

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014512.D
 Acq On : 03 Jan 2020 21:16
 Operator : SY/VA
 Sample : K6482-05
 Misc : 8.50G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-123119-0-1-GRAB-B4

Quant Time: Jan 06 01:23:20 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

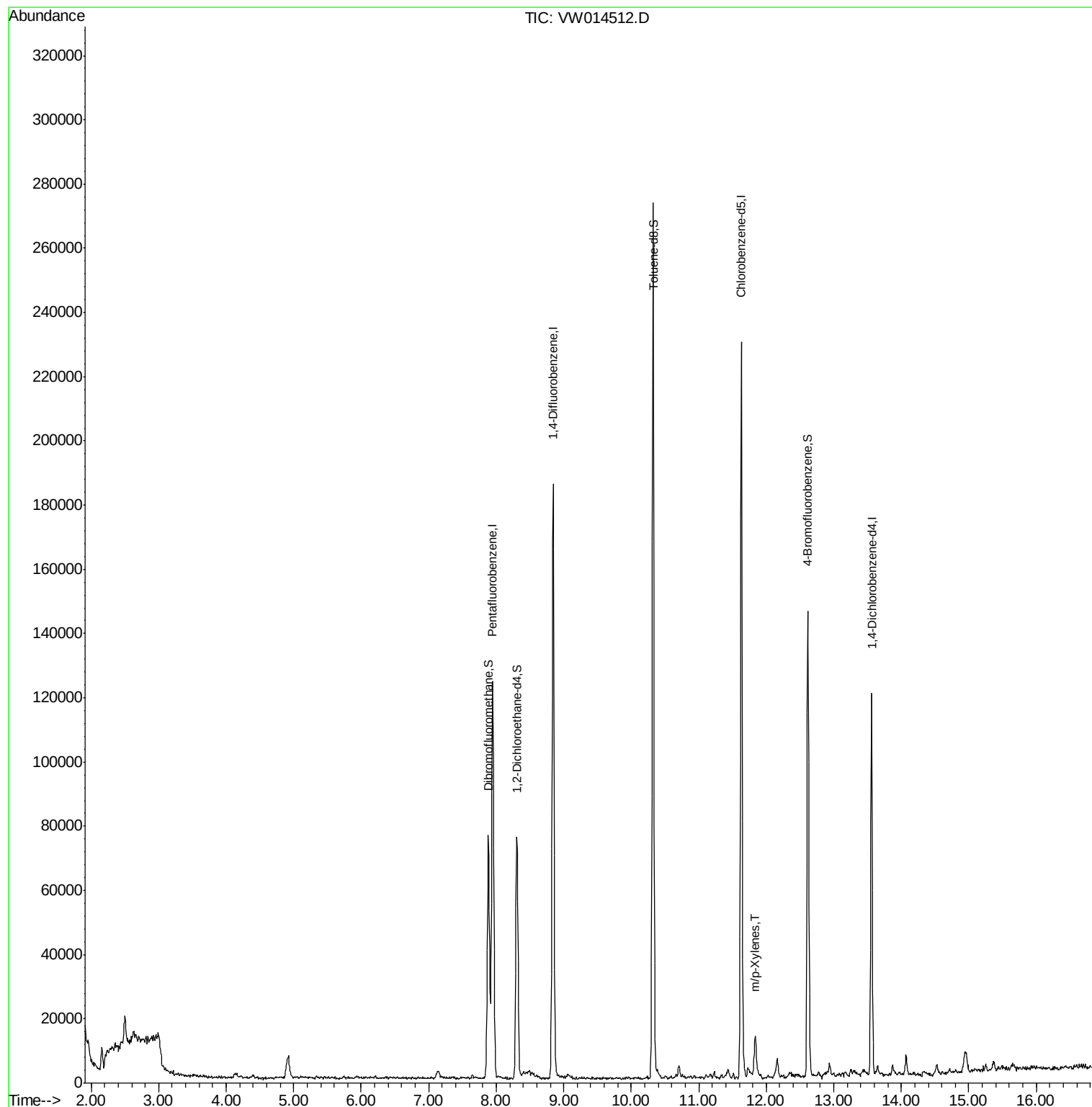
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	34854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	60043	67.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.40%	
35) Dibromofluoromethane	7.88	113	55099	61.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.86%	
50) Toluene-d8	10.32	98	185793	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.62	95	48032	38.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.28%	
Target Compounds						
68) m/p-Xylenes	11.84	106	3788	1.983	ug/l	Qvalue 98

