

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012008.D
 Acq On : 19 Aug 2019 23:29
 Operator : SY/VA
 Sample : K4386-03
 Misc : 5.53G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E4-(0)

Quant Time: Aug 20 06:46:53 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

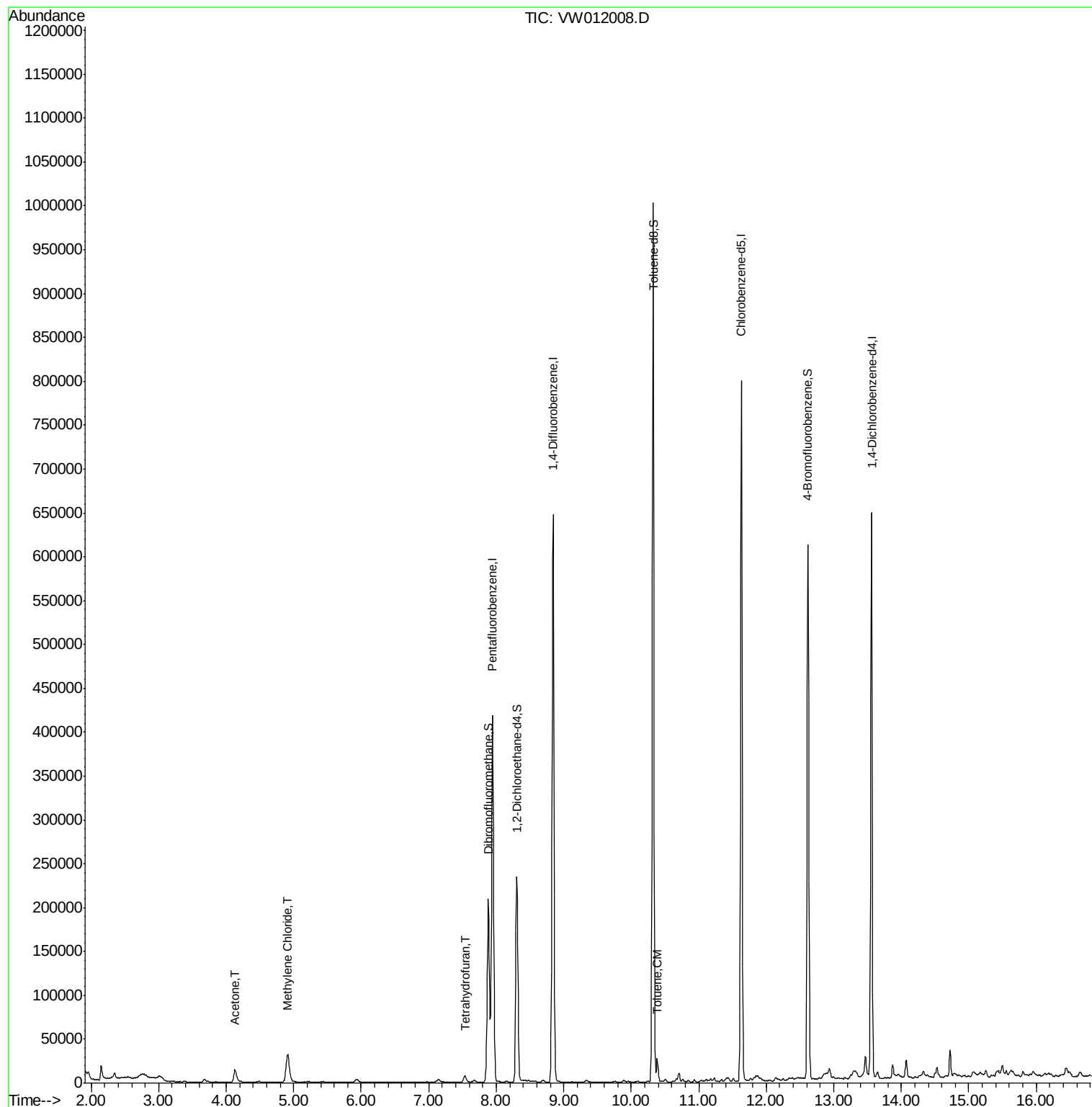
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	304388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	509465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	429992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	185865	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
35) Dibromofluoromethane	7.88	113	150828	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
50) Toluene-d8	10.32	98	630208	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	12.62	95	200656	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
16) Acetone	4.13	43	28534	25.664	ug/l	99
20) Methylene Chloride	4.91	84	23631	6.163	ug/l	97
29) Tetrahydrofuran	7.54	42	7082	8.516	ug/l	97
52) Toluene	10.39	92	10366	1.157	ug/l	99

