

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011843.D
 Acq On : 12 Aug 2019 11:24
 Operator : SY/VA
 Sample : K4264-22
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 REACTOR-3-G4-(2)

Quant Time: Aug 13 08:06:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

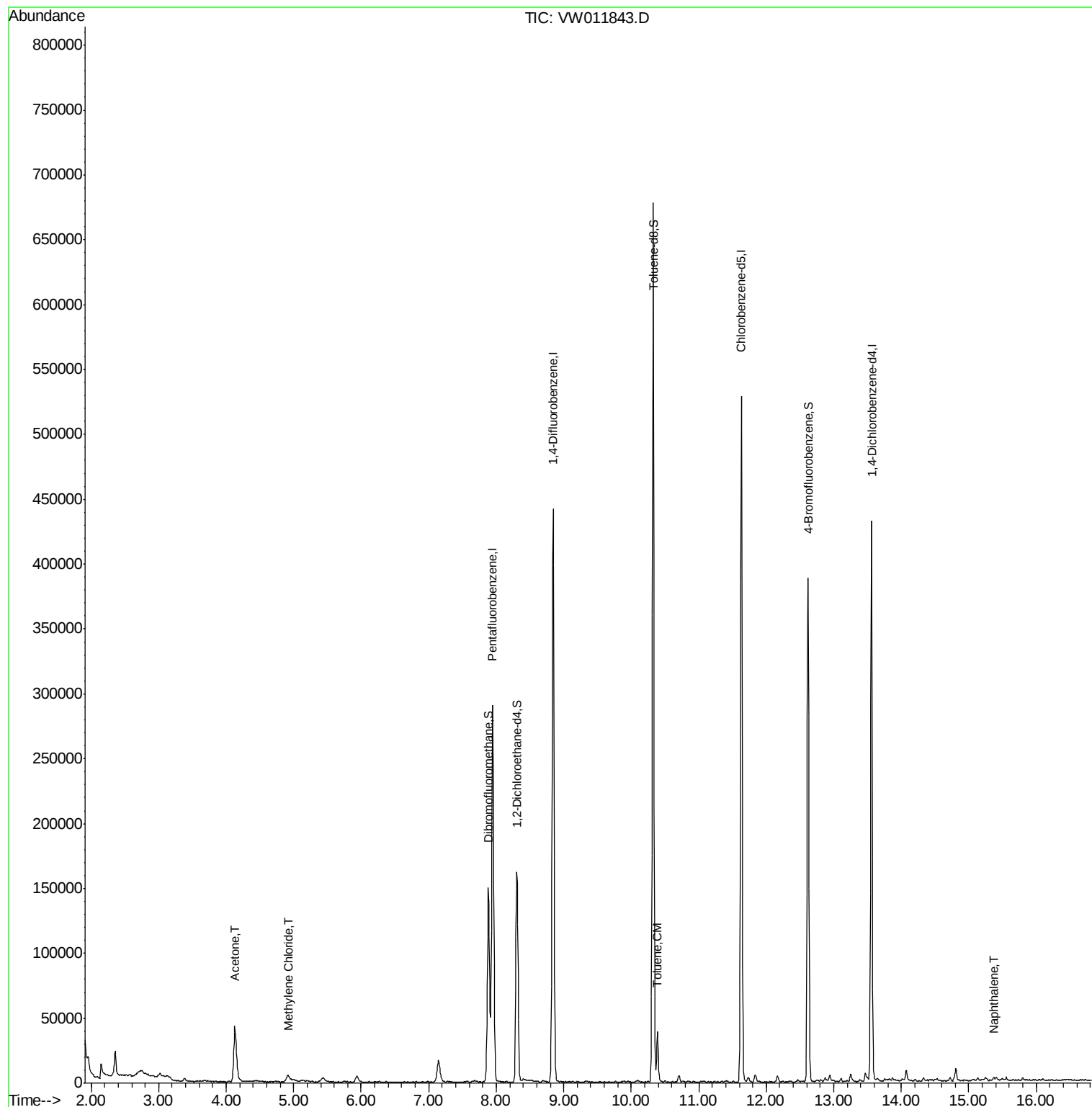
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	344464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132250	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	7.88	113	105920	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
50) Toluene-d8	10.32	98	422074	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.62	95	128883	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
16) Acetone	4.13	43	81653	107.119	ug/l	98
20) Methylene Chloride	4.92	84	3686	1.402	ug/l	93
52) Toluene	10.39	92	15728	2.596	ug/l	100
95) Naphthalene	15.37	128	1876	2.488	ug/l #	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011843.D