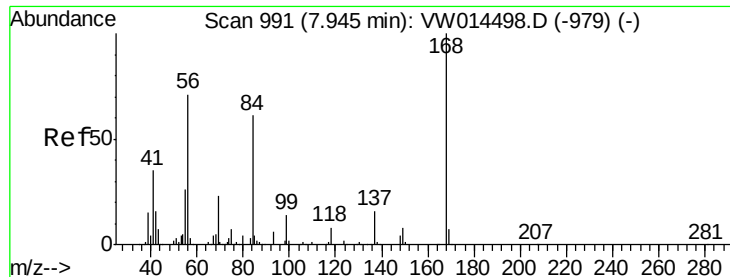
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW014512.D

Acq: 03 Jan 2020 21:16

Instrument :

MSVOA_W

ClientSampleId :

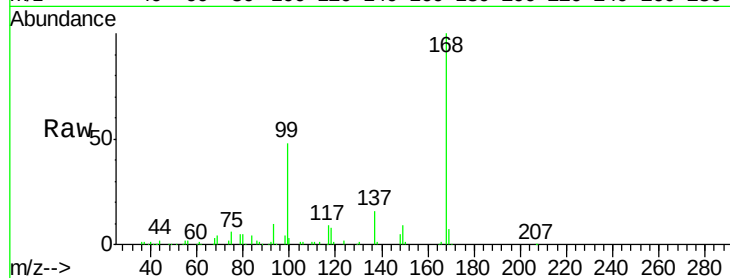
MC-123119-0-1-GRAB-B4

Tot Ion:168 Resp: 102190

Ion Ratio Lower Upper

168 100

99 48.1 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

40000

30000

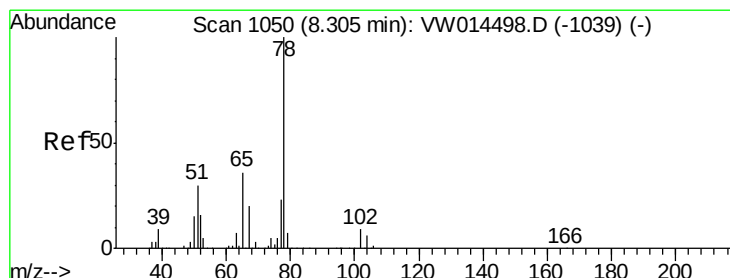
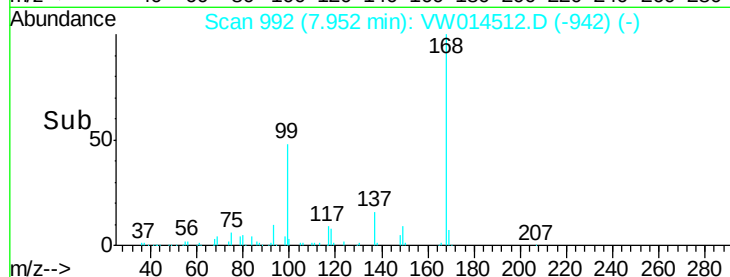
20000

10000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.203 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014512.D

