

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014528.D
 Acq On : 06 Jan 2020 17:14
 Operator : SY/VA
 Sample : K6471-03RE
 Misc : 5.98G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-123019-4-5-GRAB-B5RE

Quant Time: Jan 07 03:48:20 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

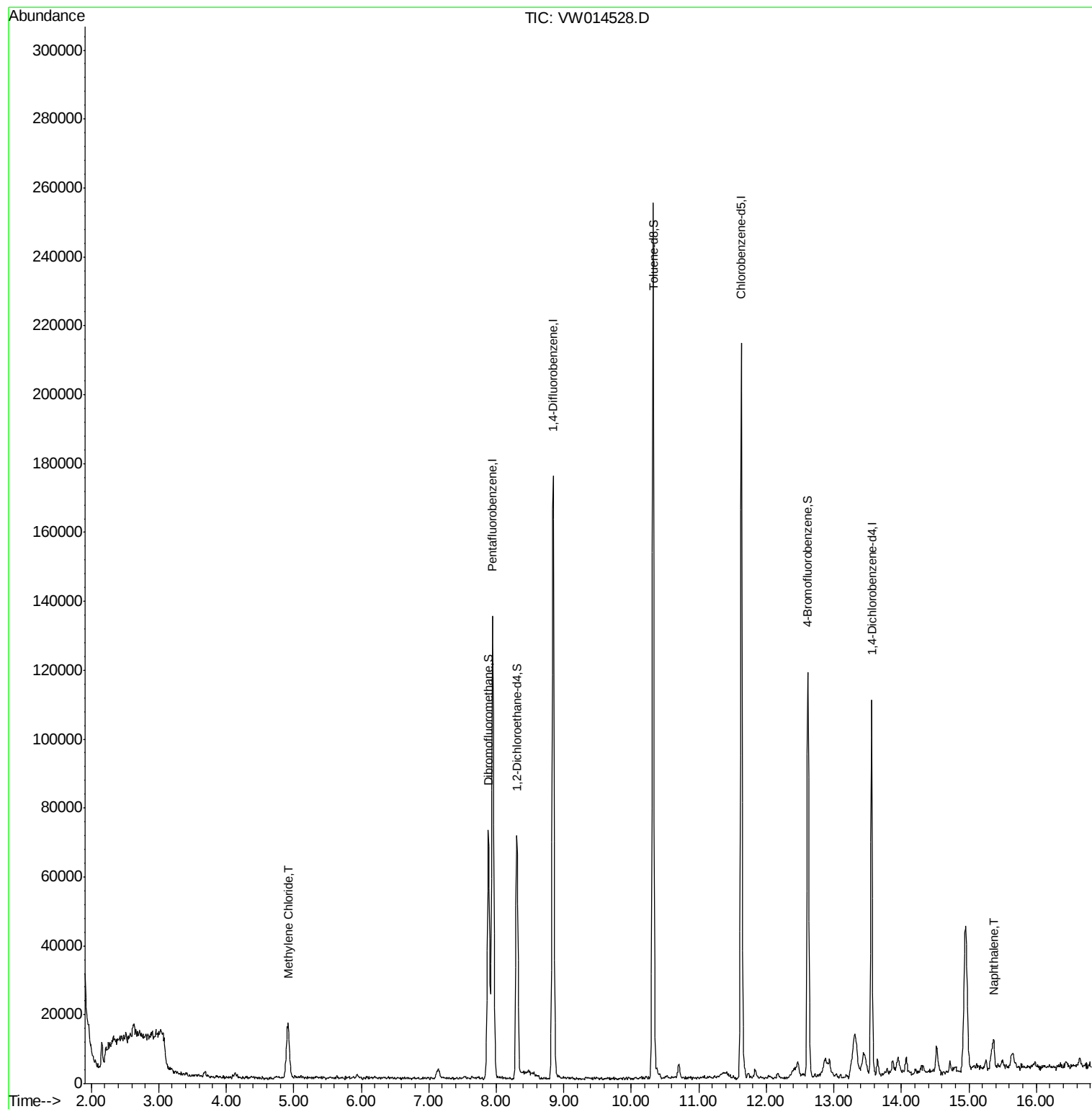
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	29192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	56756	62.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.98%	
35) Dibromofluoromethane	7.88	113	53984	61.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.64%	
50) Toluene-d8	10.32	98	177742	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.62	95	40655	32.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.78%	
Target Compounds						
20) Methylene Chloride	4.92	84	11990	7.740	ug/l	96
95) Naphthalene	15.37	128	6660	6.801	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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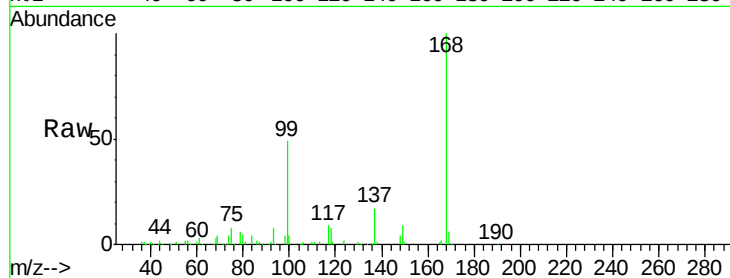
MC-123019-4-5-GRAB-B5RE

