

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014506.D
 Acq On : 03 Jan 2020 18:38
 Operator : SY/VA
 Sample : L1011-01
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-0-1-GRAB-B3

Quant Time: Jan 06 01:01:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

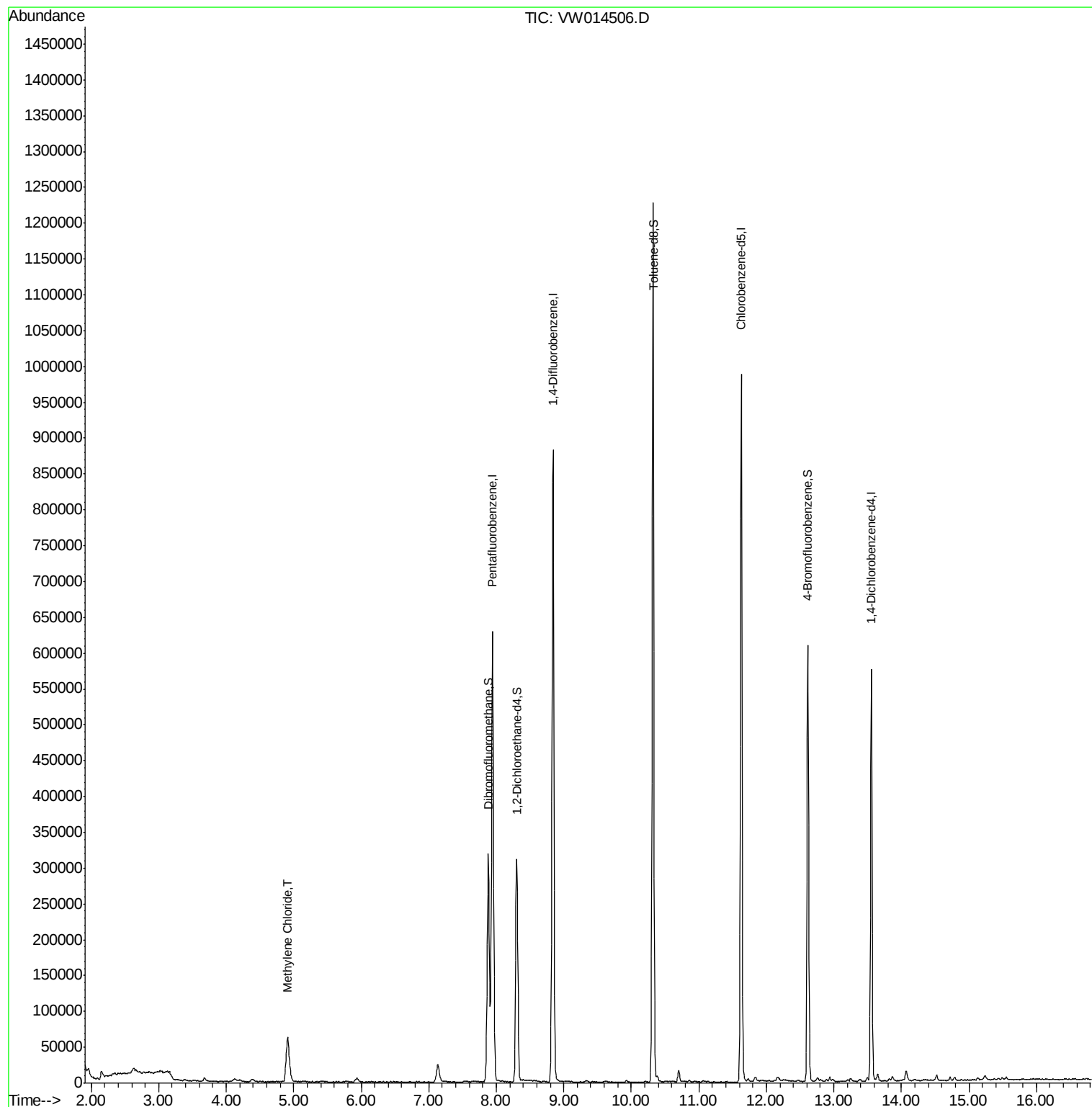
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	500044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	769232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	577706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	246279	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
35) Dibromofluoromethane	7.88	113	232026	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
50) Toluene-d8	10.32	98	834754	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
62) 4-Bromofluorobenzene	12.62	95	198933	31.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.94%	
Target Compounds						
20) Methylene Chloride	4.91	84	52614	6.617	ug/l	Qvalue 95

