

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009131.D
 Acq On : 12 Mar 2019 18:33
 Operator : SY/VA
 Sample : K1692-01RE
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-030819RE

Quant Time: Mar 13 05:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

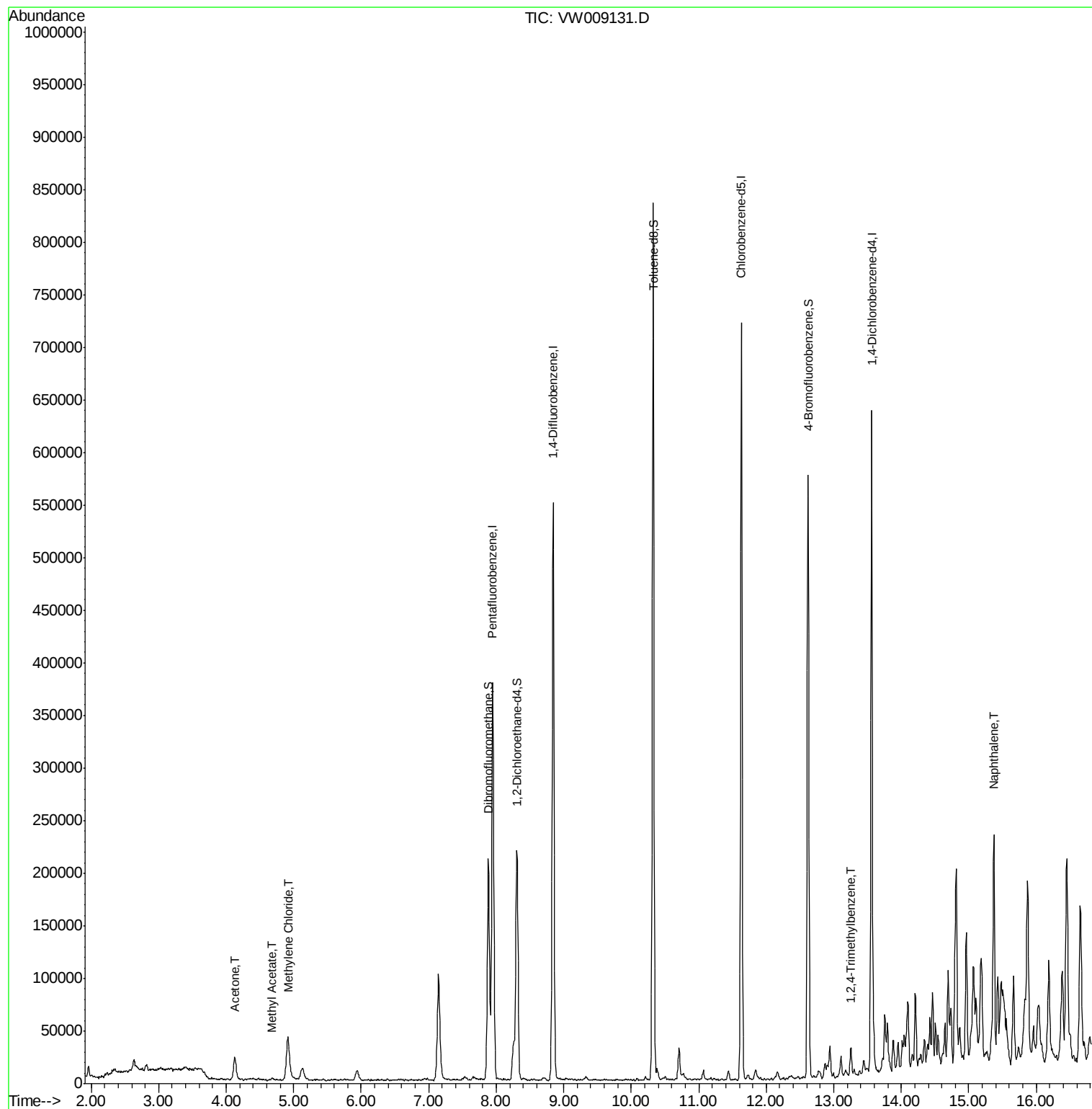
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	442388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170314	60.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.66%	
35) Dibromofluoromethane	7.88	113	141725	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	10.32	98	524204	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.62	95	159216	36.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.94%	
Target Compounds						
16) Acetone	4.12	43	37268	58.984	ug/l	96
18) Methyl Acetate	4.68	43	4443	3.058	ug/l #	82
20) Methylene Chloride	4.92	84	31085	5.645	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	14590	1.521	ug/l	94
95) Naphthalene	15.37	128	166306	32.281	ug/l	100