Tgt Ion:168 Resp: 103883

Ion Ratio Lower Upper

168 100

99 49.2 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

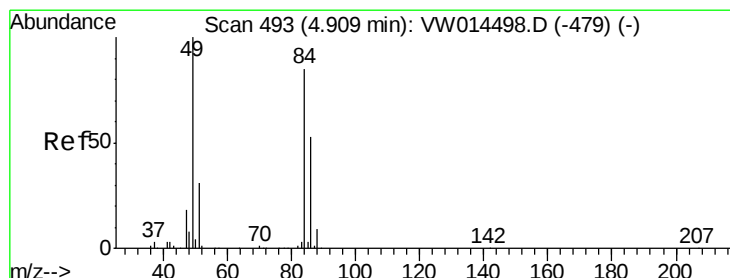
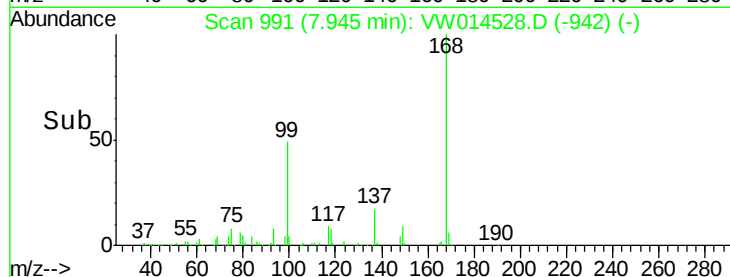
20000

10000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 7.740 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014528.D

