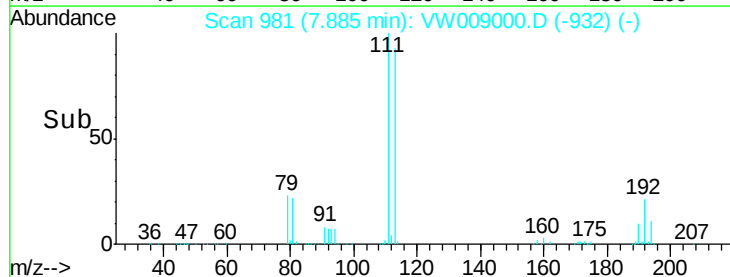
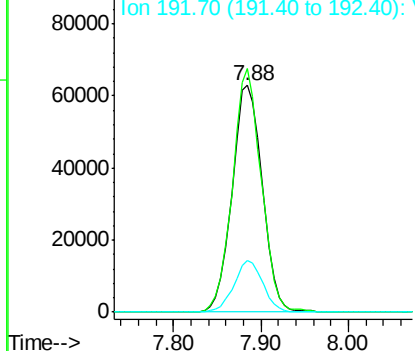


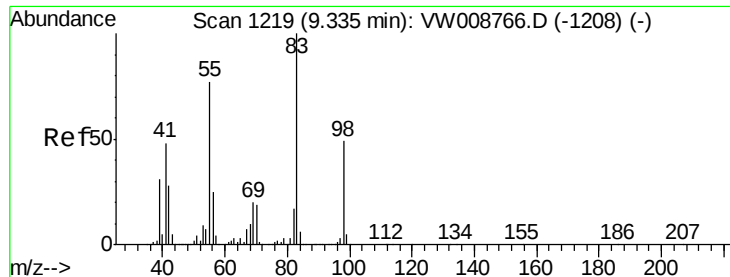
#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion:113 Resp: 151199
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 21.8 17.1 25.7



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

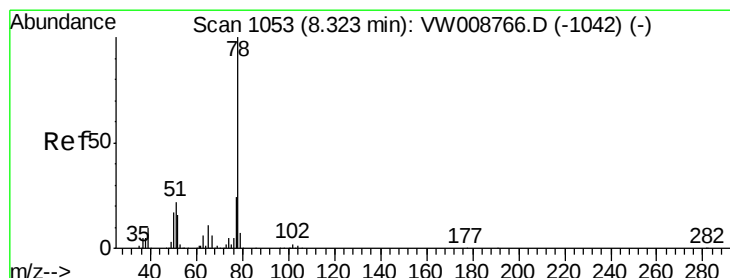
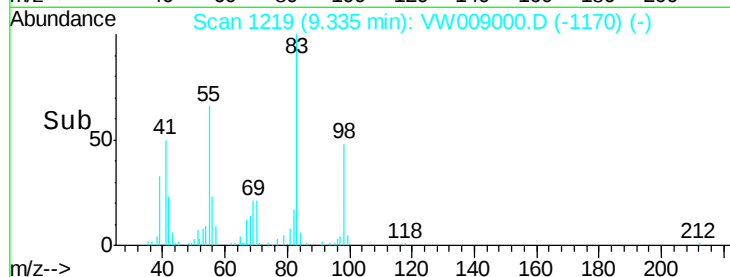
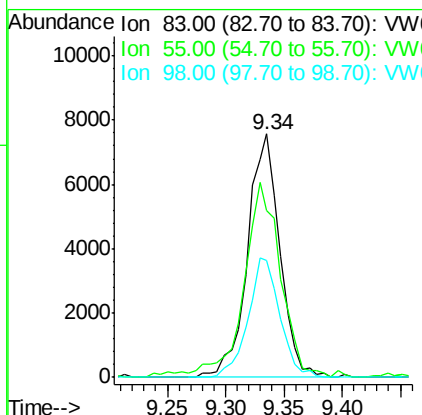
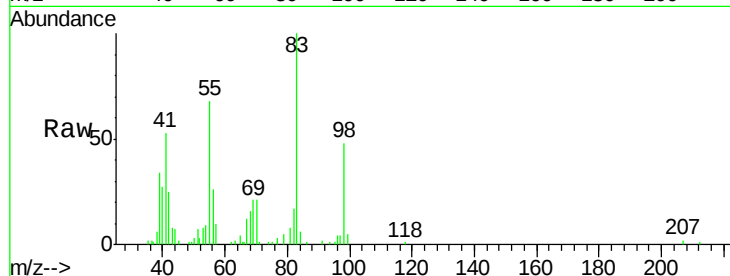




#39
Methvlcvclohexane
Concen: 2.454 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