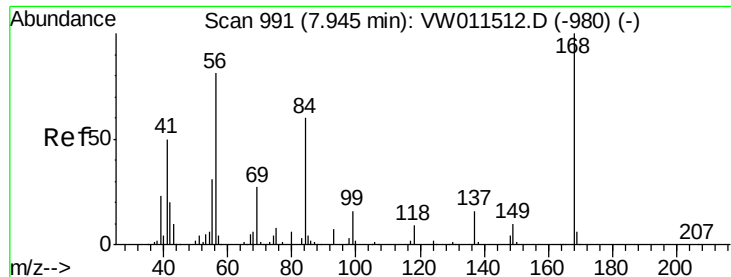
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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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: VW012008.D

Acq: 19 Aug 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

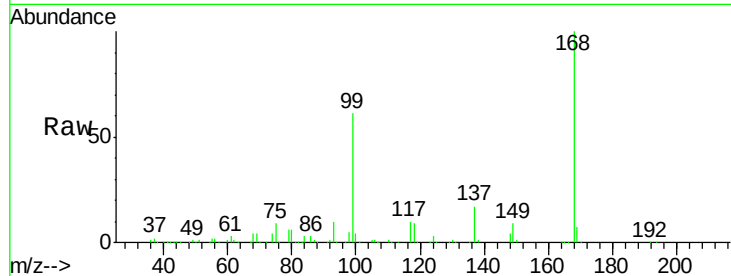
T8-E4(0)

Tot Ion:168 Resp: 304388

Ion Ratio Lower Upper

168 100

99 60.6 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

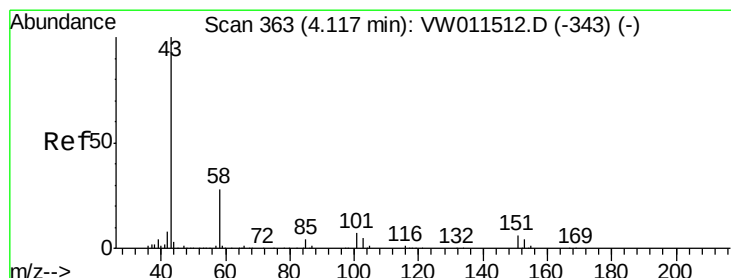
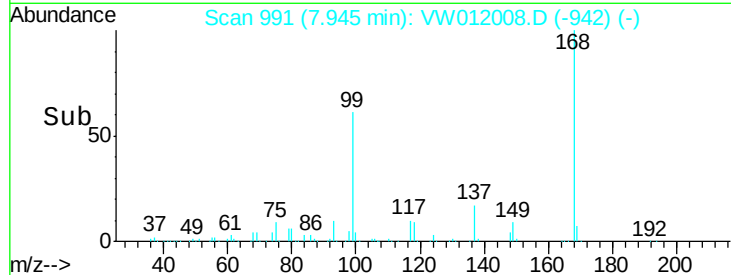
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 25.664 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012008.D