Acq: 06 Jan 2020 17:14

Tgt Ion: 84 Resp: 11990

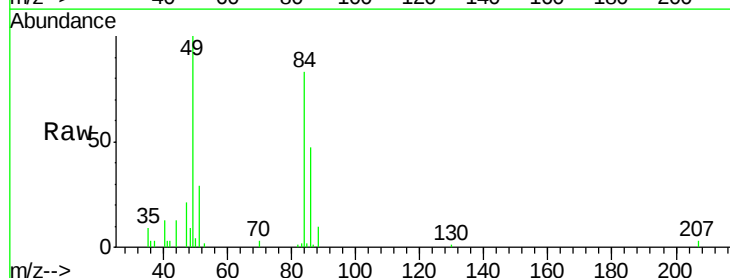
Ion Ratio Lower Upper

84 100

49 120.5 94.4 141.6

51 34.8 29.5 44.3

86 56.1 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

4.92

6000

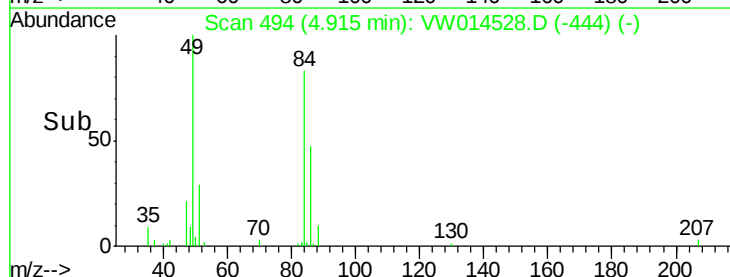
4000

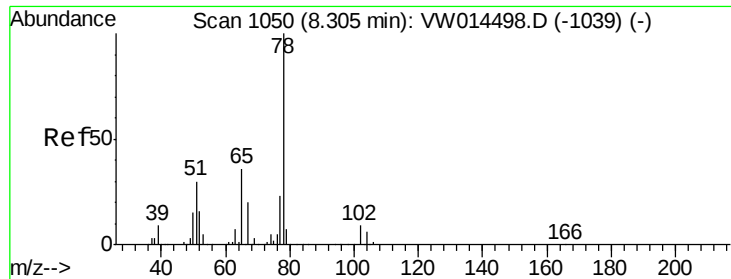
2000

0

4.80 4.90 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 62.488 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014528.D

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Instrument :

MSVOA_W

ClientSampleId :

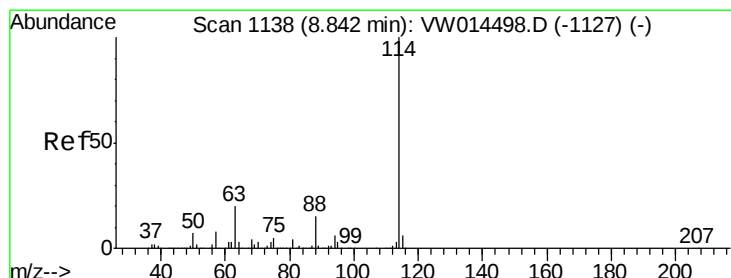
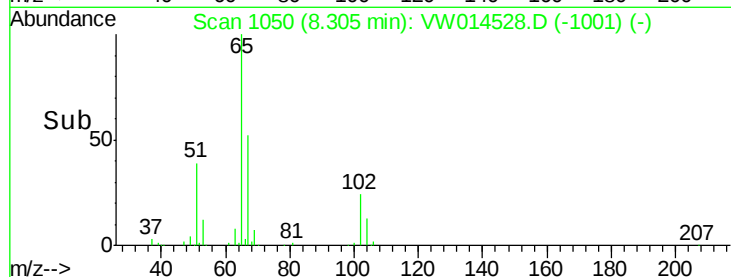
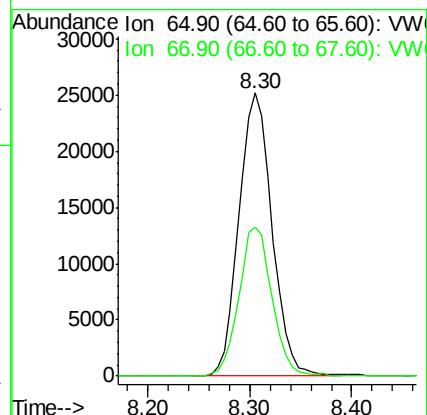
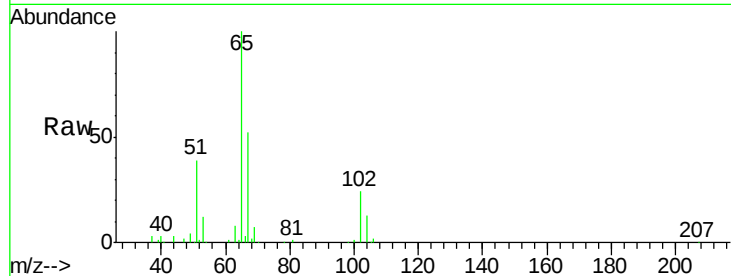
MC-123019-4-5-GRAB-B5RE