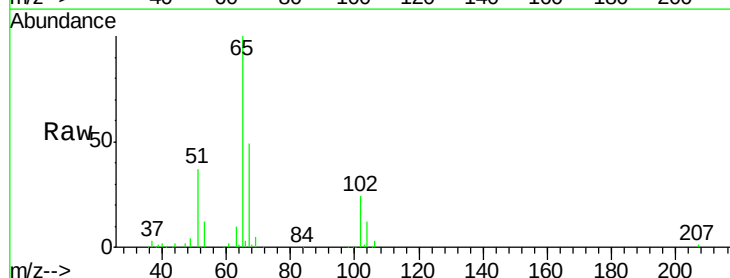
Acq: 03 Jan 2020 21:16

Tgt Ion: 65 Resp: 60043

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

25000

20000

15000

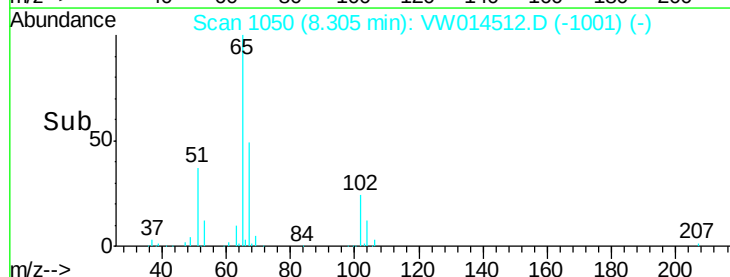
10000

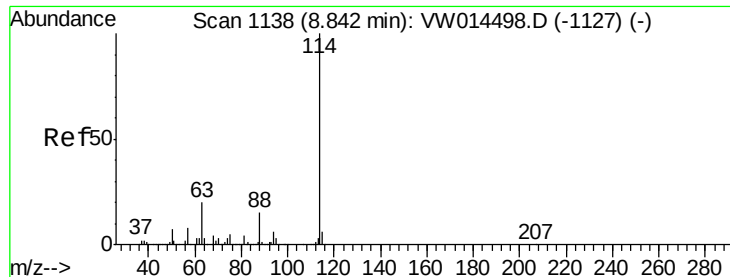
5000

0

8.20 8.30 8.40

Time-->

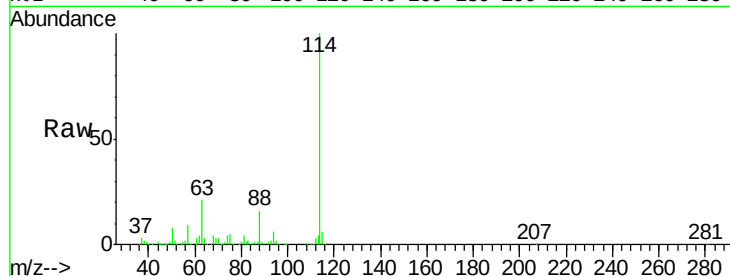




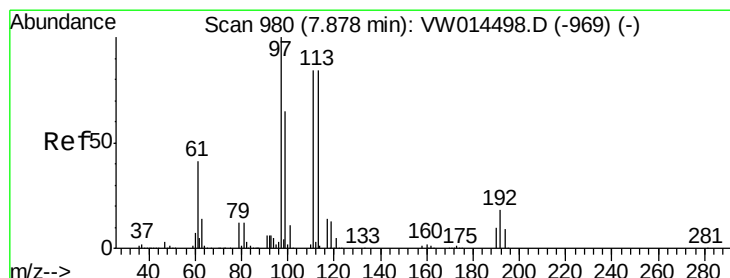
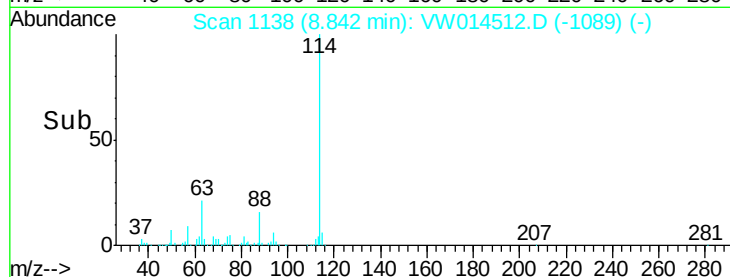
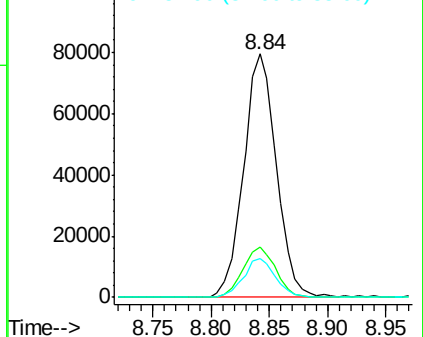
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW014512.D
Acq: 03 Jan 2020 21:16