Acq: 12 Aug 2019 11:24

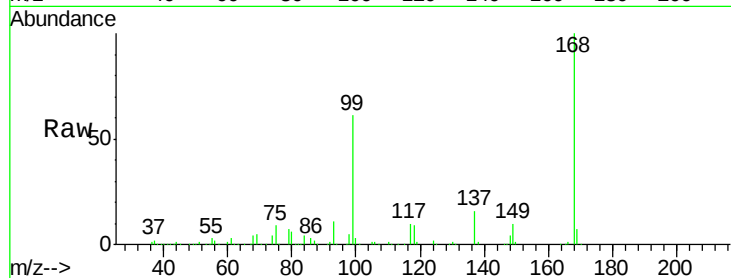
Instrument :
MSVOA_W
ClientSampleId :
REACTOR-3-G4-(2)

Tot Ion:168 Resp: 208689

Ion Ratio Lower Upper

168 100

99 60.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

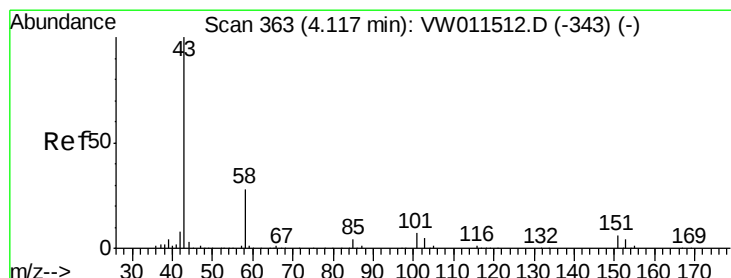
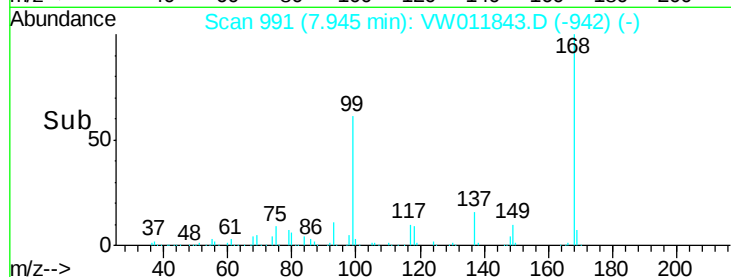
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 107.119 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011843.D