(#) = 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: VW014506.D

Acq: 03 Jan 2020 18:38

Instrument :

MSVOA_W

ClientSampleId :

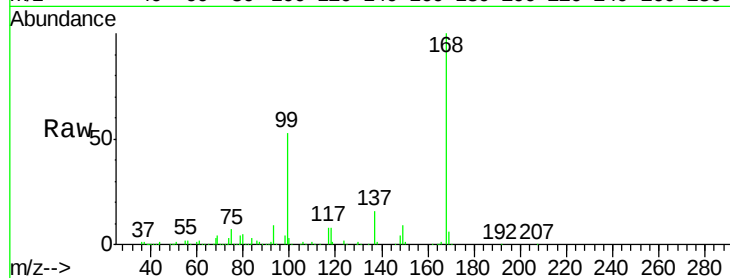
MC-010220-0-1-GRAB-B3

Tot Ion:168 Resp: 500044

Ion Ratio Lower Upper

168 100

99 53.3 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

100000

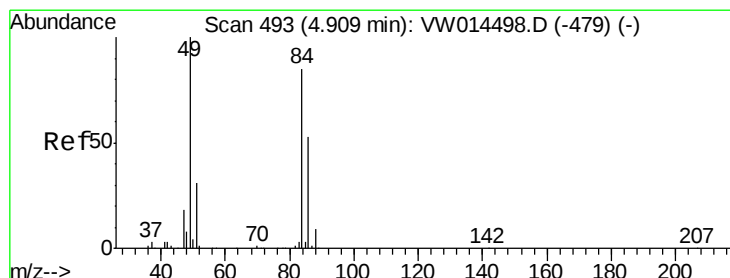
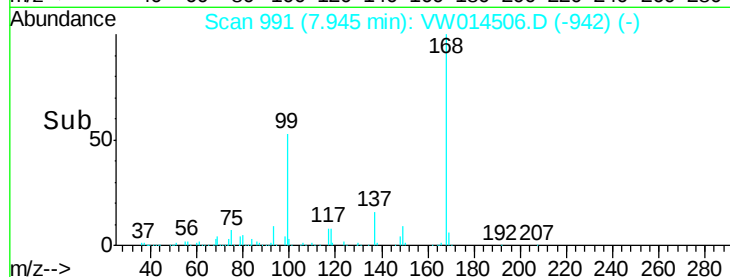
50000