Instrument :
MSVOA_W
ClientSampleId :
MC-123119-0-1-GRAB-B4

Tot Ion:114 Resp: 155677
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.4
88 15.7 0.0 30.6

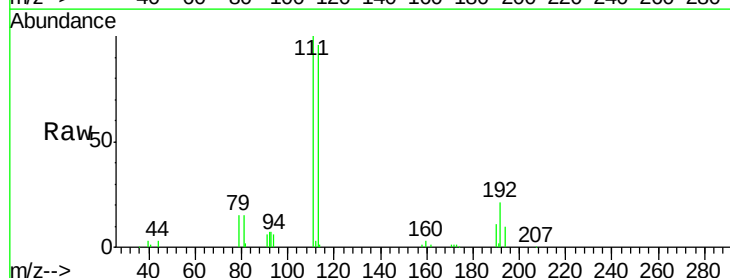


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

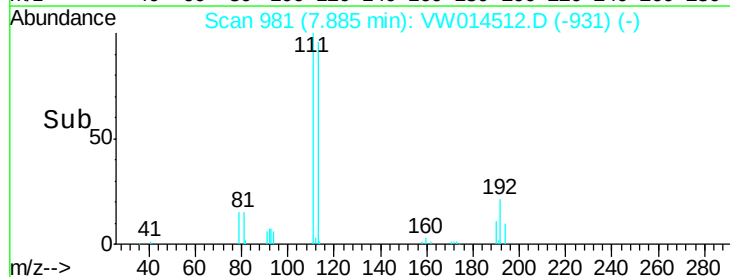
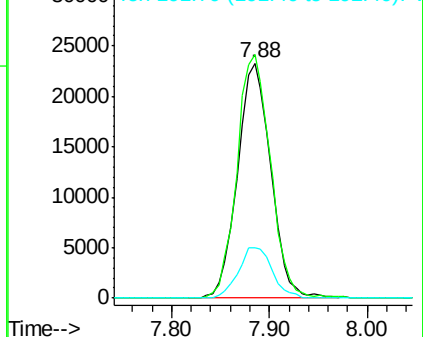


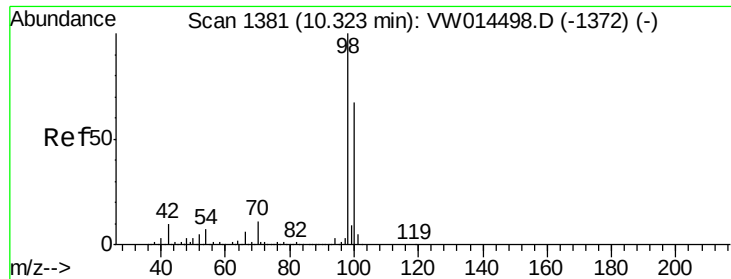
#35
Dibromofluoromethane
Concen: 61.928 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW014512.D
Acq: 03 Jan 2020 21:16

Tgt Ion:113 Resp: 55099
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.2
192 21.8 17.8 26.8



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: 50.038 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014512.D

Acq: 03 Jan 2020 21:16

Instrument :

MSVOA_W

ClientSampleId :