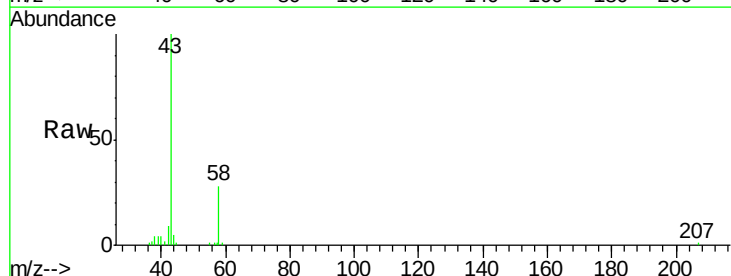
Acq: 19 Aug 2019 23:29

Tgt Ion: 43 Resp: 28534

Ion Ratio Lower Upper

43 100

58 28.2 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

10000

8000

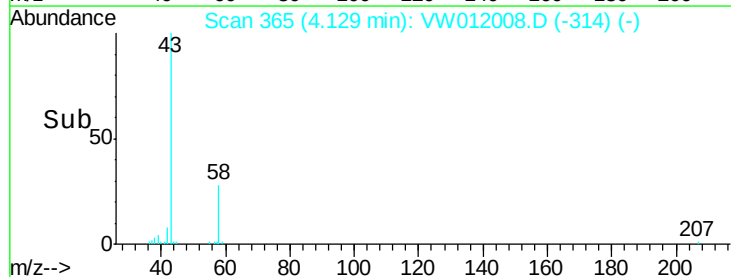
6000

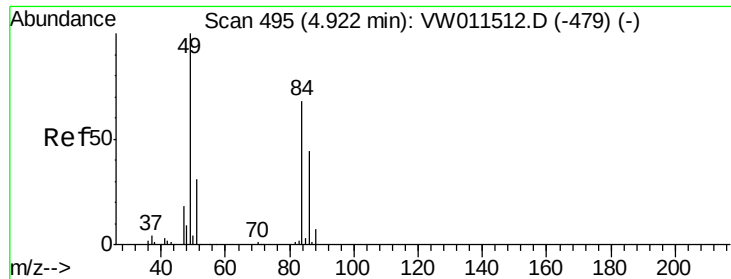
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

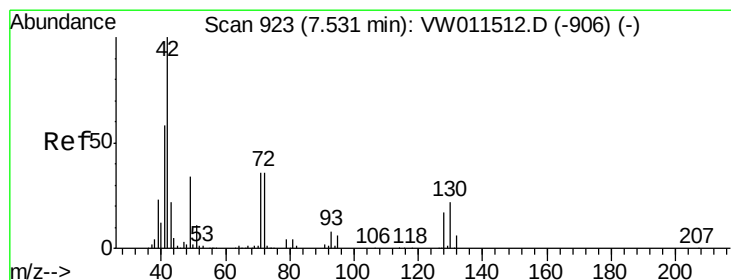
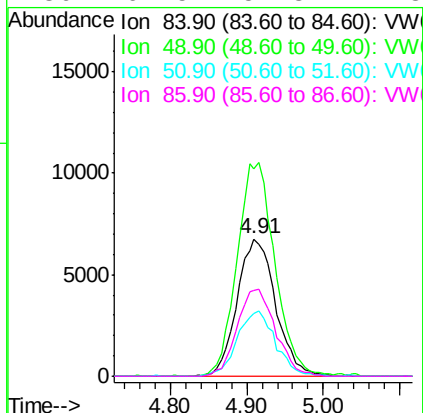
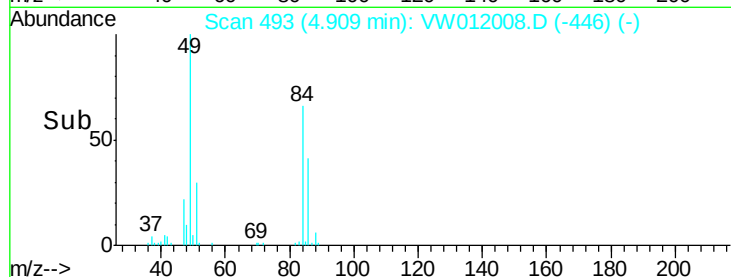
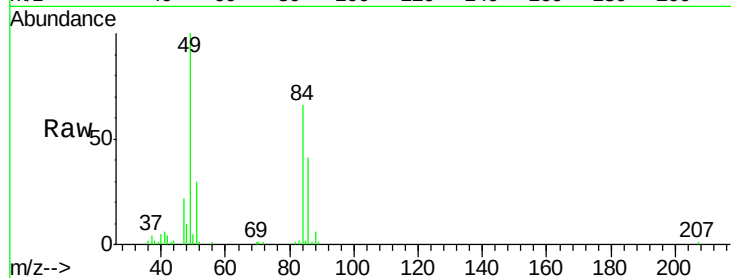




#20
Methylene Chloride
Concen: 6.163 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012008.D
Acq: 19 Aug 2019 23:29