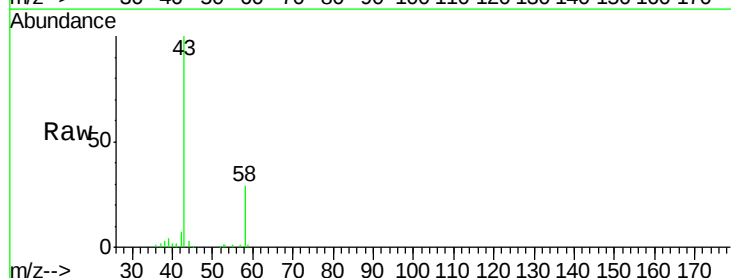
Acq: 12 Aug 2019 11:24

Tgt Ion: 43 Resp: 81653

Ion Ratio Lower Upper

43 100

58 29.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

30000

25000

20000

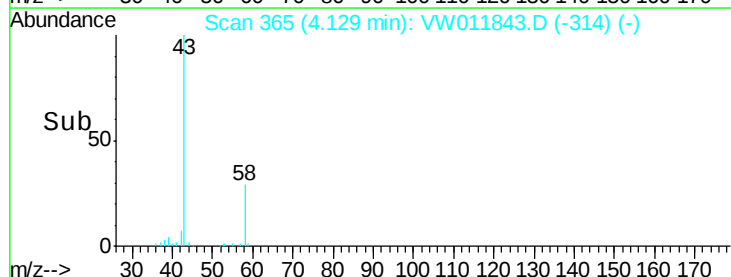
15000

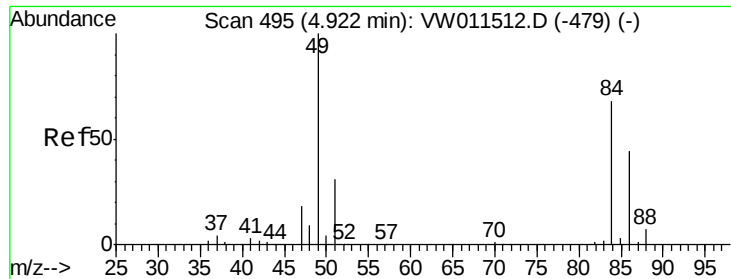
10000

5000

0

Time--> 4.00 4.10 4.20

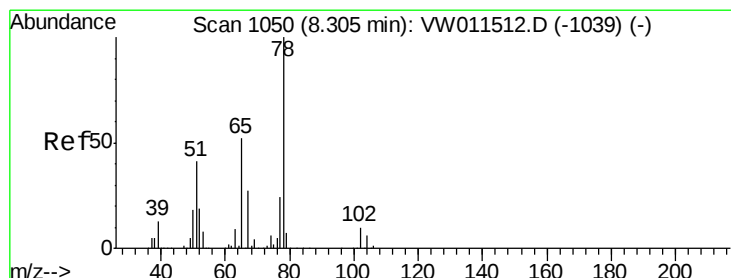
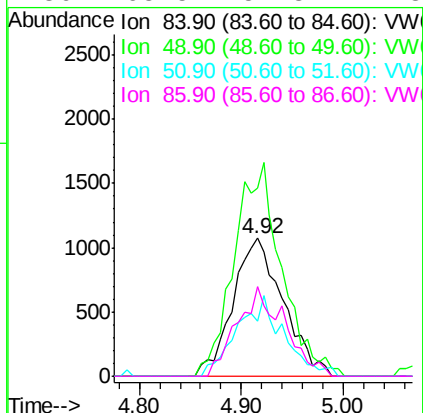
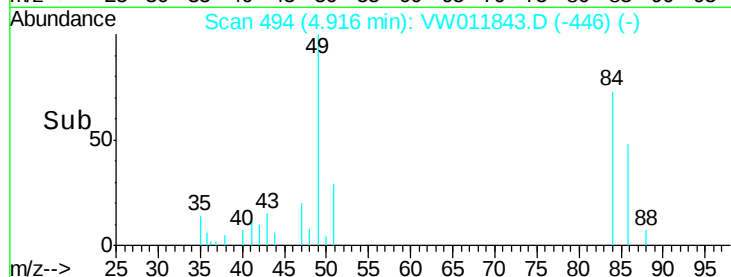
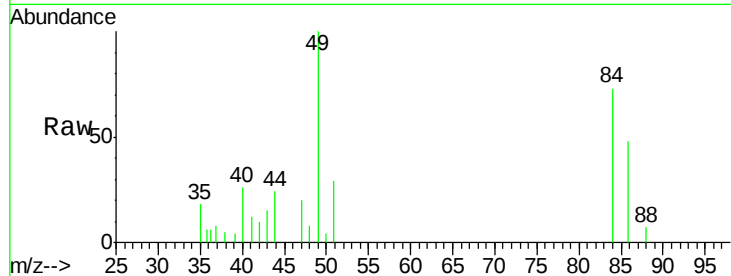




#20
Methvlene Chloride
Concen: 1.402 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011843.D
Acq: 12 Aug 2019 11:24

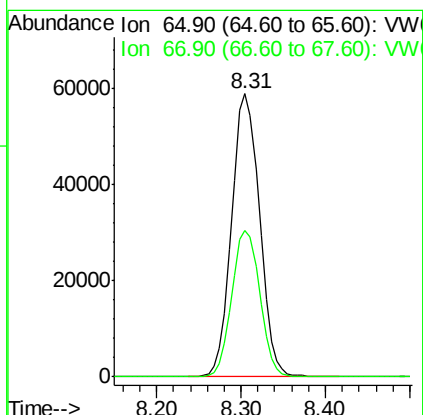
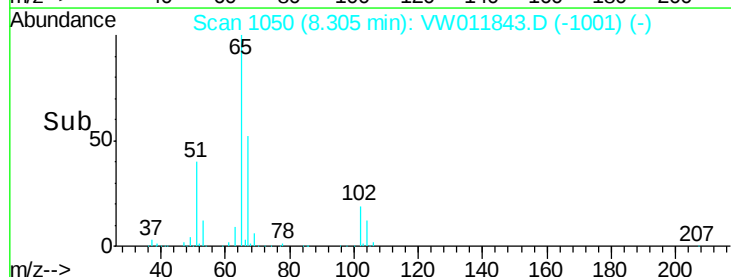
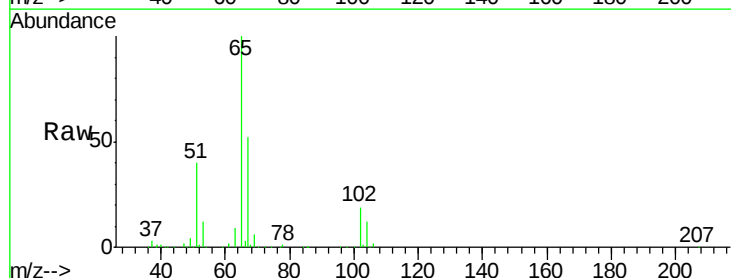
Instrument :
MSVOA_W
ClientSampleId :
REACTOR-3-G4-(2)