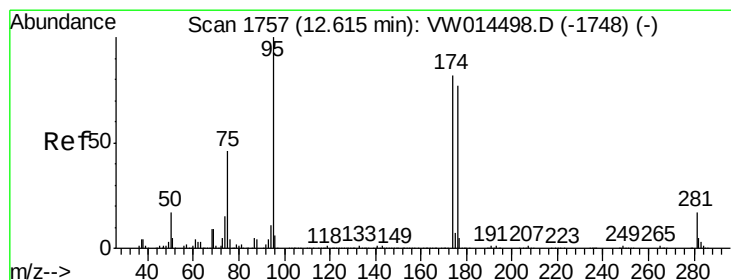
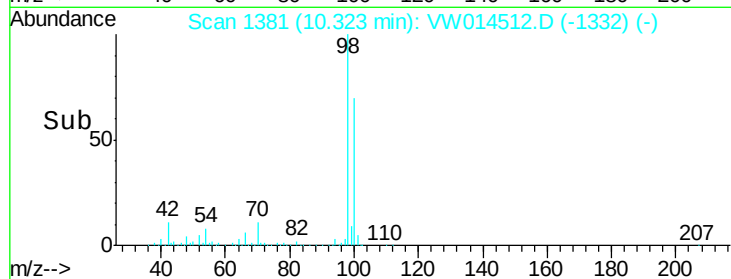
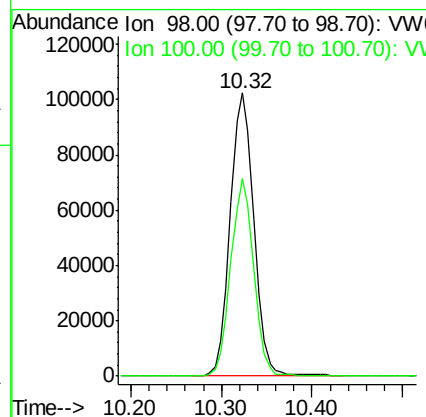
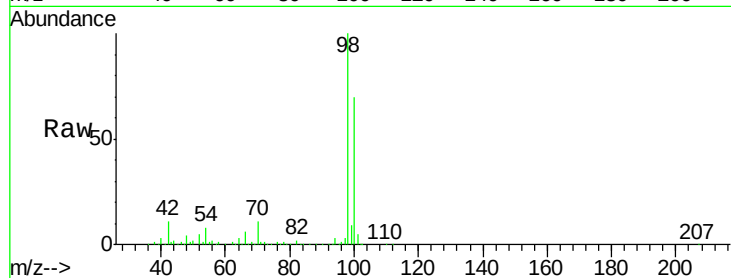
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Tot Ion: 98 Resp: 185793

Ion Ratio Lower Upper

98 100

100 67.6 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 38.138 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014512.D

Acq: 03 Jan 2020 21:16

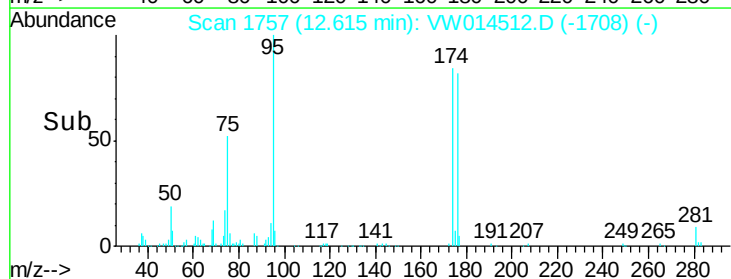
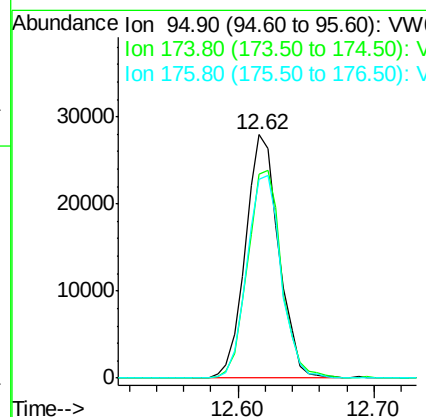
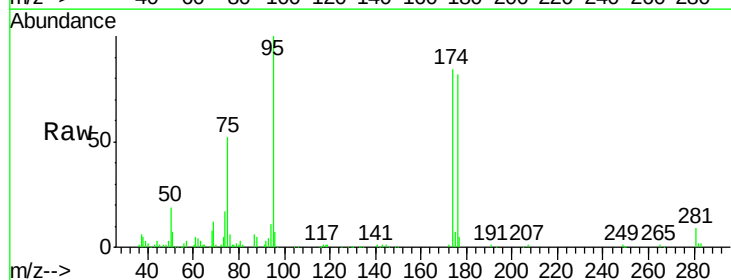
Tgt Ion: 95 Resp: 48032