0

7.90

8.00

Time-->



#20

Methylene Chloride

Concen: 6.617 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014506.D

Acq: 03 Jan 2020 18:38

Tgt Ion: 84 Resp: 52614

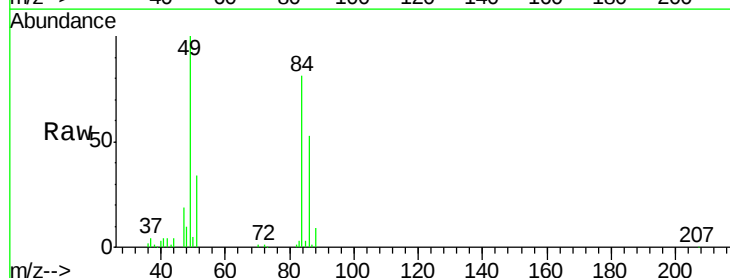
Ion Ratio Lower Upper

84 100

49 122.7 94.4 141.6

51 41.3 29.5 44.3

86 65.4 50.2 75.2



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

25000

20000

15000

10000

5000

0

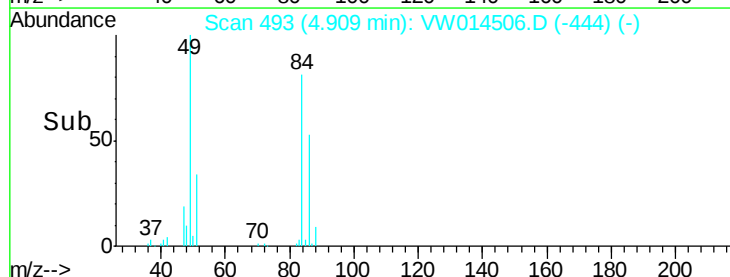
4.80

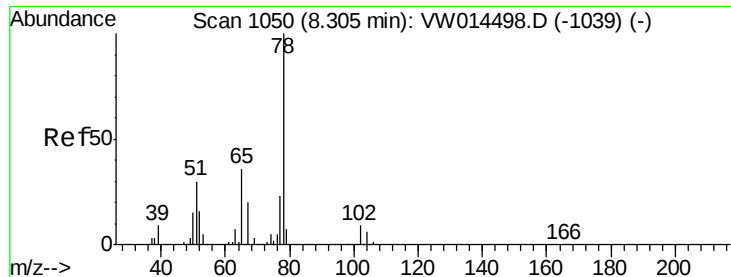
4.90

5.00

5.10

Time-->

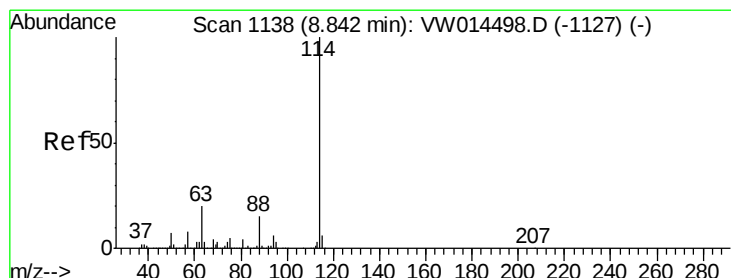
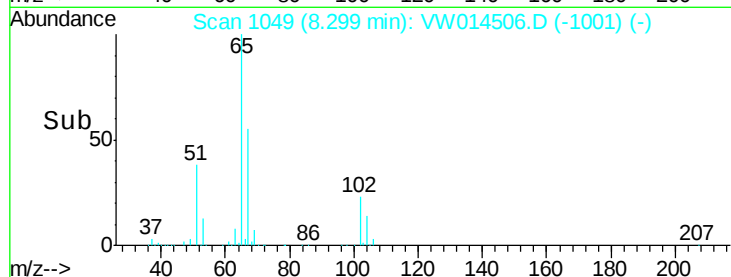
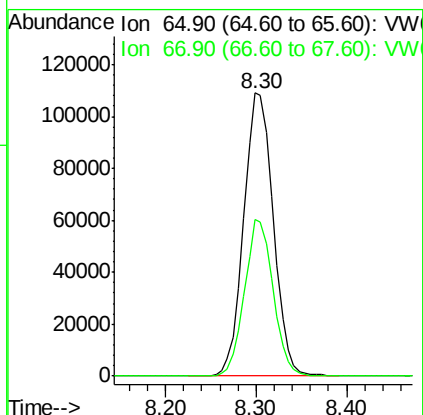
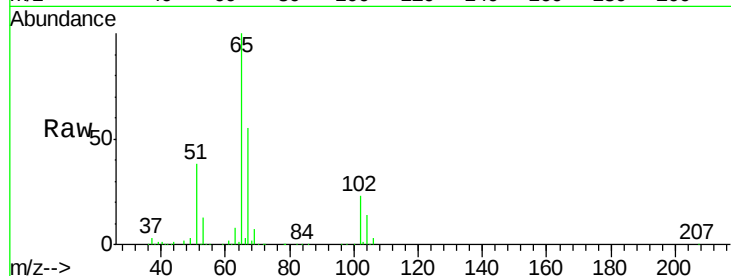