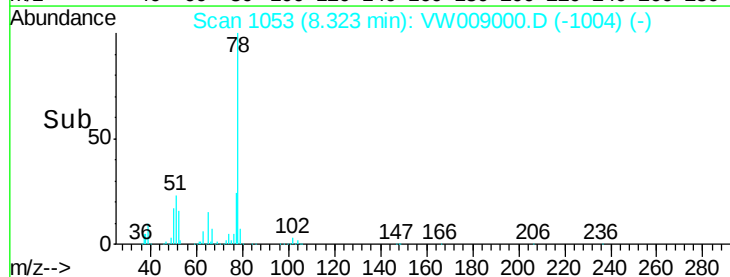
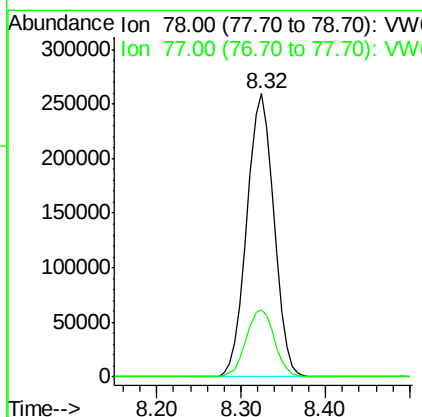
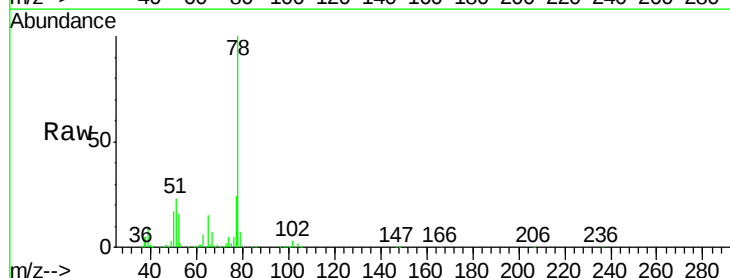
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-ARE

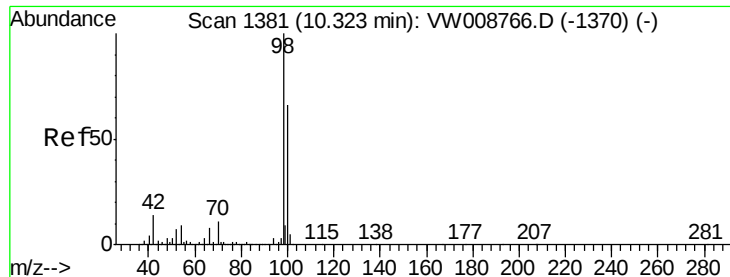
Tot Ion: 83 Resp: 14667
Ion Ratio Lower Upper
83 100
55 66.7 61.2 91.8
98 48.1 39.4 59.2



#40
Benzene
Concen: 43.090 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion: 78 Resp: 563825
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#50

Toluene-d8

Concen: 51.023 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

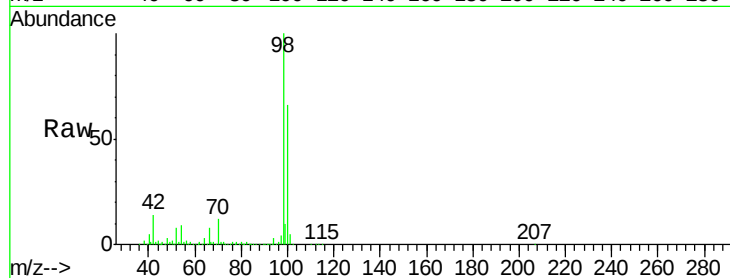
JC-03-030119-ARE

Tot Ion: 98 Resp: 582215

Ion Ratio Lower Upper

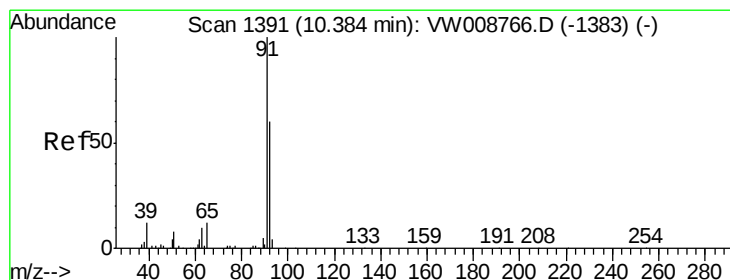
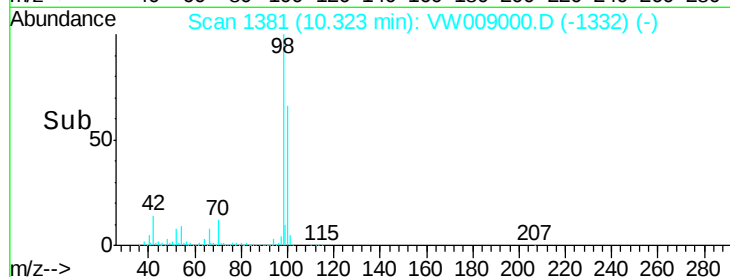
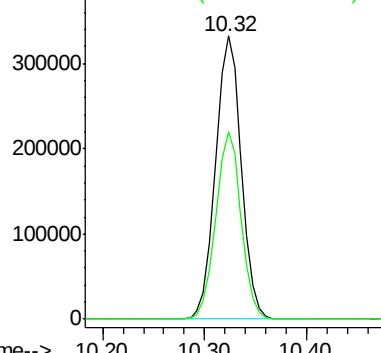
98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 25.814 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009000.D