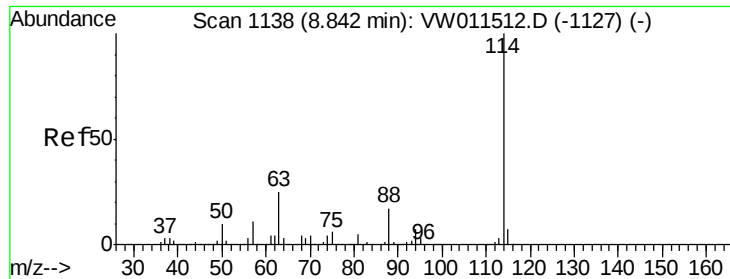
Tot Ion:	84	Resp:	3686
Ion	Ratio	Lower	Upper
84	100		
49	136.7	117.8	176.6
51	39.9	37.0	55.4
86	65.5	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 55.189 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011843.D
Acq: 12 Aug 2019 11:24

Tgt Ion:	65	Resp:	132250
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.2

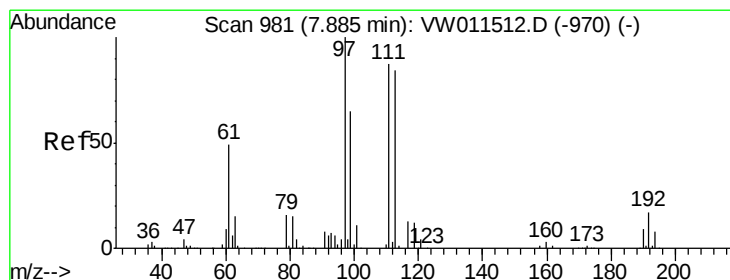
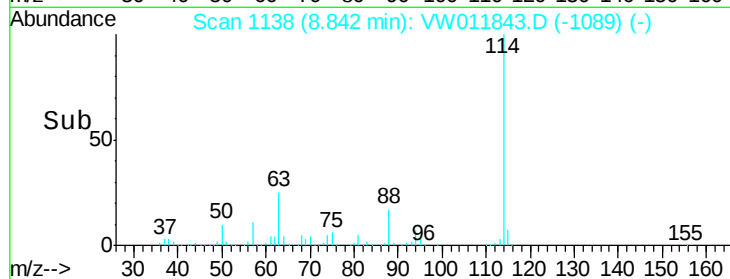
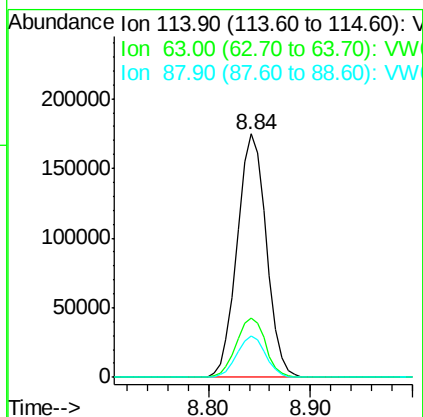
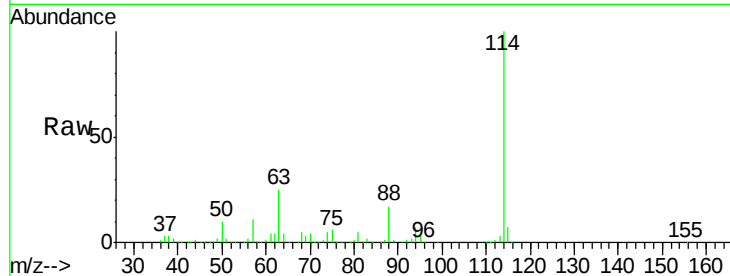




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011843.D
 Acq: 12 Aug 2019 11:24