#33
 1,2-Dichloroethane-d4
 Concen: 56.332 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

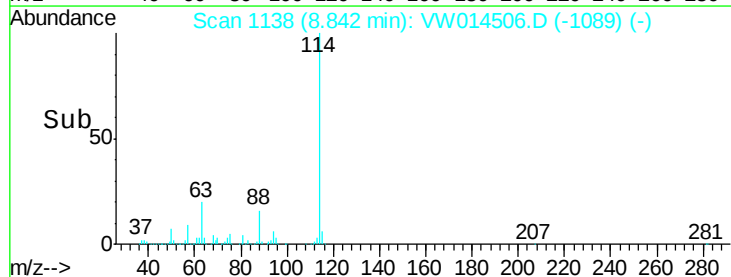
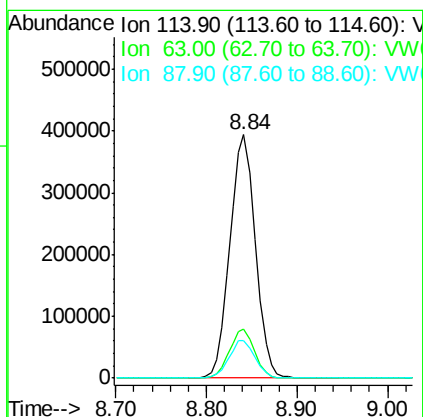
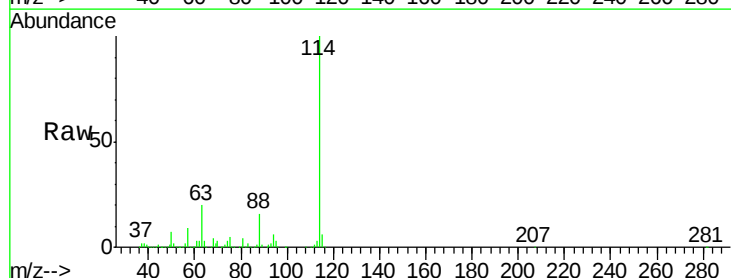
Instrument :
 MSVOA_W
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 MC-010220-0-1-GRAB-B3

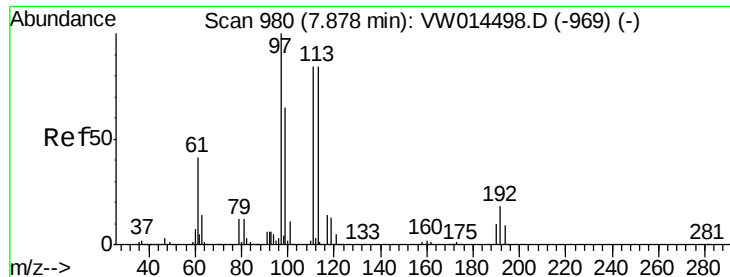
Tot Ion: 65 Resp: 246279
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014506.D
 Acq: 03 Jan 2020 18:38

Tgt Ion: 114 Resp: 769232
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.4
 88 15.5 0.0 30.6