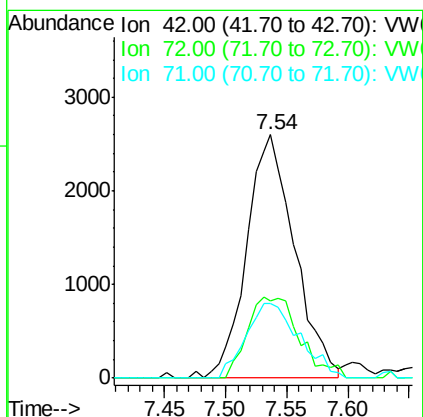
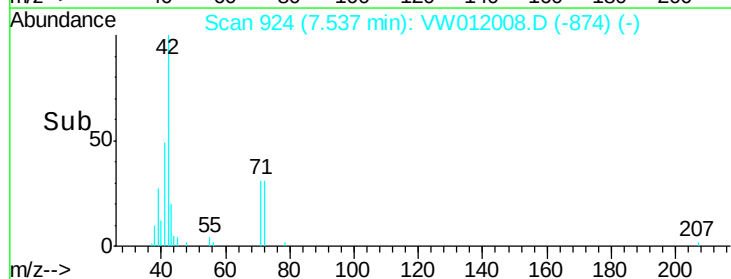
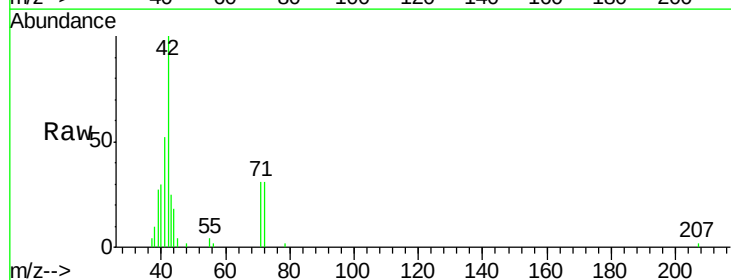
Instrument :
MSVOA_W
ClientSampleId :
T8-E4-(0)

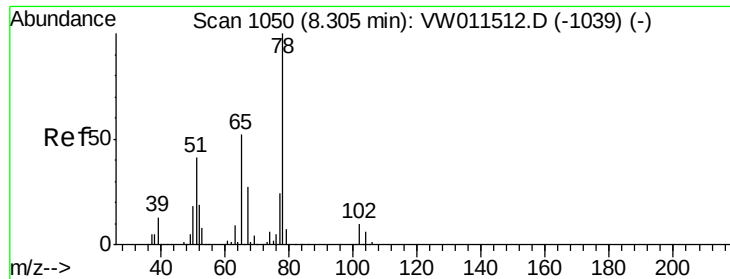
Tot Ion:	84	Resp:	23631
Ion	Ratio	Lower	Upper
84	100		
49	151.6	117.8	176.6
51	45.3	37.0	55.4
86	62.5	51.8	77.8



#29
Tetrahydrofuran
Concen: 8.516 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012008.D
Acq: 19 Aug 2019 23:29

Tgt Ion:	42	Resp:	7082
Ion	Ratio	Lower	Upper
42	100		
72	35.8	27.1	40.7
71	34.2	26.2	39.4

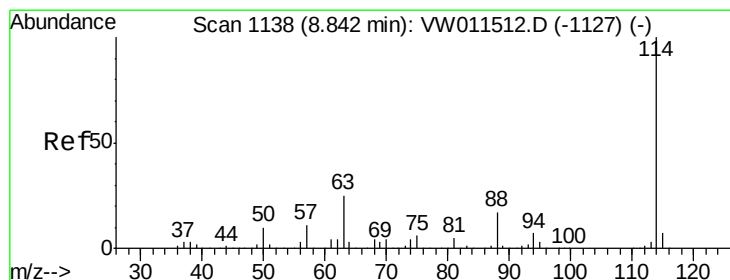
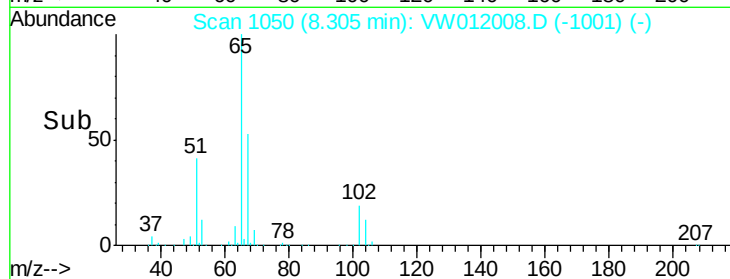
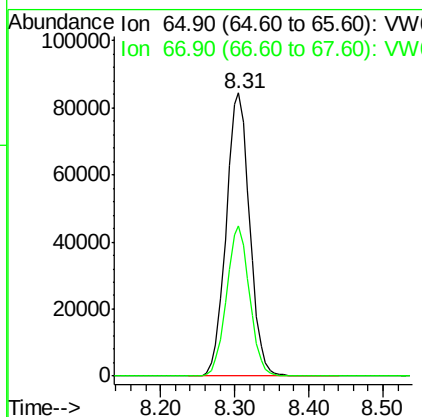
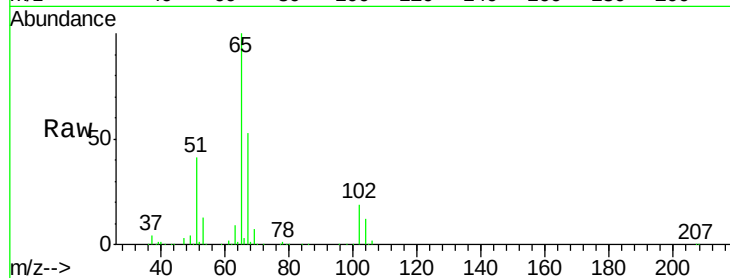