Tgt Ion: 65 Resp: 56756

Ion Ratio Lower Upper

65 100

67 52.4 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: VW014528.D

Acq: 06 Jan 2020 17:14

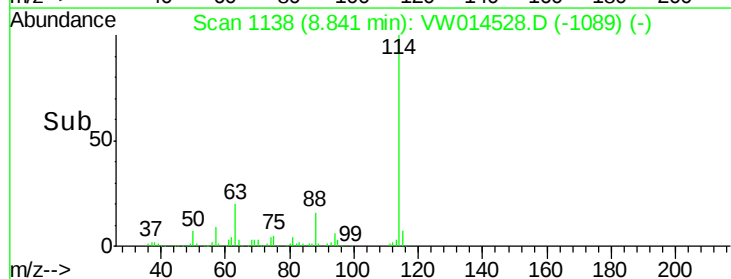
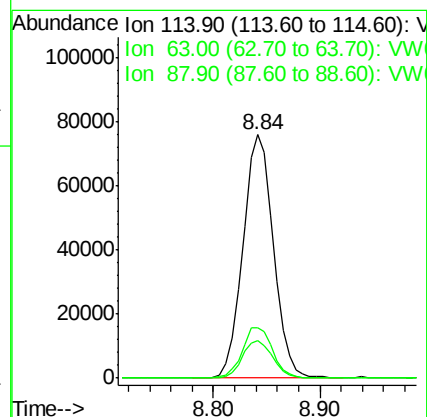
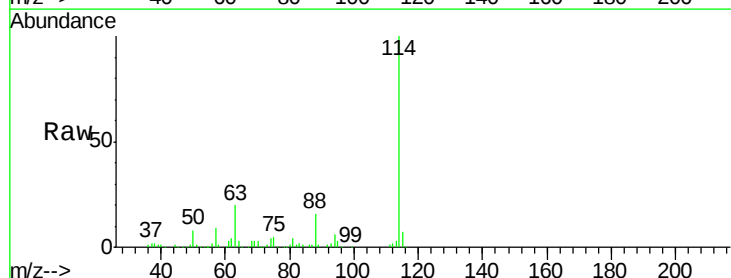
Tgt Ion: 114 Resp: 152794

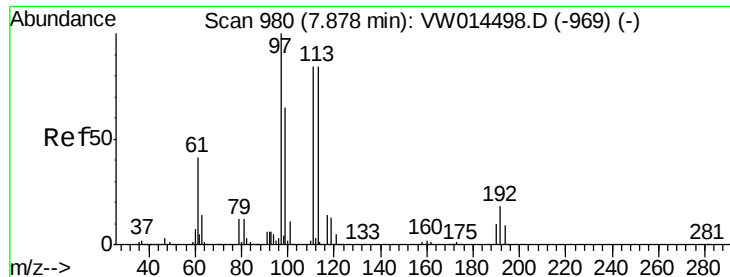
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 61.820 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014528.D

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Instrument :

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ClientSampleId :