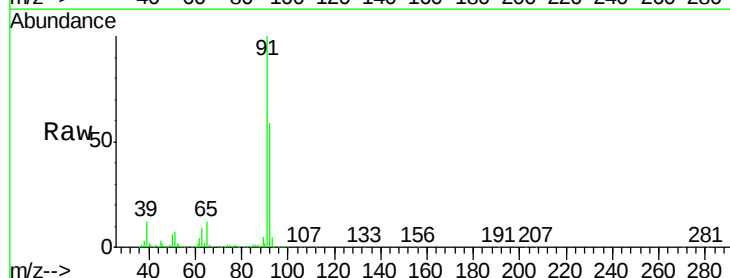
Acq: 05 Mar 2019 16:50

Tgt Ion: 92 Resp: 229239

Ion Ratio Lower Upper

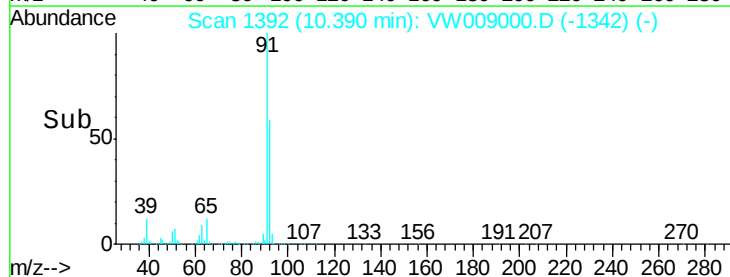
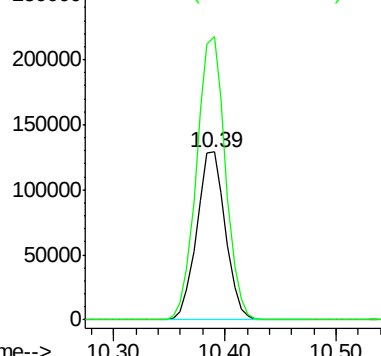
92 100

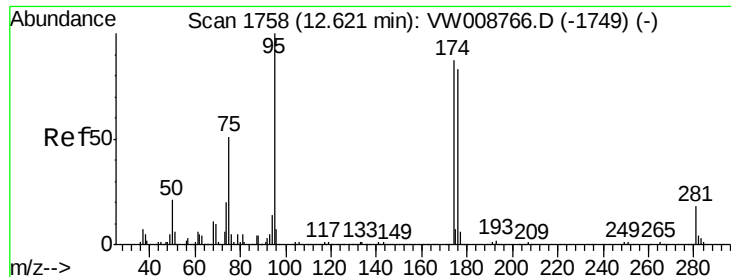
91 169.4 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

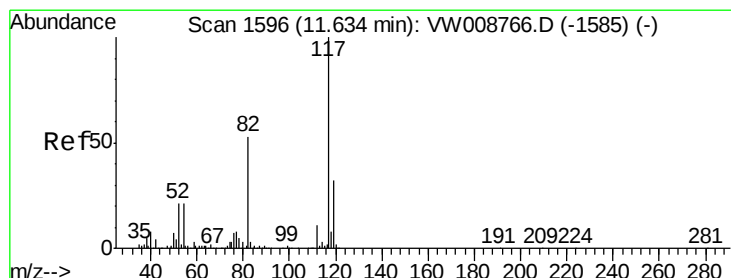
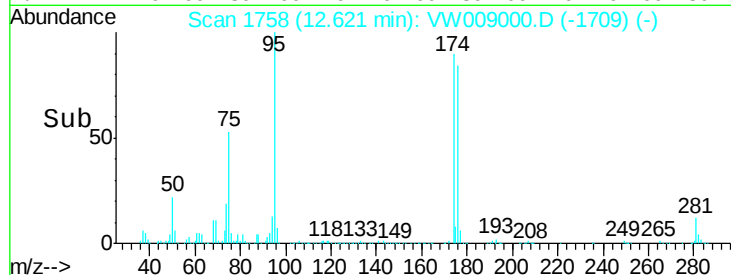
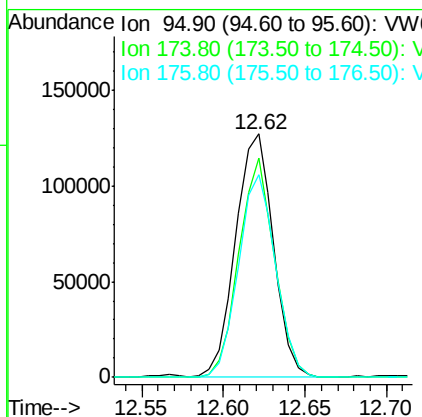
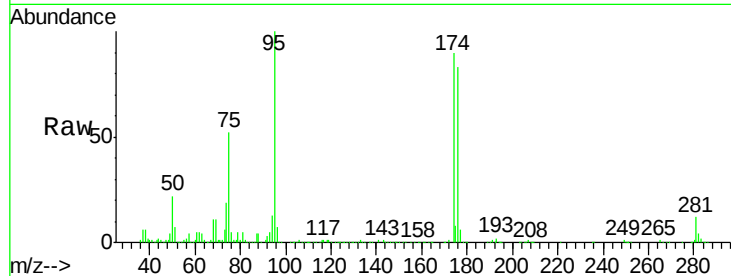