#33
 1,2-Dichloroethane-d4
 Concen: 53.177 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012008.D
 Acq: 19 Aug 2019 23:29

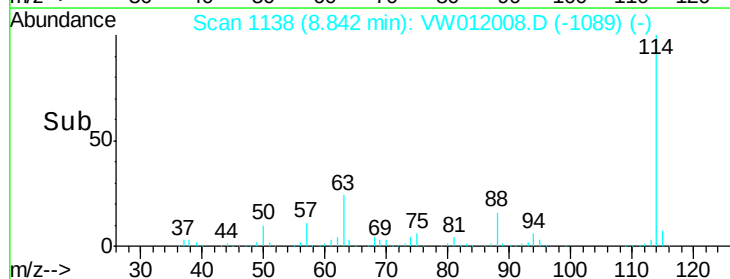
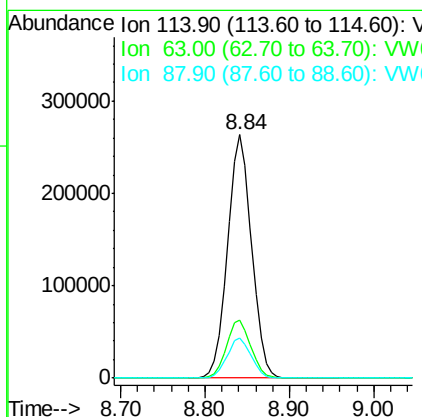
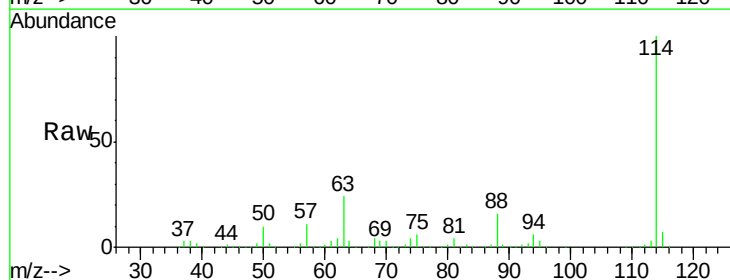
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E4-(0)

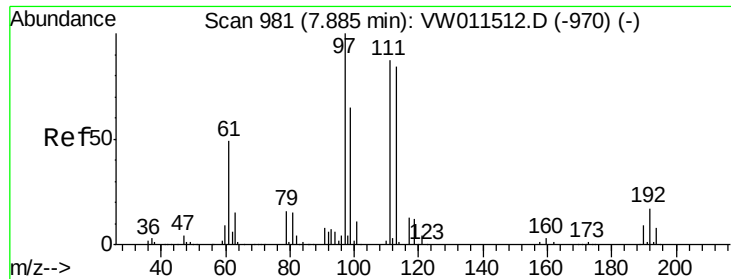
Tot Ion: 65 Resp: 185865
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012008.D
 Acq: 19 Aug 2019 23:29

Tgt Ion: 114 Resp: 509465
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 49.2
 88 16.4 0.0 33.8