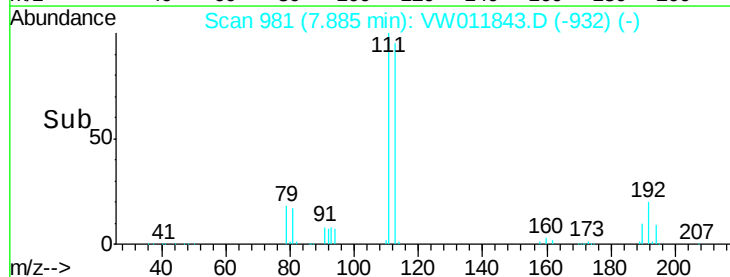
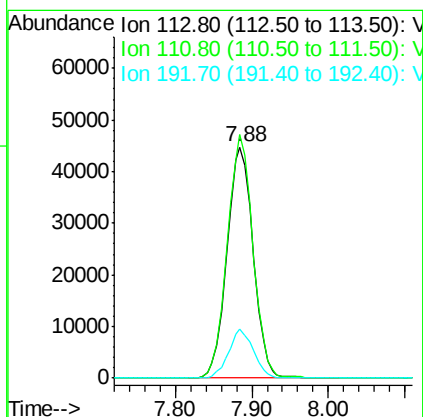
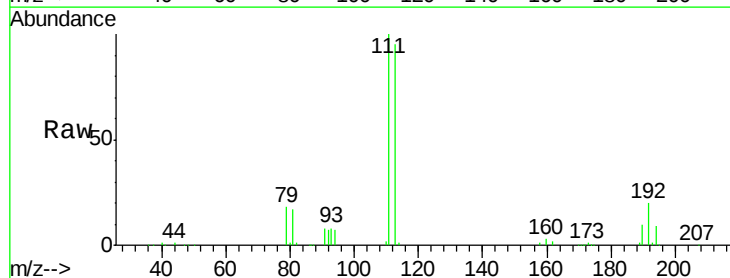
Instrument :
 MSVOA_W
 ClientSampleId :
 REACTOR-3-G4-(2)

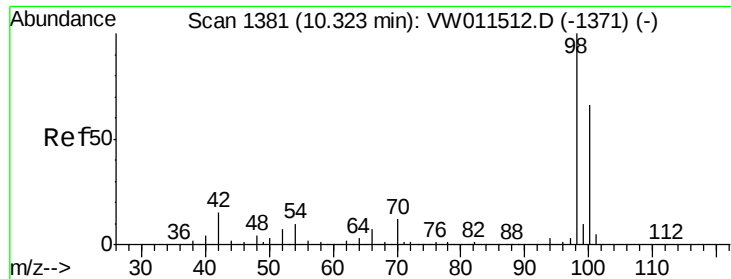
Tot Ion:114 Resp: 344464
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.1 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 54.810 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011843.D
 Acq: 12 Aug 2019 11:24

Tgt Ion:113 Resp: 105920
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.2 16.1 24.1

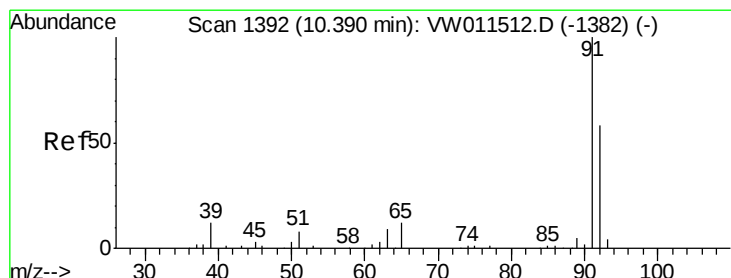
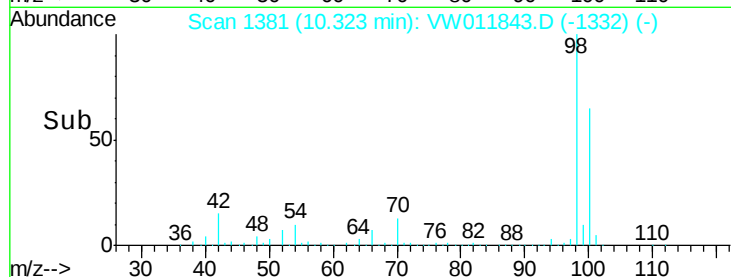
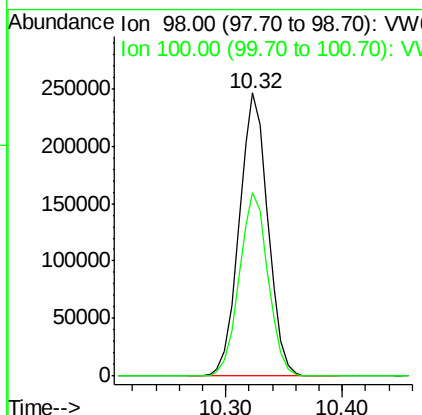
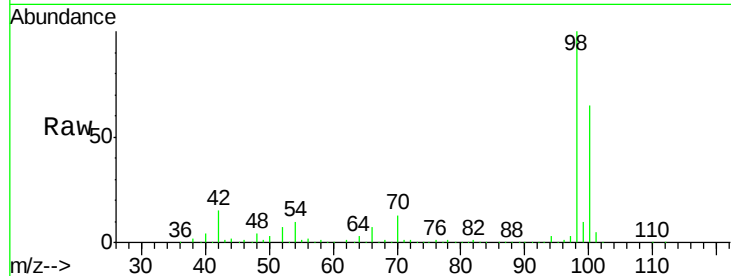