MC-123019-4-5-GRAB-B5RE

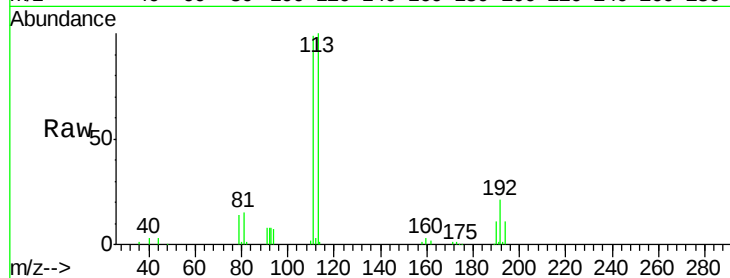
Tgt Ion:113 Resp: 53984

Ion Ratio Lower Upper

113 100

111 100.2 81.4 122.2

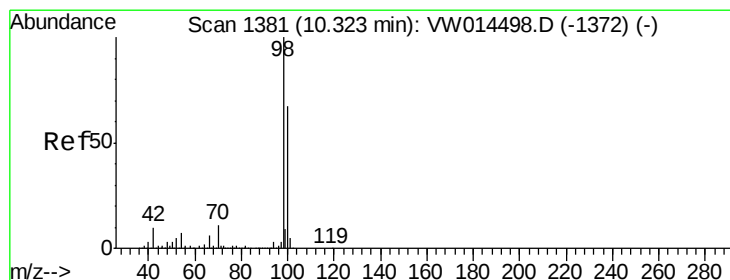
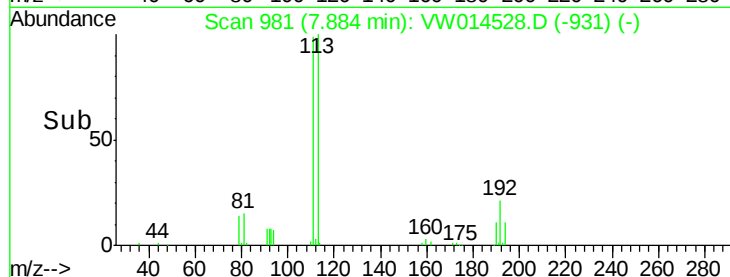
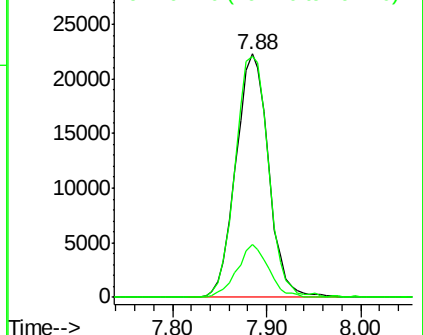
192 20.9 17.8 26.8



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: 48.773 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014528.D

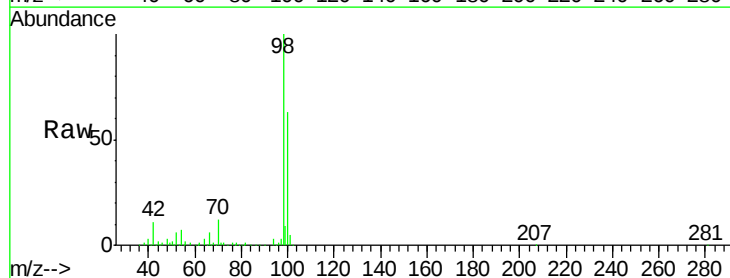
Acq: 06 Jan 2020 17:14

Tgt Ion: 98 Resp: 177742

Ion Ratio Lower Upper

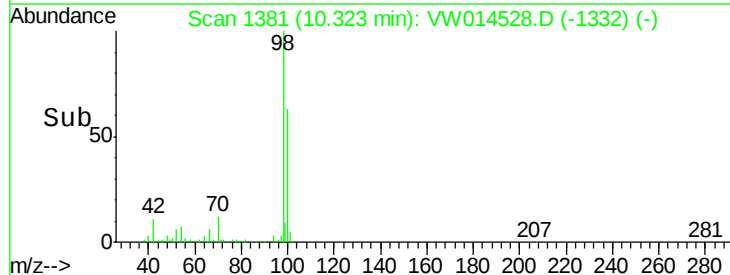
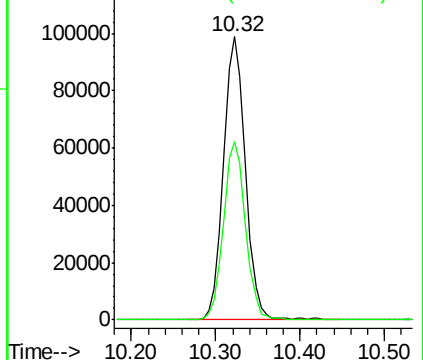
98 100