#62
4-Bromofluorobenzene
Concen: 45.651 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

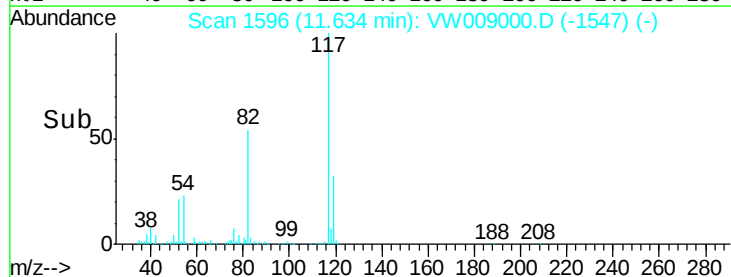
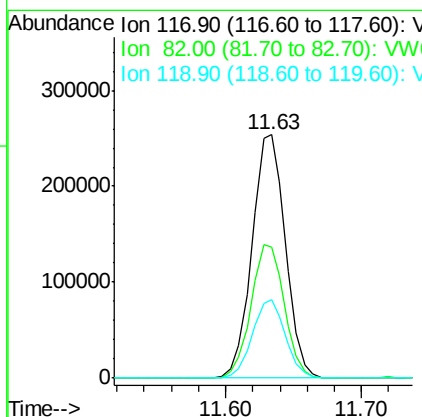
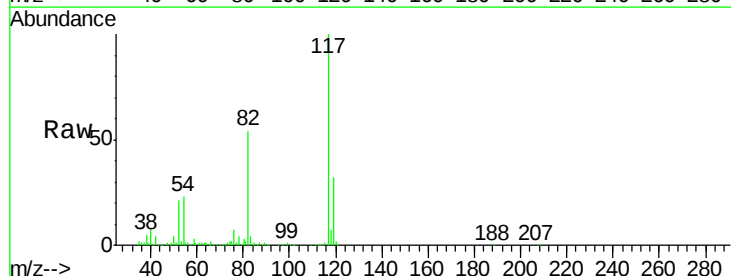
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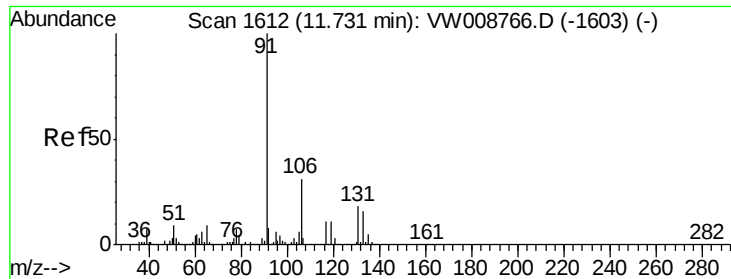
Tot Ion: 95 Resp: 203963
Ion Ratio Lower Upper
95 100
174 85.5 0.0 169.2
176 82.6 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion: 117 Resp: 437258
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 32.2 25.9 38.9

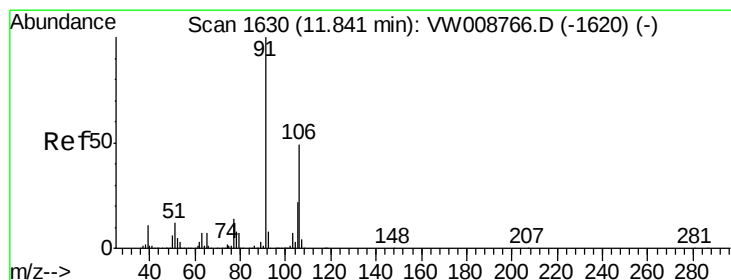
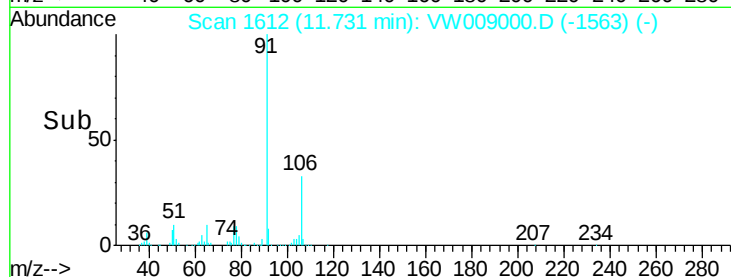
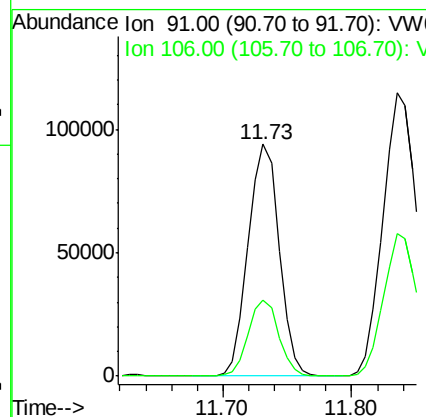
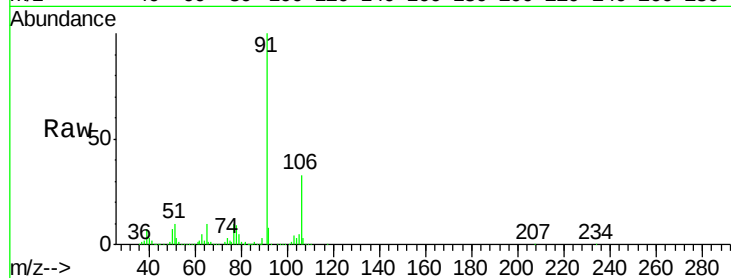