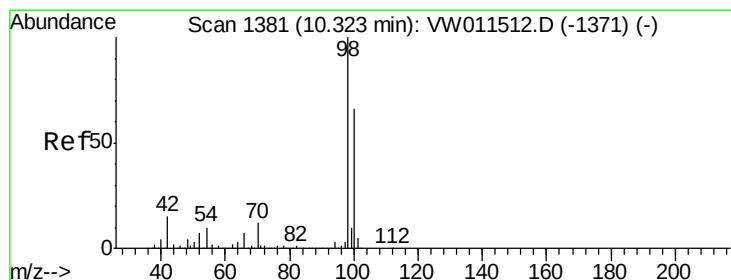
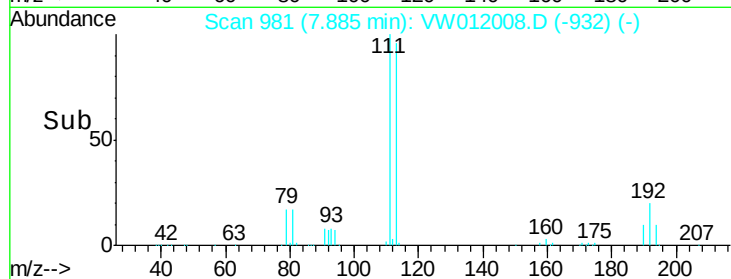
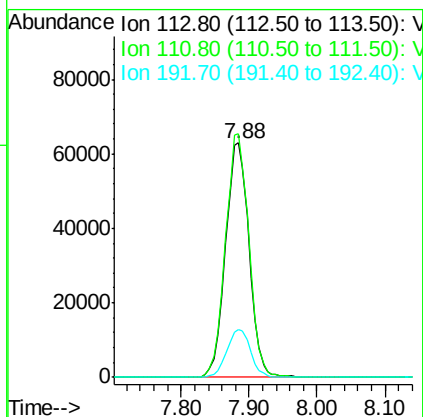
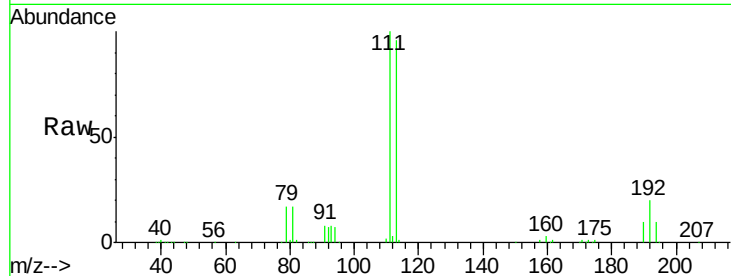




#35
 Dibromofluoromethane
 Concen: 52.770 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012008.D
 Acq: 19 Aug 2019 23:29

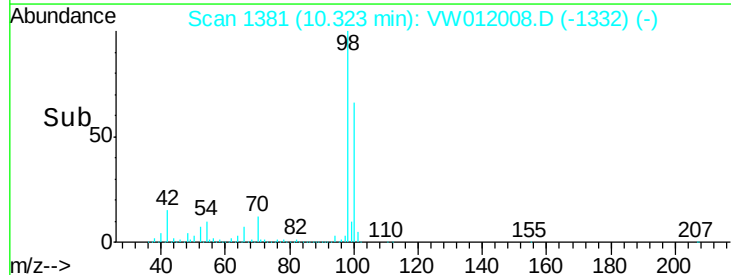
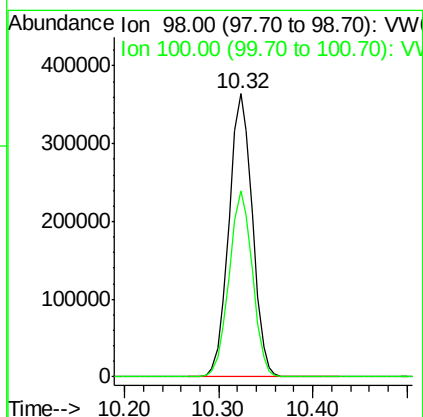
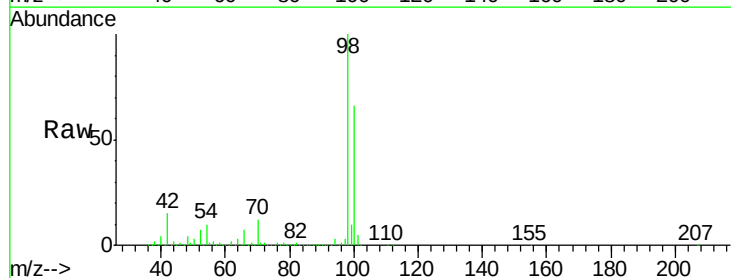
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E4-(0)

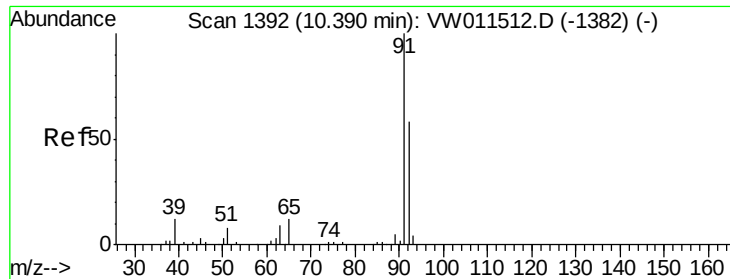
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.6	16.1	24.1