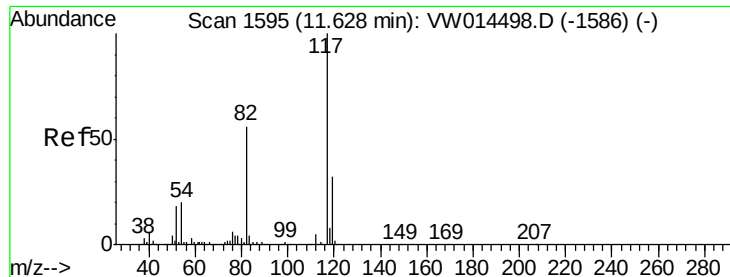
Ion Ratio Lower Upper

95 100

174 86.8 0.0 168.6

176 85.2 0.0 162.0

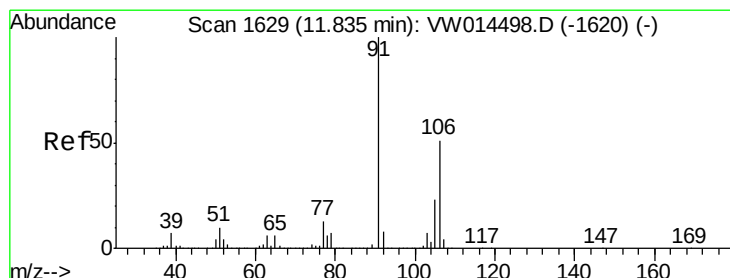
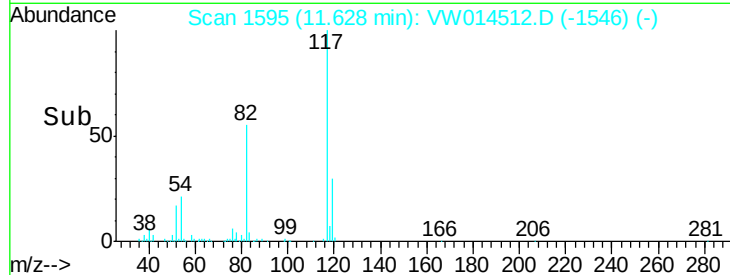
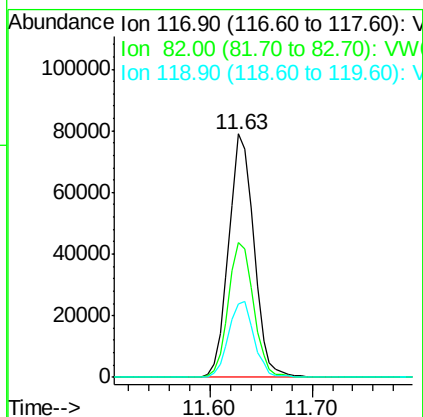
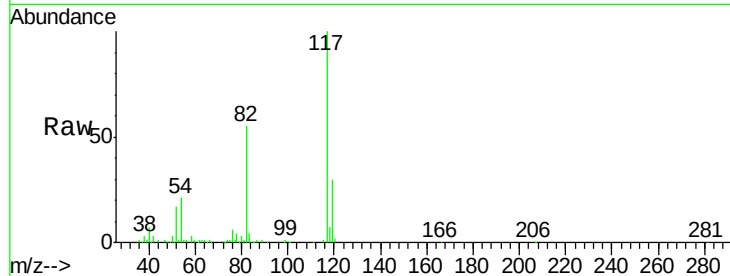




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014512.D
Acq: 03 Jan 2020 21:16