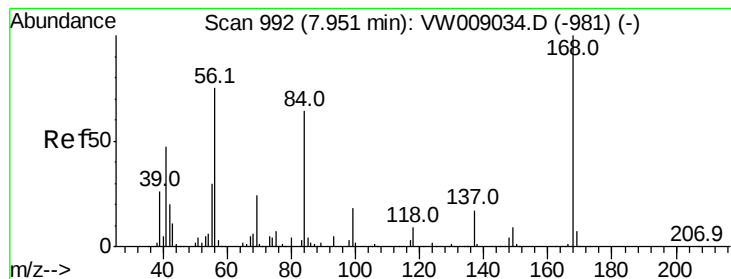
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031219\
Data File : VW009131.D
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 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: VW009131.D

Acq: 12 Mar 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

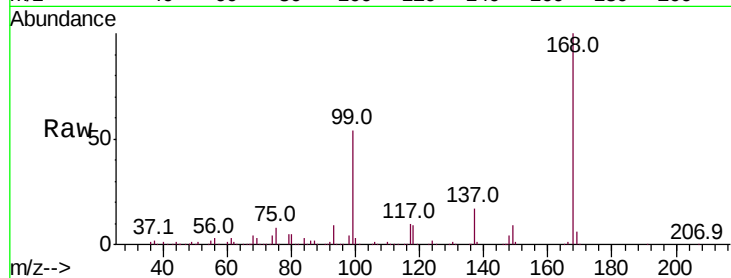
OK-01-030819RE

Tot Ion:168 Resp: 278297

Ion Ratio Lower Upper

168 100

99 53.9 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

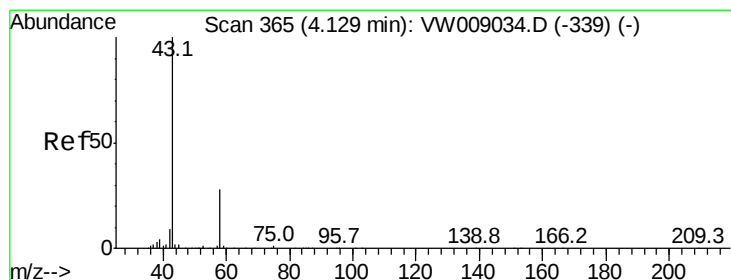
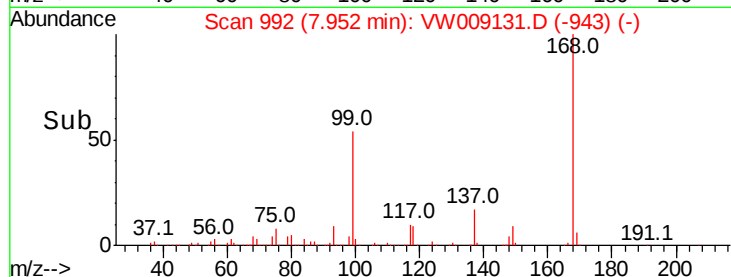
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 58.984 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009131.D