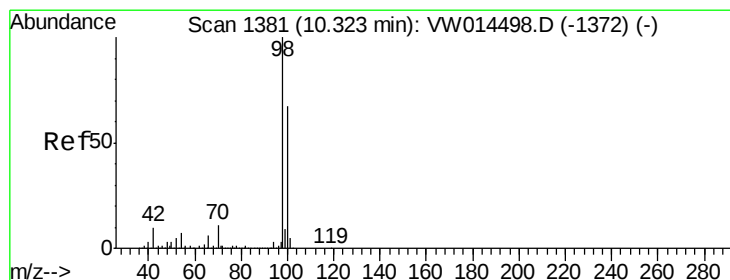
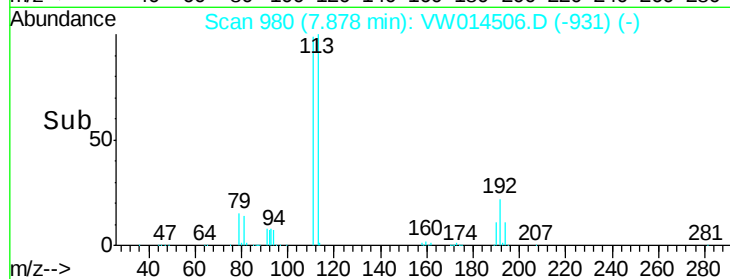
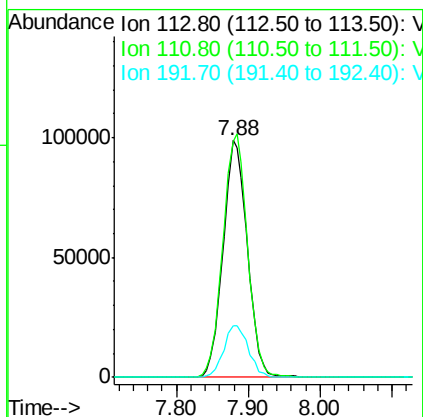
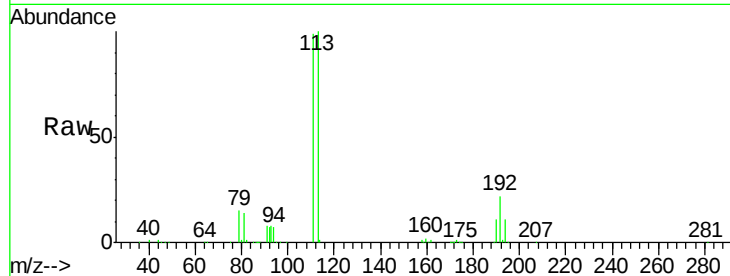




#35
Dibromofluoromethane
Concen: 52.778 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

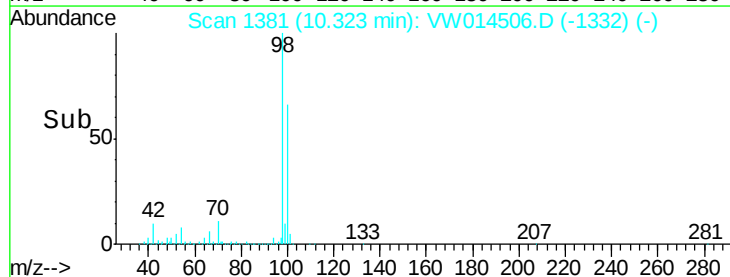
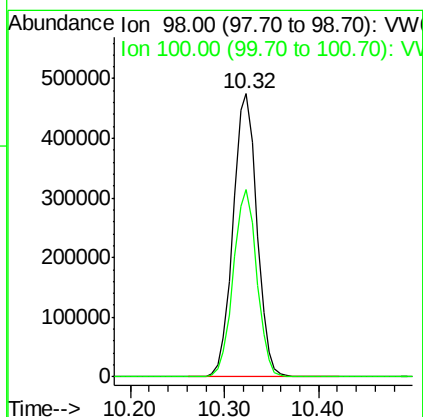
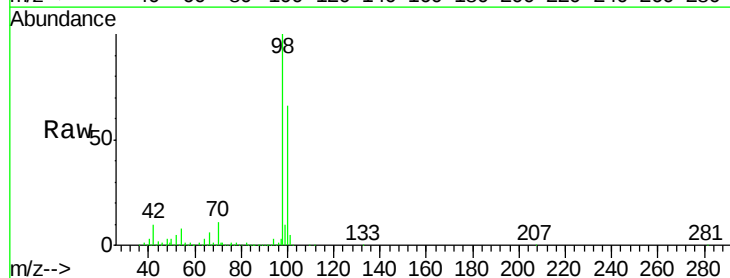
Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B3