#67
Ethyl Benzene
Concen: 9.540 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

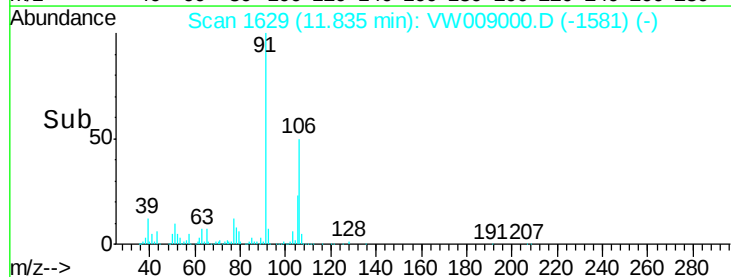
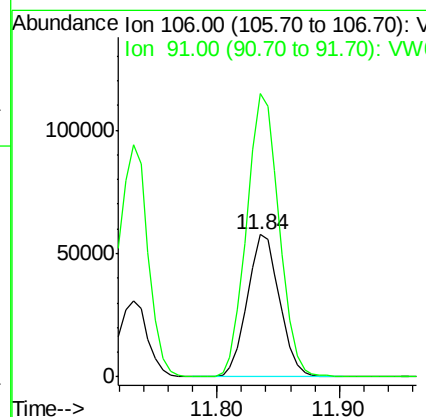
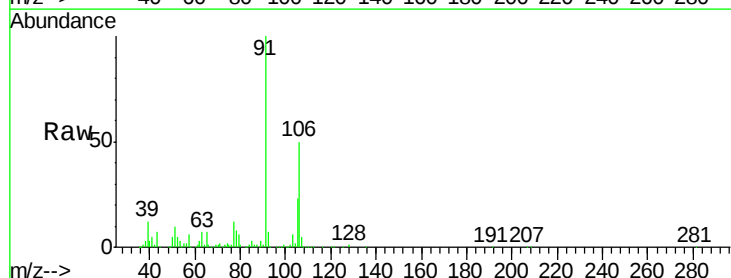
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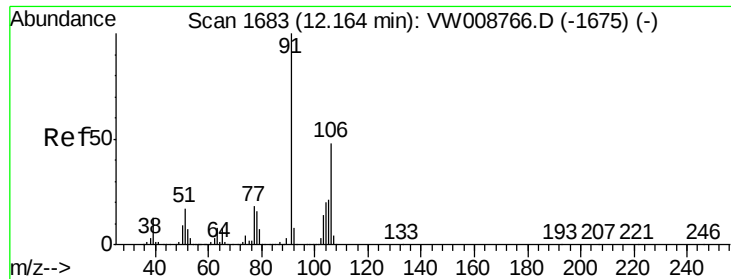
Tot Ion: 91 Resp: 156796
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6



#68
m/p-Xylenes
Concen: 16.067 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion: 106 Resp: 105512
Ion Ratio Lower Upper
106 100
91 200.8 161.5 242.3

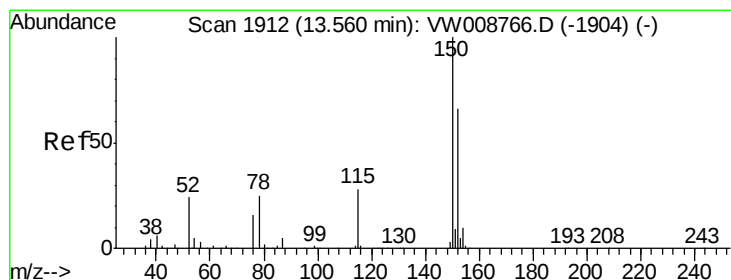
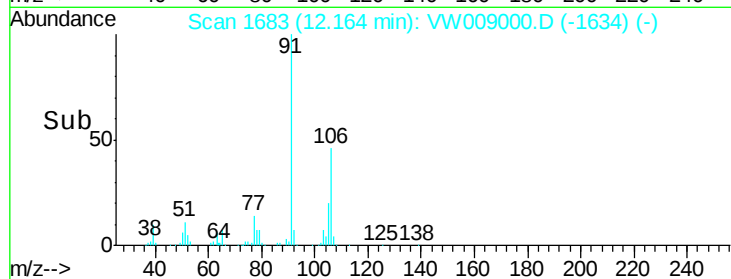
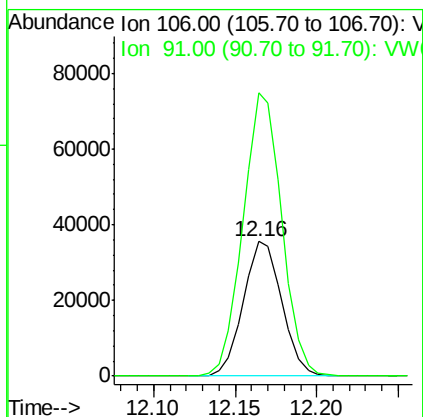
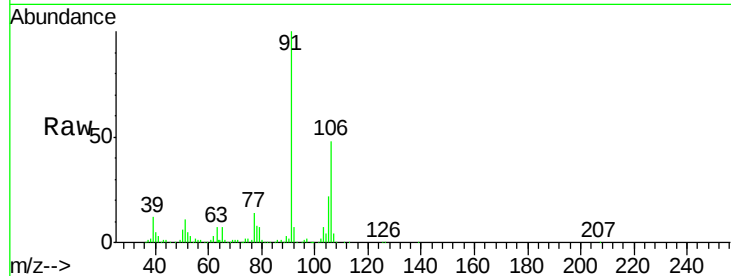