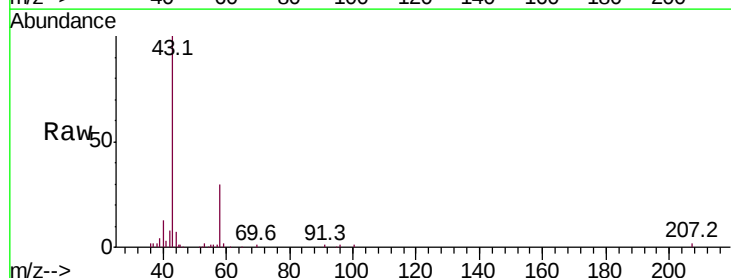
Acq: 12 Mar 2019 18:33

Tgt Ion: 43 Resp: 37268

Ion Ratio Lower Upper

43 100

58 30.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

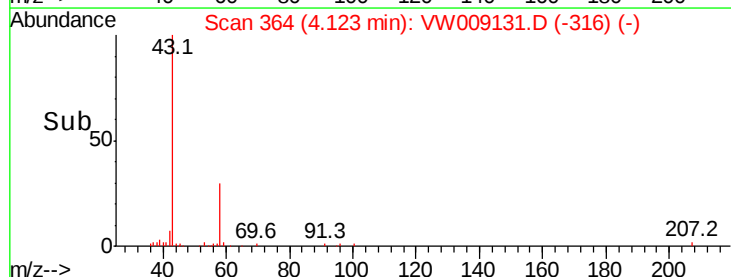
10000

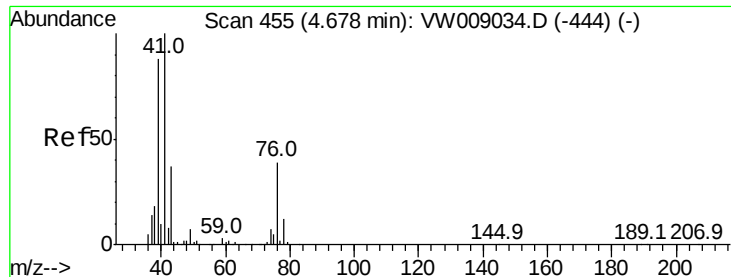
5000

0

Time-->

4.00 4.10 4.20

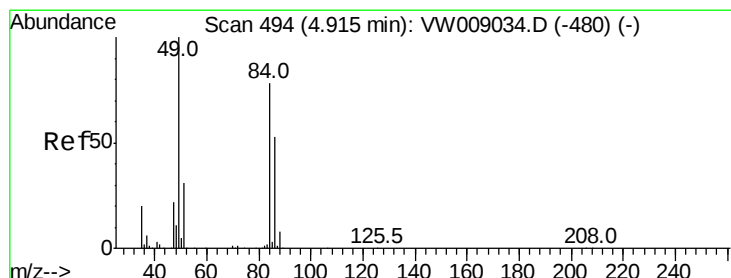
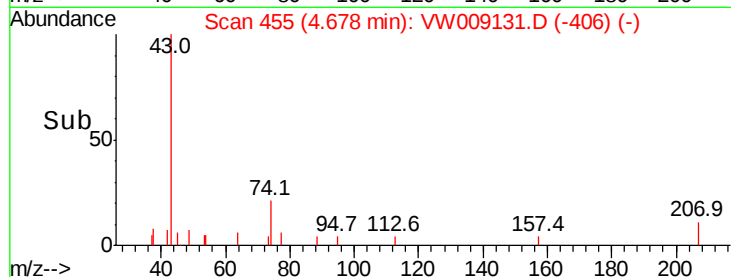
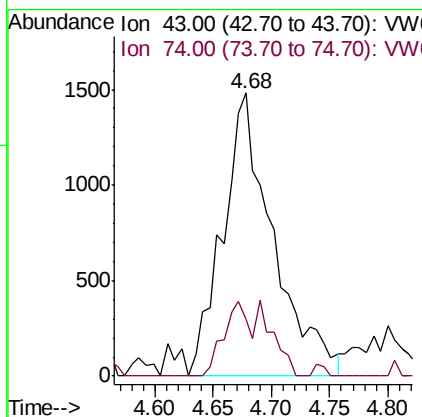
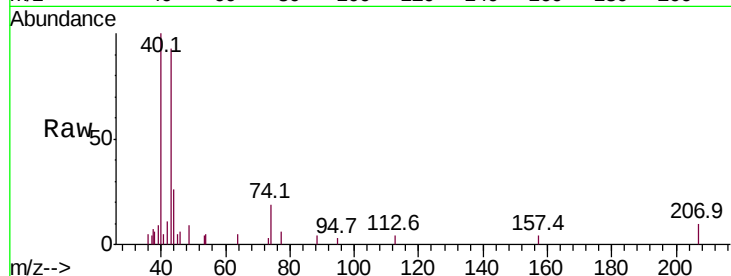




#18
Methyl Acetate
Concen: 3.058 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW009131.D
Acq: 12 Mar 2019 18:33

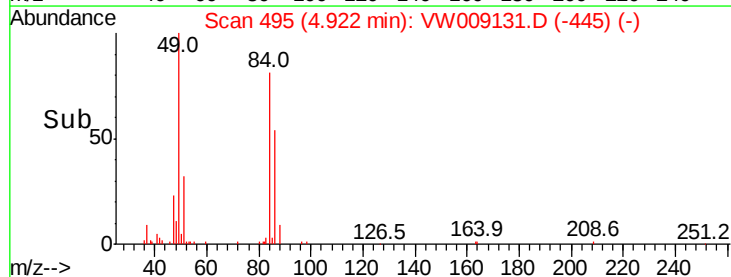
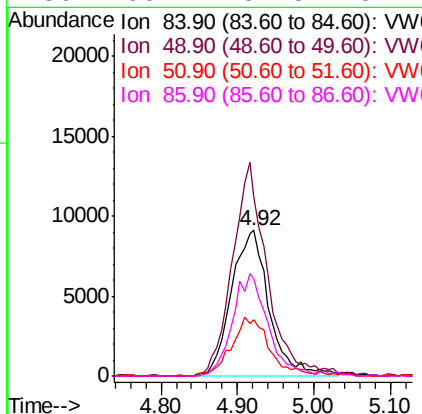
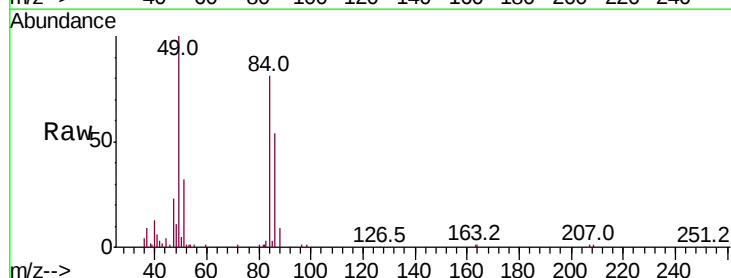
Instrument :
MSVOA_W
ClientSampleId :
OK-01-030819RE