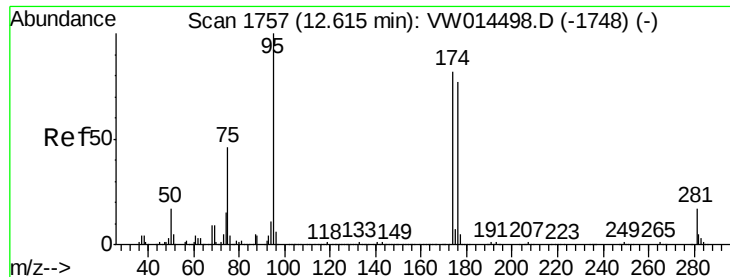
Tot Ion:113 Resp: 232026
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.2
192 22.2 17.8 26.8



#50
Toluene-d8
Concen: 45.499 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

Tgt Ion: 98 Resp: 834754
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6

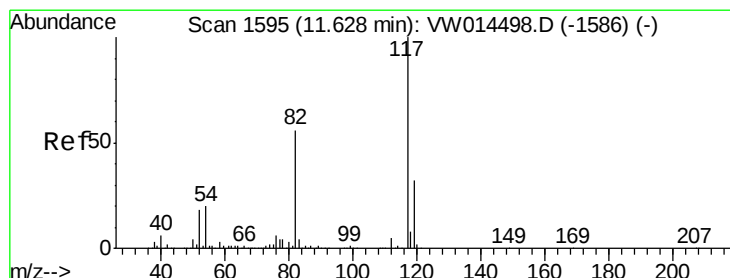
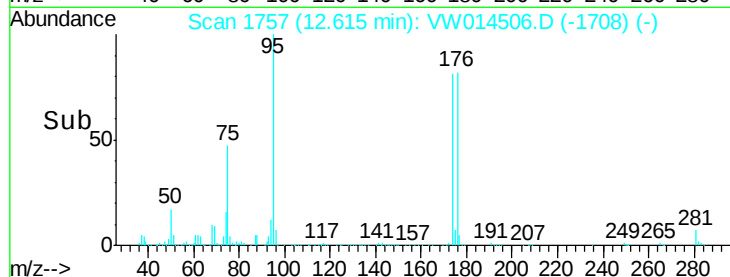
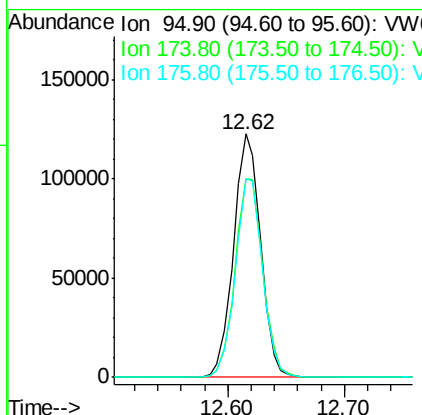
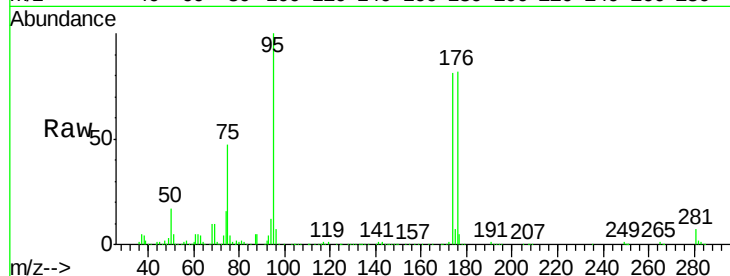




#62
4-Bromofluorobenzene
Concen: 31.967 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