#50
 Toluene-d8
 Concen: 53.854 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012008.D
 Acq: 19 Aug 2019 23:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1





#52

Toluene

Concen: 1.157 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012008.D

Acq: 19 Aug 2019 23:29

Instrument :

MSVOA_W

ClientSampleId :

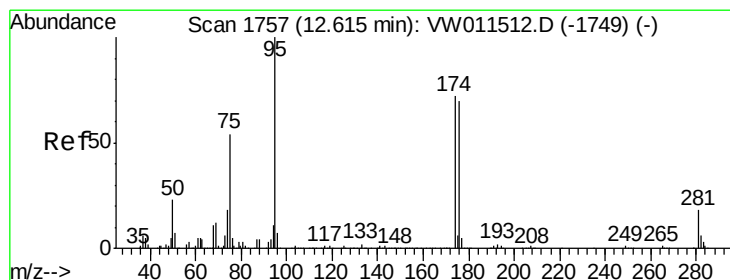
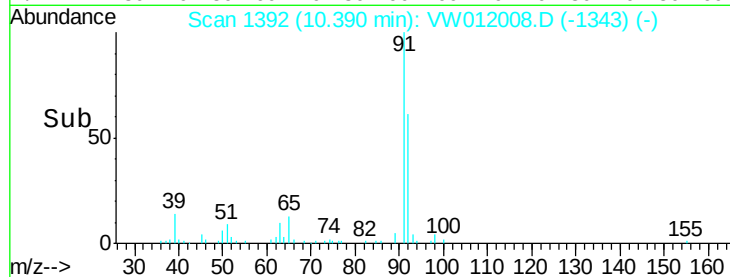
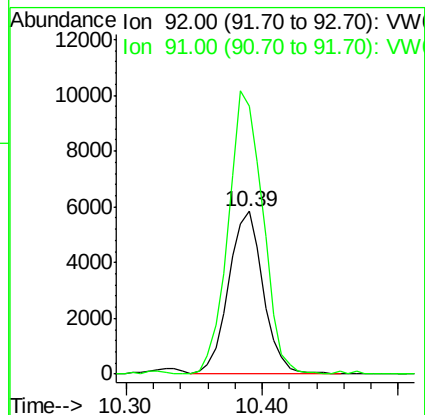
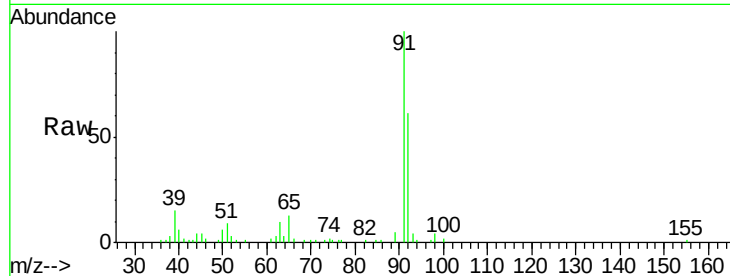
T8-E4-(0)

Tot Ion: 92 Resp: 10366

Ion Ratio Lower Upper

92 100

91 172.9 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 48.095 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012008.D

Acq: 19 Aug 2019 23:29

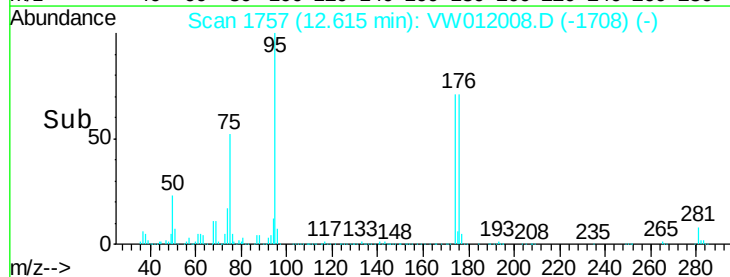
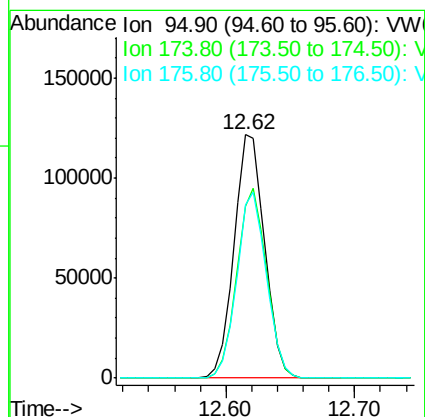
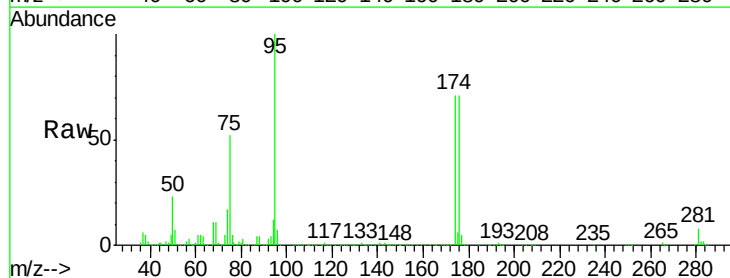
Tgt Ion: 95 Resp: 200656