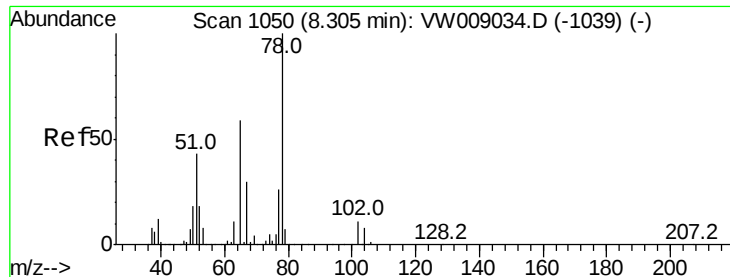
Tot Ion: 43 Resp: 4443
Ion Ratio Lower Upper
43 100
74 13.6 17.6 26.4#



#20
Methylene Chloride
Concen: 5.645 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009131.D
Acq: 12 Mar 2019 18:33

Tgt Ion: 84 Resp: 31085
Ion Ratio Lower Upper
84 100
49 123.3 102.4 153.6
51 39.0 31.6 47.4
86 66.4 54.5 81.7





#33

1,2-Dichloroethane-d4

Concen: 60.828 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009131.D

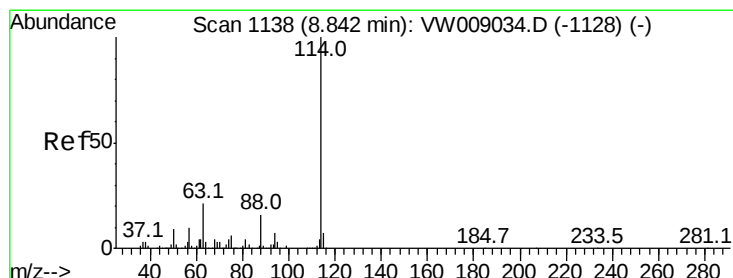
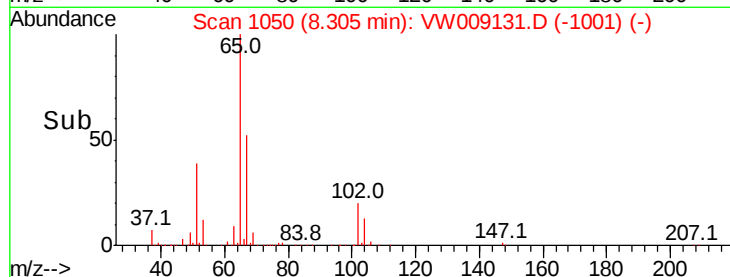
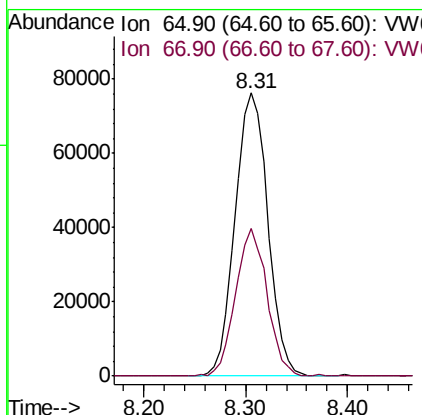
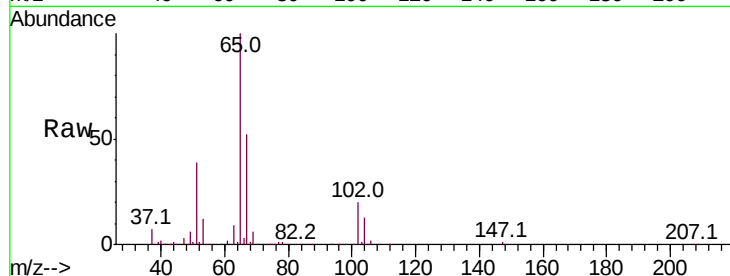
Acq: 12 Mar 2019 18:33