#69
o-Xylene
Concen: 9.493 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

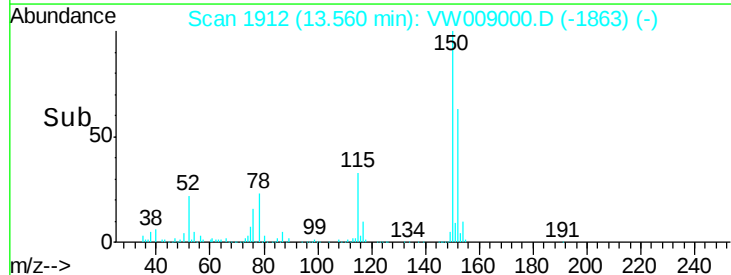
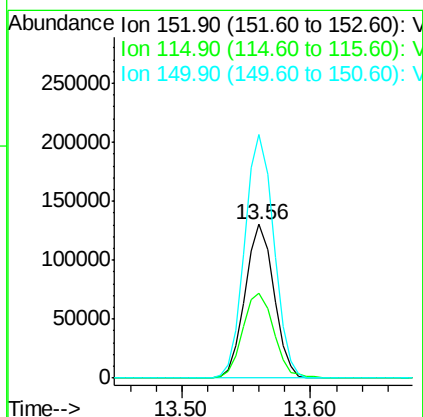
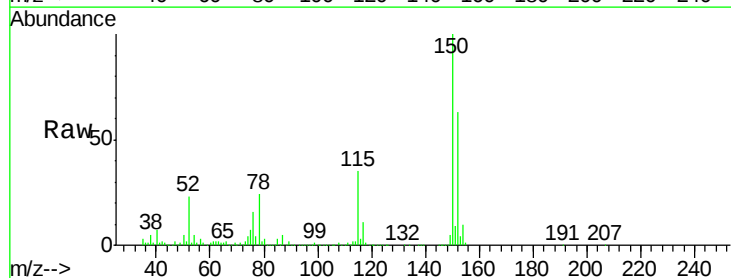
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-ARE

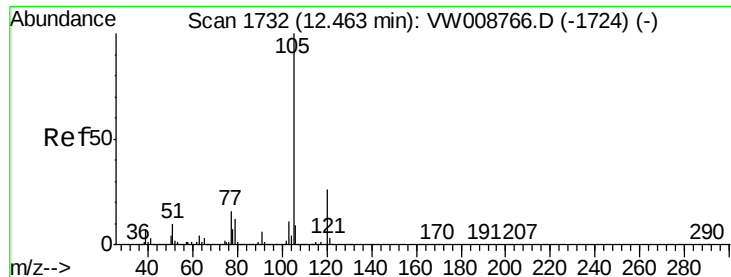
Tot Ion:106 Resp: 58513
Ion Ratio Lower Upper
106 100
91 211.4 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Tgt Ion:152 Resp: 202235
Ion Ratio Lower Upper
152 100
115 58.8 28.6 85.8
150 159.8 0.0 348.0