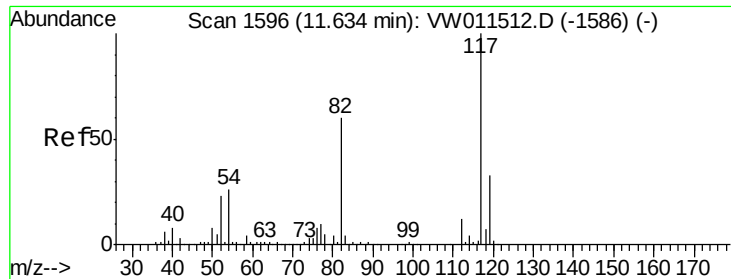
Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

176 74.0 0.0 144.4

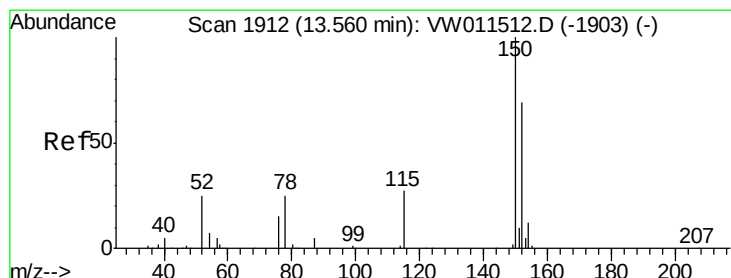
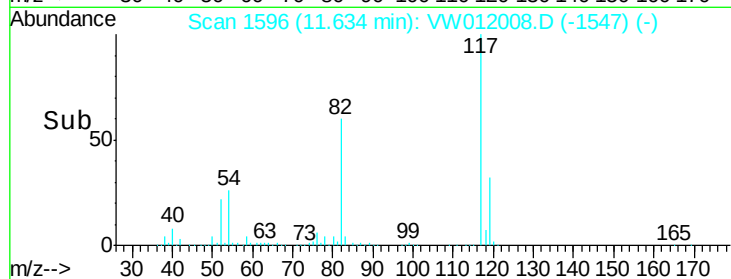
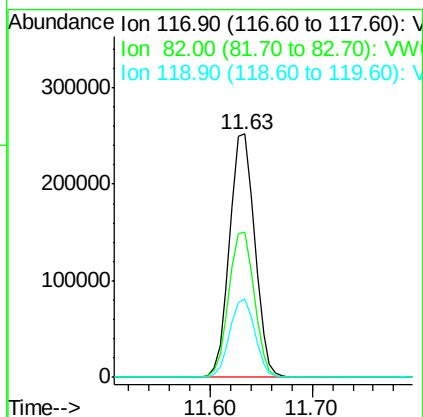
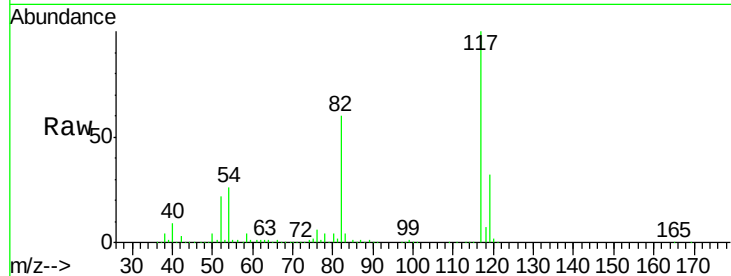




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012008.D
Acq: 19 Aug 2019 23:29

Instrument :
MSVOA_W
ClientSampleId :
T8-E4-(0)

Tot Ion:117 Resp: 429992
Ion Ratio Lower Upper
117 100
82 59.7 47.9 71.9
119 32.1 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: VW012008.D
Acq: 19 Aug 2019 23:29

Tgt Ion:152 Resp: 162042
Ion Ratio Lower Upper
152 100
115 60.6 30.5 91.5
150 156.7 0.0 352.6