Instrument :
MSVOA_W

ClientSampleId :
OK-01-030819RE

Tot Ion: 65 Resp: 170314

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

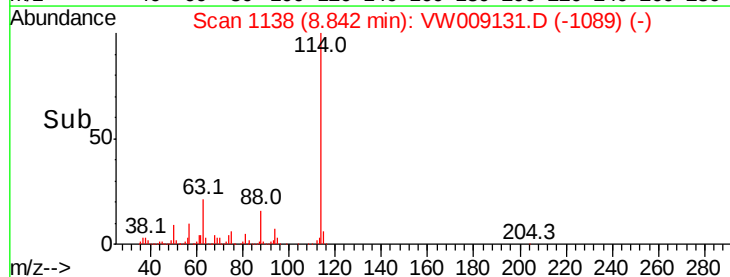
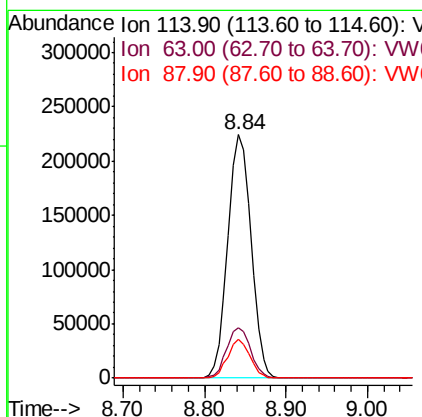
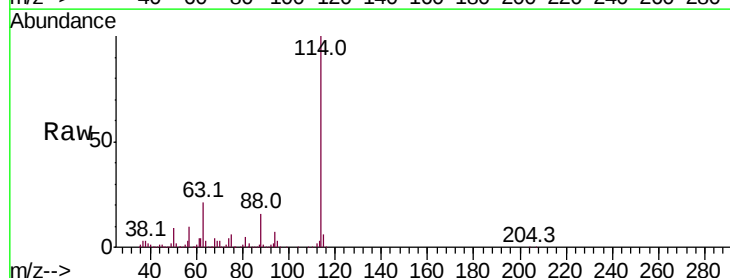
Delta R.T. 0.00 min

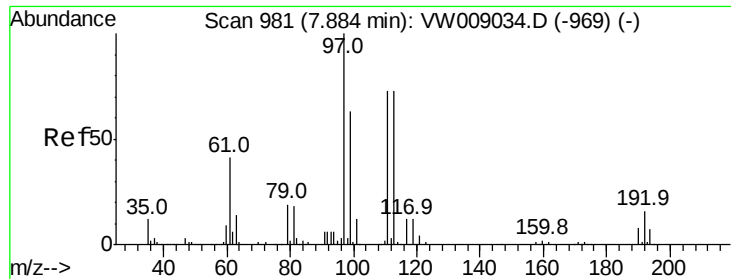
Lab File: VW009131.D

Acq: 12 Mar 2019 18:33

Tgt Ion: 114 Resp: 442388

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.2
88	15.8	0.0	31.2





#35

Dibromofluoromethane

Concen: 53.209 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009131.D

Acq: 12 Mar 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

OK-01-030819RE

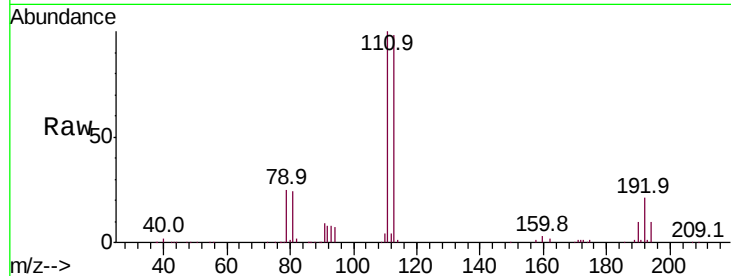
Tot Ion:113 Resp: 141725

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.4

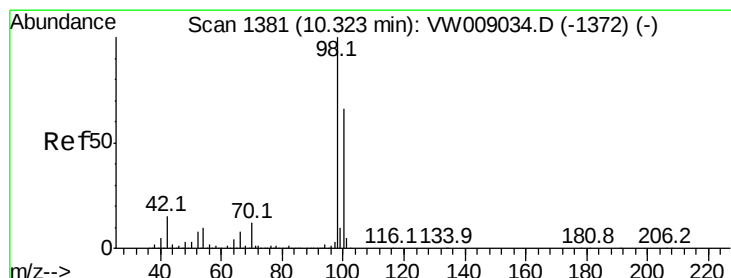
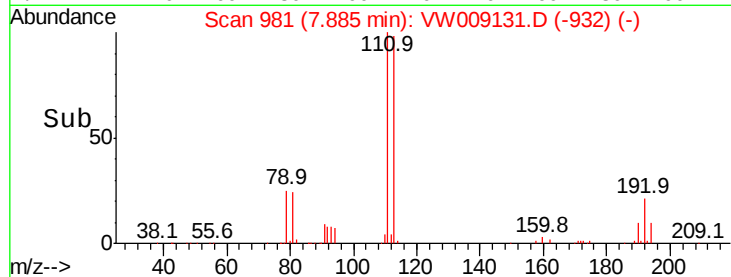
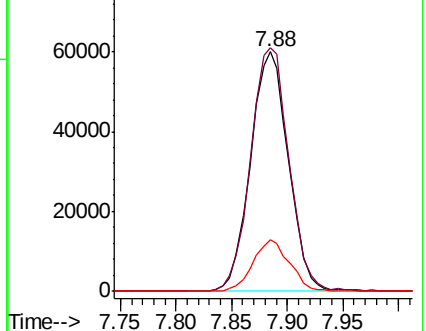
192 20.8 17.1 25.7