#50
Toluene-d8
Concen: 53.344 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011843.D
Acq: 12 Aug 2019 11:24

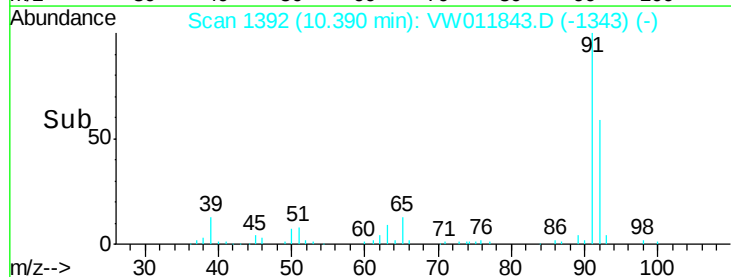
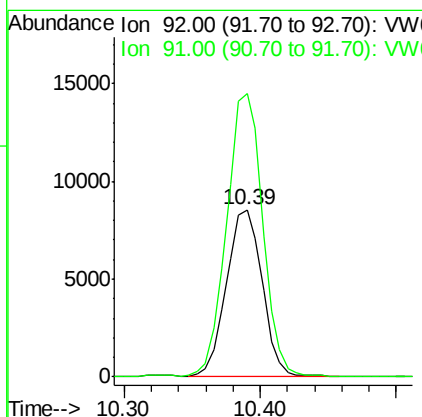
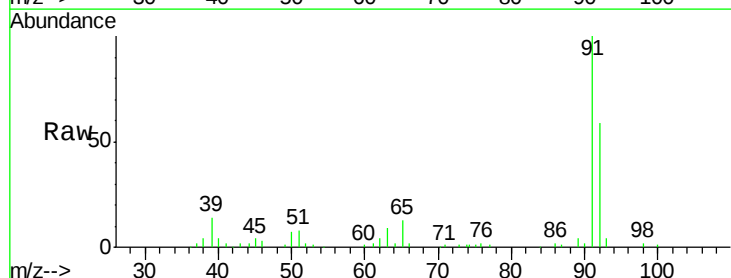
Instrument :
MSVOA_W
ClientSampleId :
REACTOR-3-G4-(2)

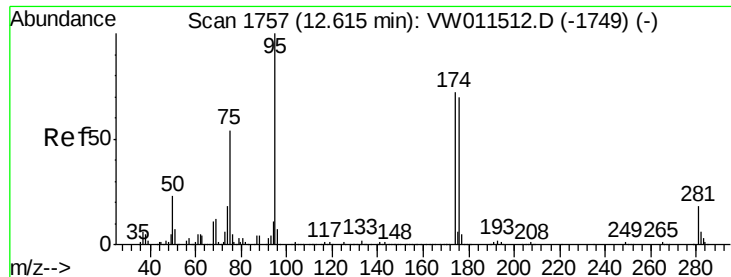
Tot Ion: 98 Resp: 422074
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#52
Toluene
Concen: 2.596 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011843.D
Acq: 12 Aug 2019 11:24