#73

Isopropylbenzene

Concen: 1.135 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

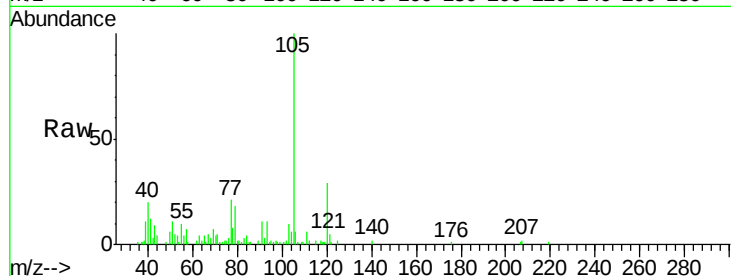
JC-03-030119-ARE

Tot Ion:105 Resp: 15737

Ion Ratio Lower Upper

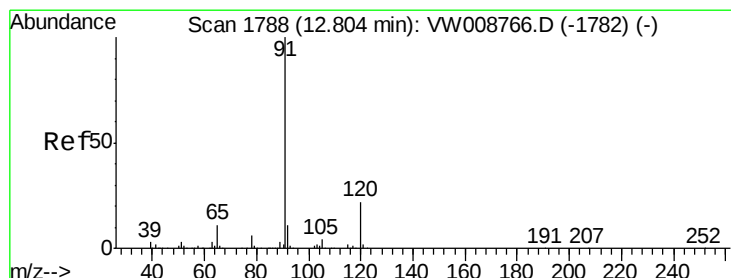
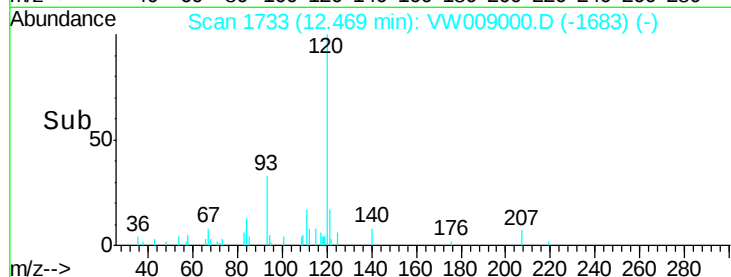
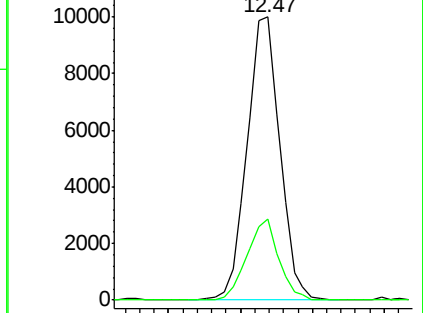
105 100

120 27.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.553 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW009000.D

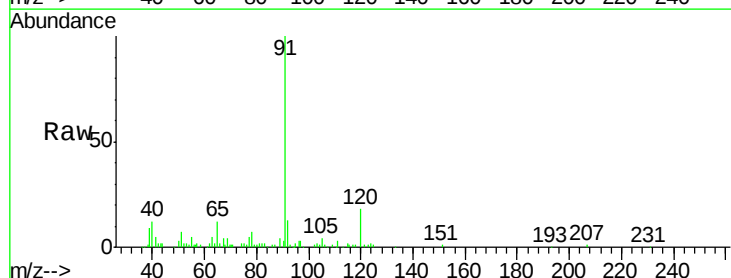
Acq: 05 Mar 2019 16:50

Tgt Ion: 91 Resp: 26343

Ion Ratio Lower Upper

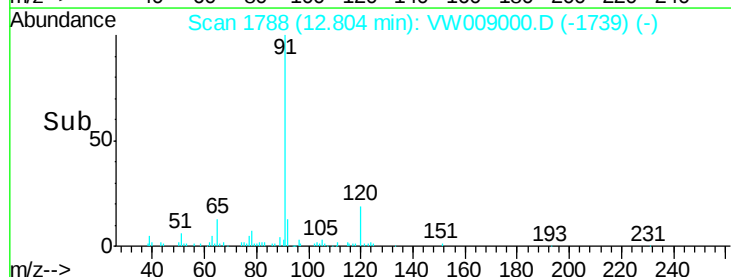
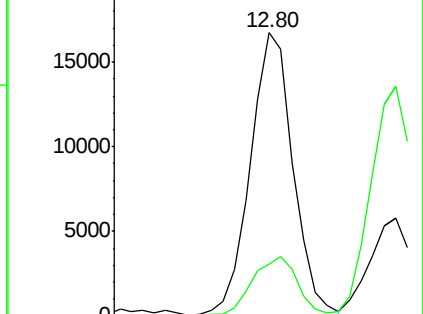
91 100

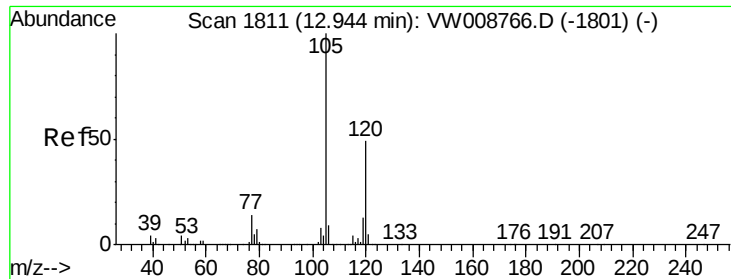
120 22.2 11.5 34.4



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: 6.599 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009000.D