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



#50

Toluene-d8

Concen: 47.918 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009131.D

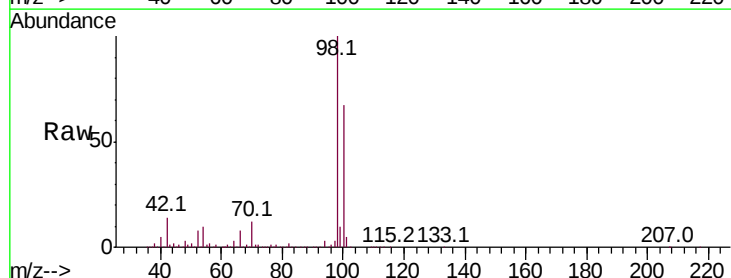
Acq: 12 Mar 2019 18:33

Tgt Ion: 98 Resp: 524204

Ion Ratio Lower Upper

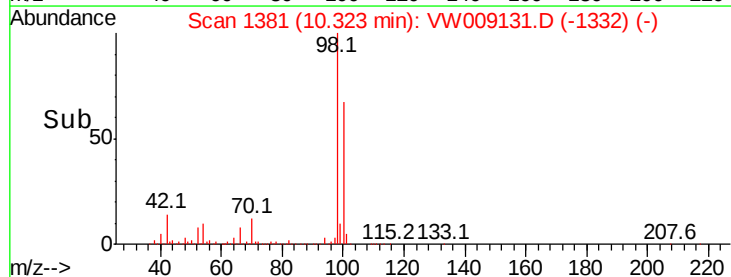
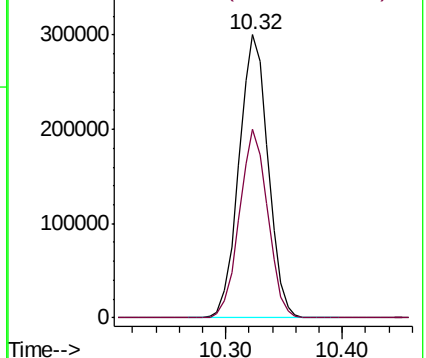
98 100

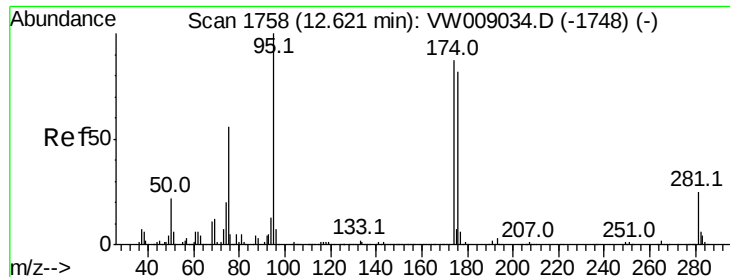
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

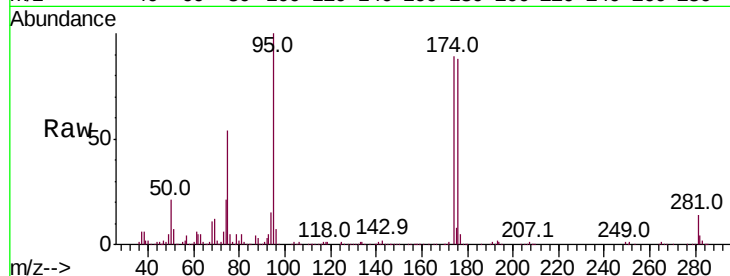




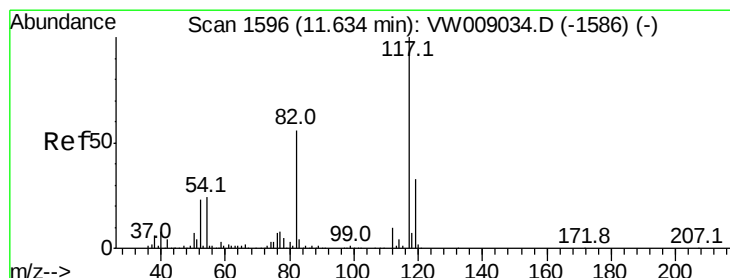
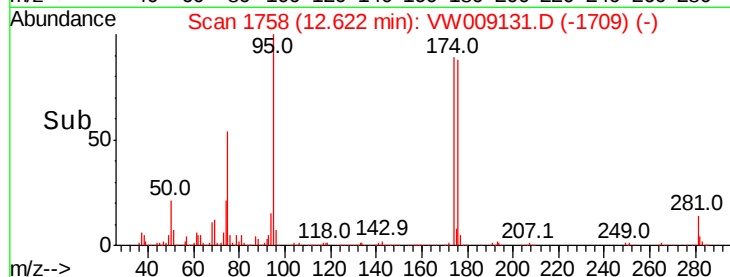
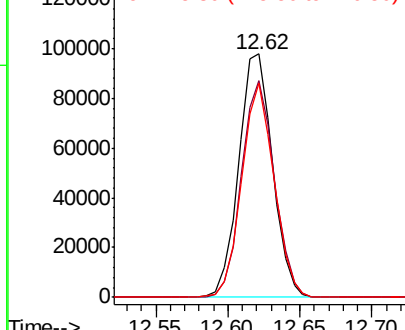
#62
4-Bromofluorobenzene
Concen: 36.971 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW009131.D
Acq: 12 Mar 2019 18:33