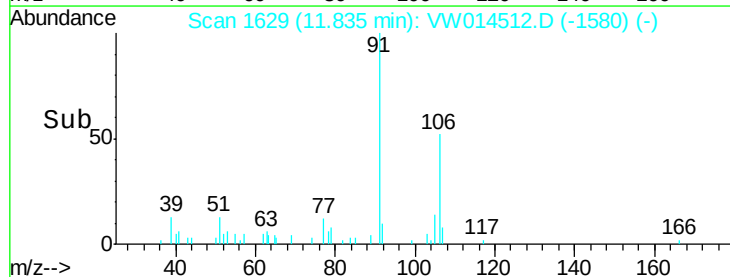
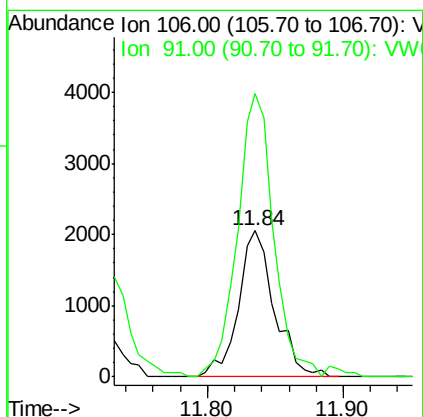
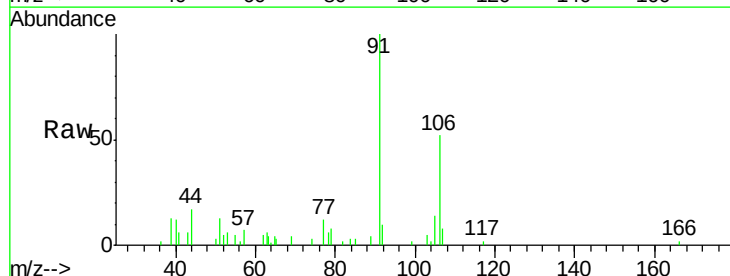
Instrument :
MSVOA_W
ClientSampleId :
MC-123119-0-1-GRAB-B4

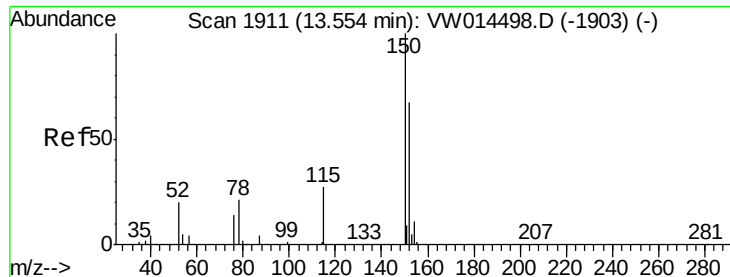
Tot Ion:117 Resp: 135170
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 1.983 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014512.D
Acq: 03 Jan 2020 21:16

Tgt Ion:106 Resp: 3788
Ion Ratio Lower Upper
106 100
91 195.2 159.0 238.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014512.D

Acq: 03 Jan 2020 21:16

Instrument :

MSVOA_W

ClientSampleId :

MC-123119-0-1-GRAB-B4

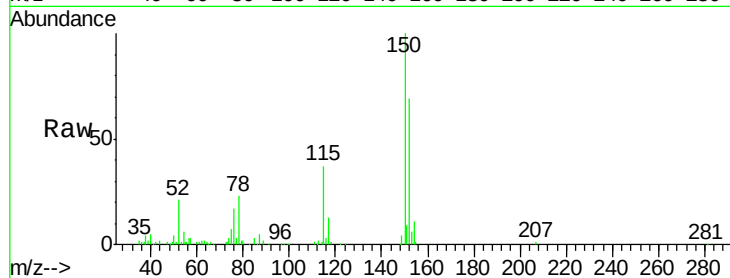
Tot Ion:152 Resp: 34854

Ion Ratio Lower Upper

152 100

115 54.5 27.7 83.1

150 151.0 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