Tgt Ion: 92 Resp: 15728
Ion Ratio Lower Upper
92 100
91 170.2 136.7 205.1

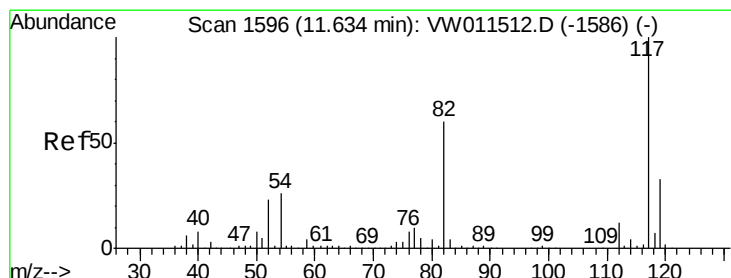
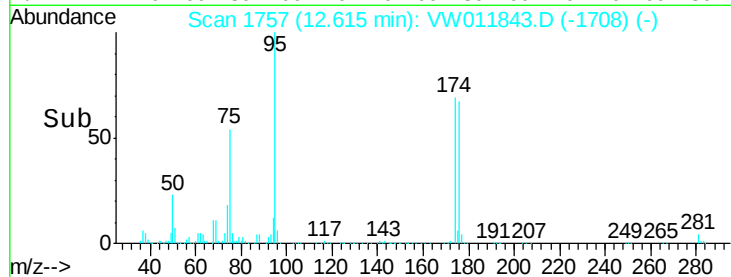
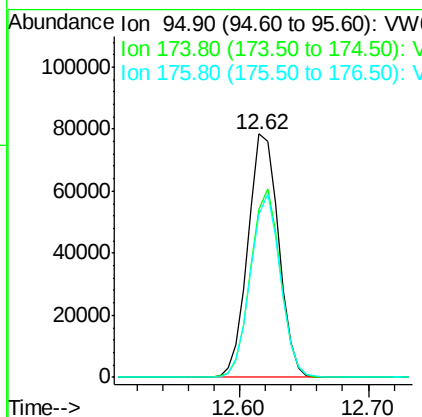
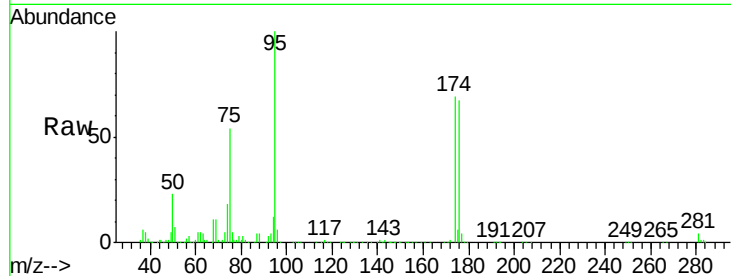




#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011843.D
Acq: 12 Aug 2019 11:24

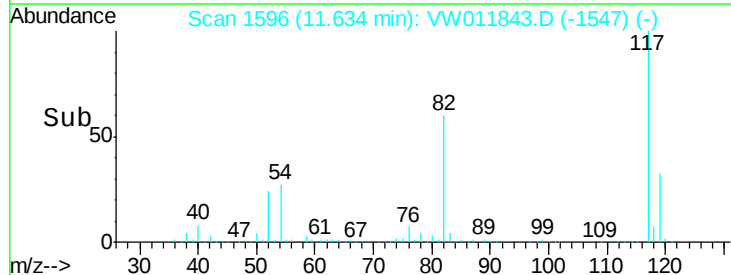
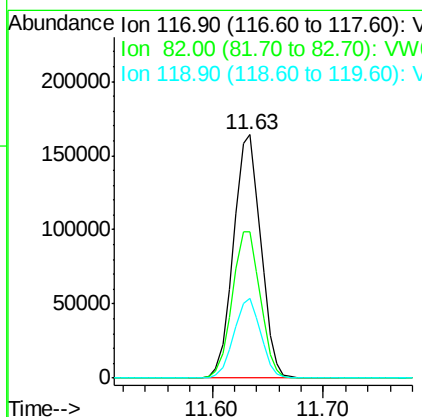
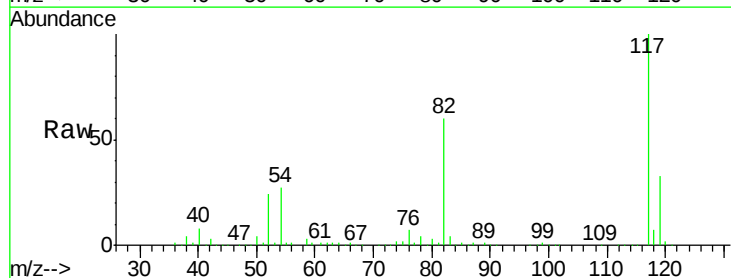
Instrument :
MSVOA_W
ClientSampleId :
REACTOR-3-G4-(2)