Instrument :
MSVOA_W
ClientSampleId :
OK-01-030819RE

Tot Ion: 95 Resp: 159216
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.0
176 83.8 0.0 159.4

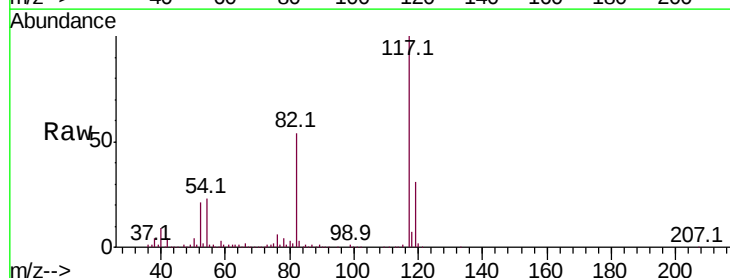


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

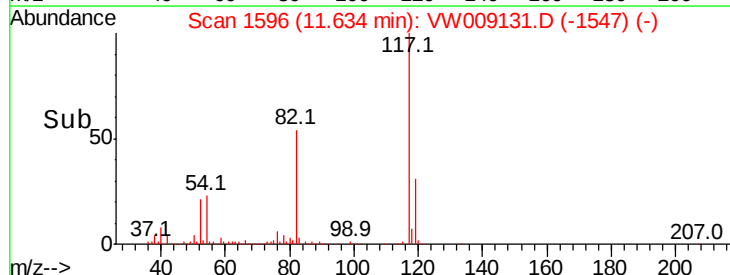
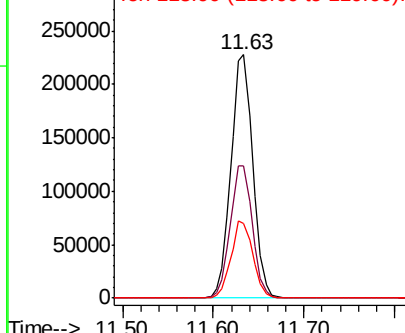


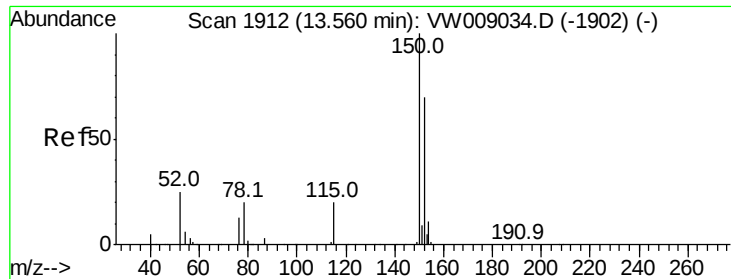
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009131.D
Acq: 12 Mar 2019 18:33

Tgt Ion: 117 Resp: 380635
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.6
119 30.8 26.6 39.8