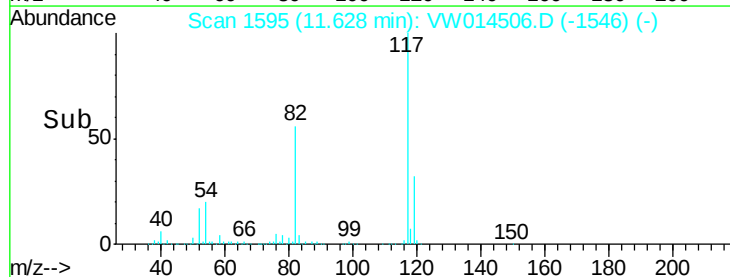
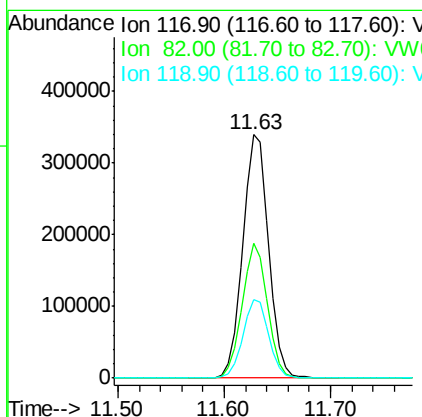
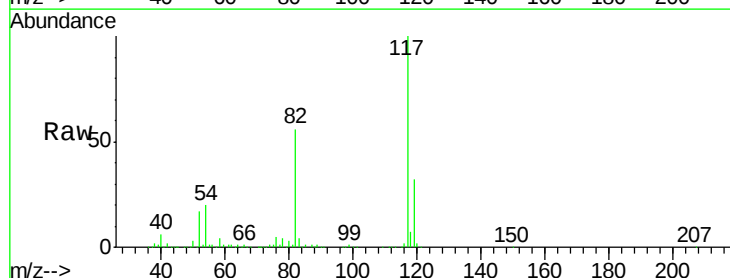
Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B3

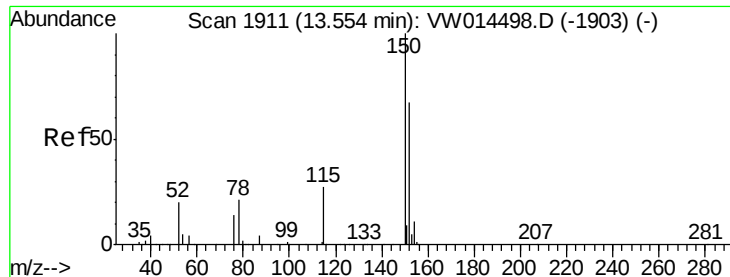
Tot Ion: 95 Resp: 198933
Ion Ratio Lower Upper
95 100
174 83.9 0.0 168.6
176 81.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014506.D
Acq: 03 Jan 2020 18:38

Tgt Ion: 117 Resp: 577706
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014506.D

Acq: 03 Jan 2020 18:38

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-0-1-GRAB-B3

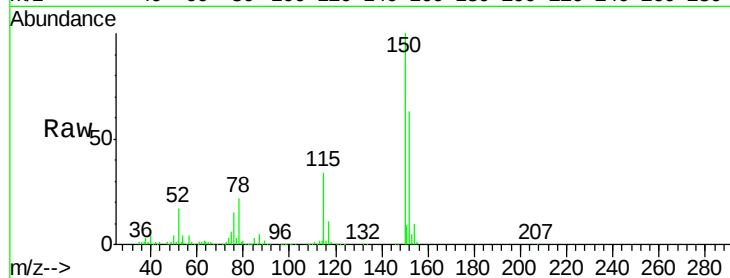
Tot Ion:152 Resp: 164356

Ion Ratio Lower Upper

152 100

115 55.8 27.7 83.1

150 157.0 0.0 343.4



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