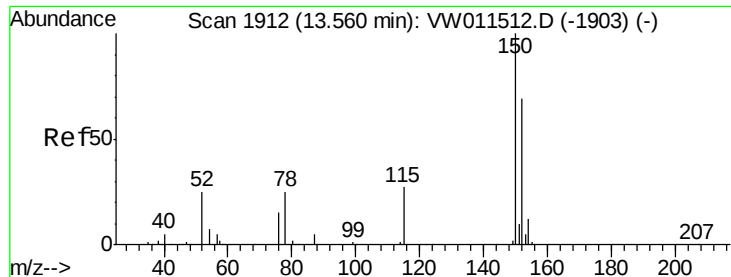
Tot Ion: 95 Resp: 128883
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 73.3 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011843.D
Acq: 12 Aug 2019 11:24

Tgt Ion: 117 Resp: 278256
Ion Ratio Lower Upper
117 100
82 60.0 47.9 71.9
119 32.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011843.D

Acq: 12 Aug 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

REACTOR-3-G4-(2)

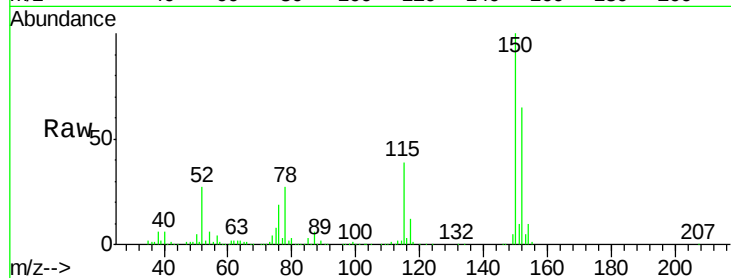
Tot Ion:152 Resp: 107938

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

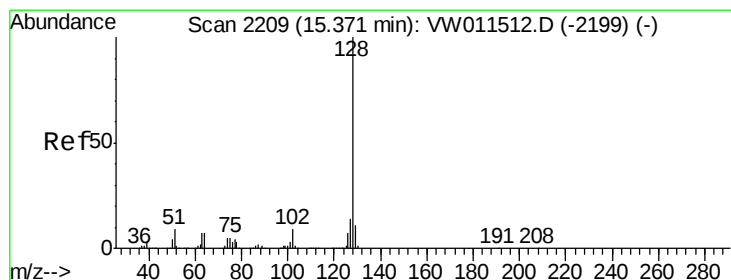
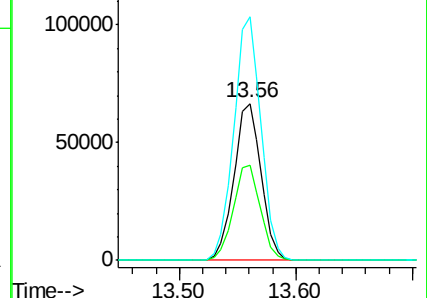
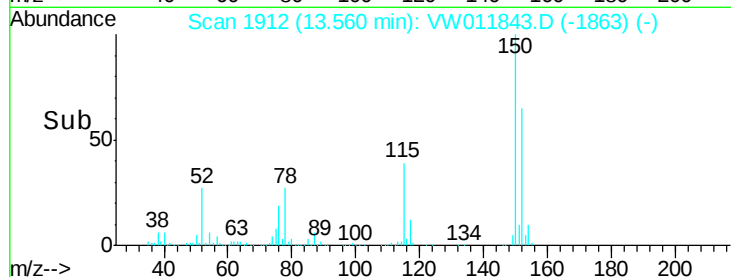
150 155.2 0.0 352.6



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



#95

Naphthalene

Concen: 2.488 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW011843.D

Acq: 12 Aug 2019 11:24

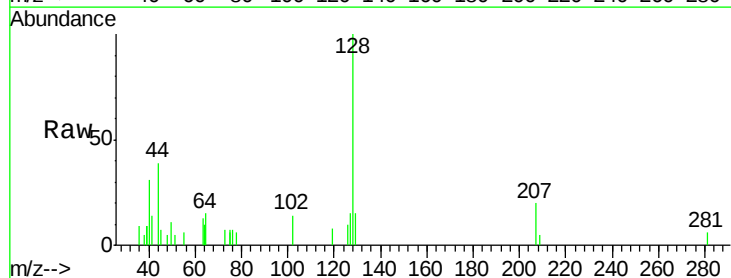
Tgt Ion:128 Resp: 1876

Ion Ratio Lower Upper

128 100

127 14.9 10.6 16.0

129 7.6 8.6 13.0#



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