Acq: 05 Mar 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

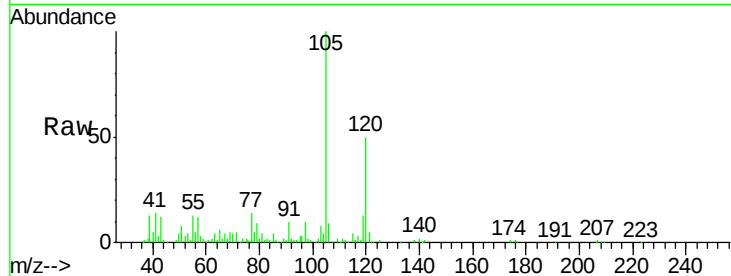
JC-03-030119-ARE

Tot Ion:105 Resp: 79502

Ion Ratio Lower Upper

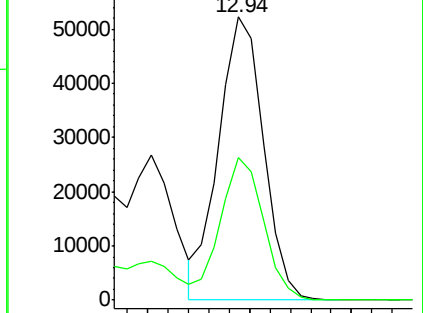
105 100

120 48.8 24.8 74.4

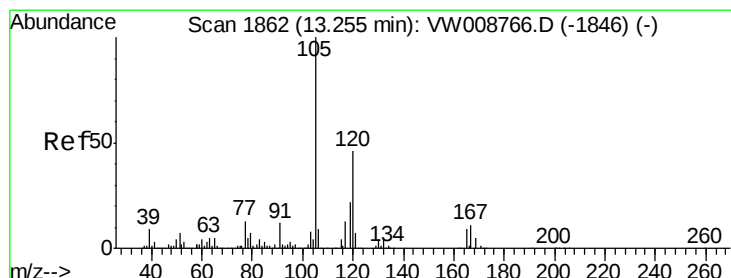
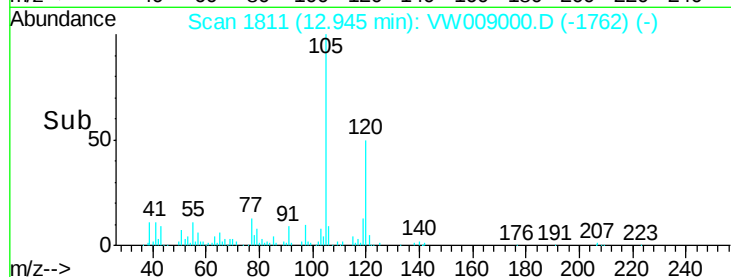


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 9.580 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009000.D

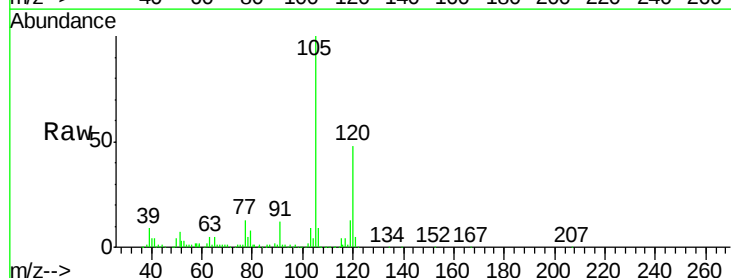
Acq: 05 Mar 2019 16:50

Tgt Ion:105 Resp: 119483

Ion Ratio Lower Upper

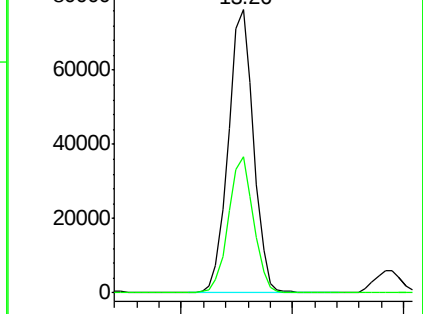
105 100

120 47.9 22.8 68.4

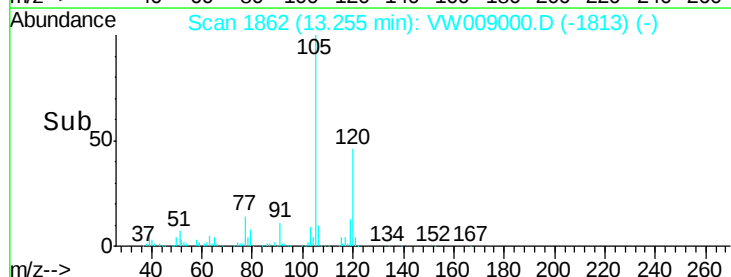


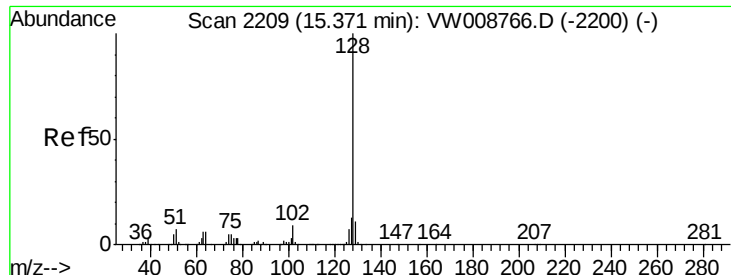
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

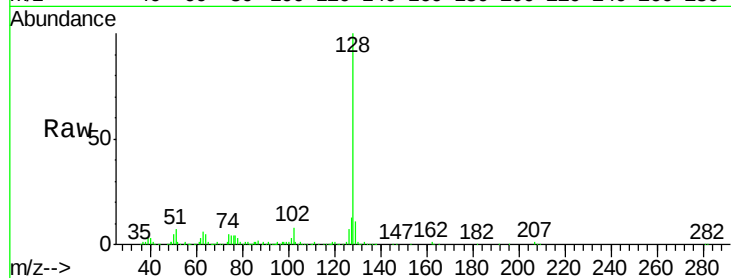




#95
Naphthalene
Concen: 17.065 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009000.D
Acq: 05 Mar 2019 16:50

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-ARE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.8	16.2
129	11.1	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