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009131.D

Acq: 12 Mar 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

OK-01-030819RE

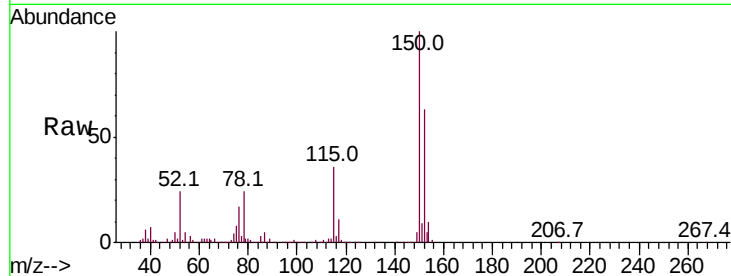
Tot Ion:152 Resp: 153605

Ion Ratio Lower Upper

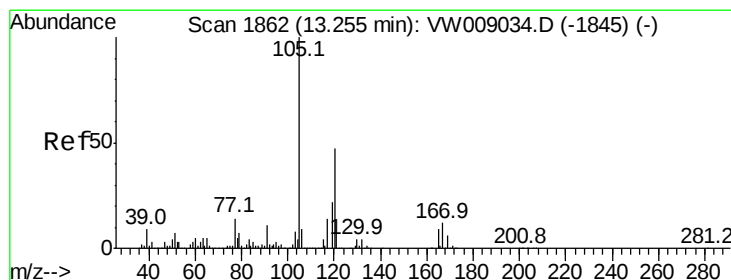
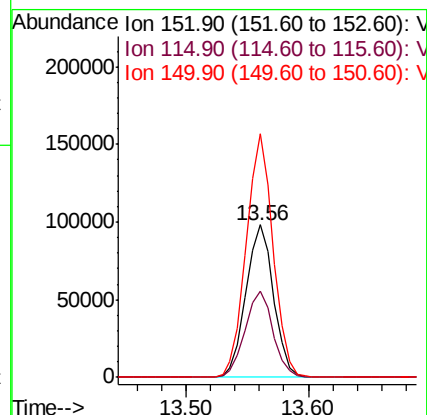
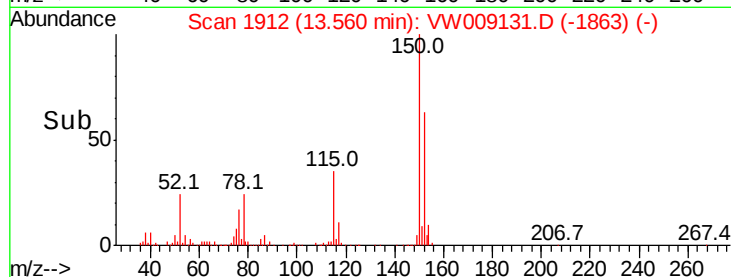
152 100

115 57.4 28.9 86.7

150 155.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 1.521 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW009131.D

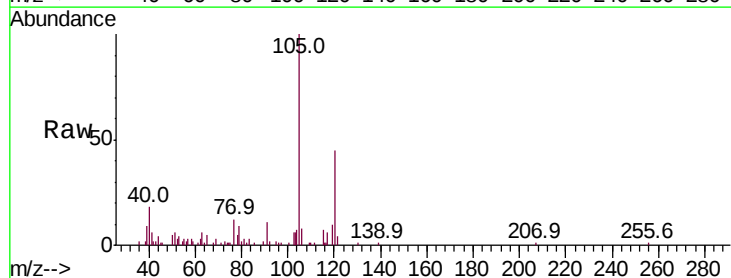
Acq: 12 Mar 2019 18:33

Tgt Ion:105 Resp: 14590

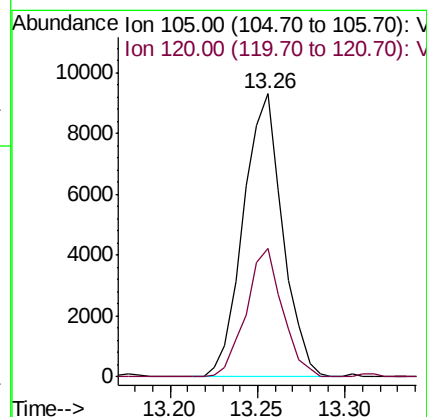
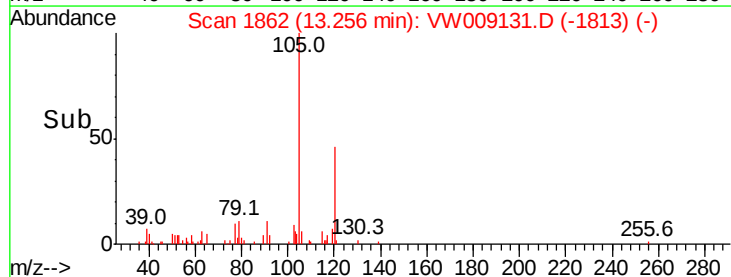
Ion Ratio Lower Upper

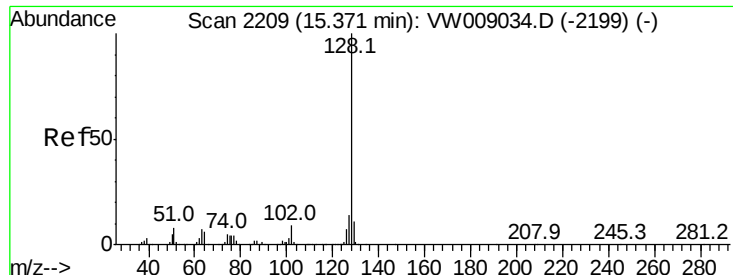
105 100

120 41.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 32.281 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009131.D

Acq: 12 Mar 2019 18:33

Instrument :

MSVOA_W

ClientSampleId :

OK-01-030819RE

Tot Ion:128 Resp: 166306

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.6

129 11.1 8.8 13.2