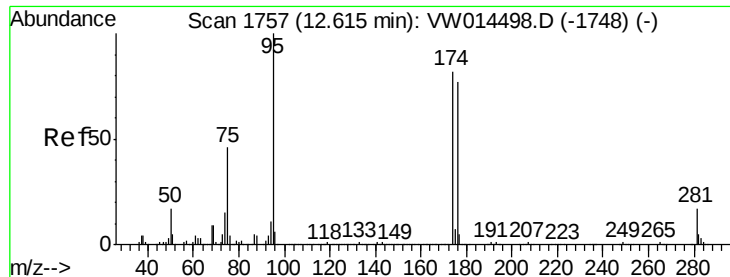
100 63.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

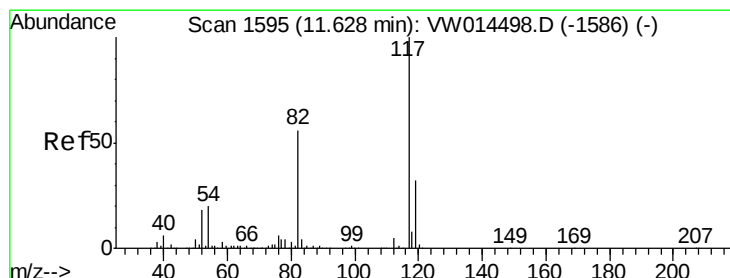
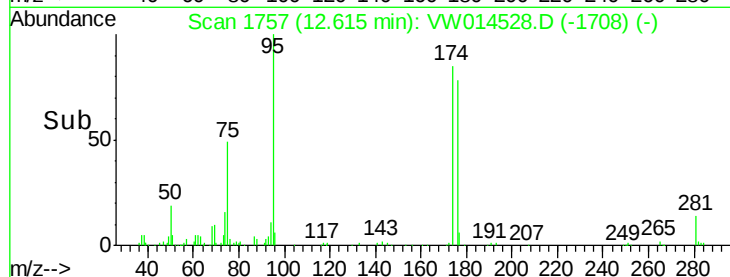
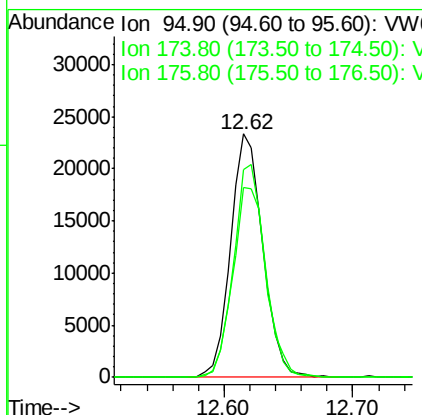
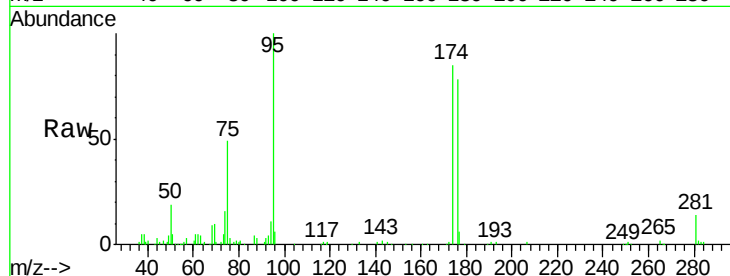




#62
4-Bromofluorobenzene
Concen: 32.890 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014528.D
Acq: 06 Jan 2020 17:14

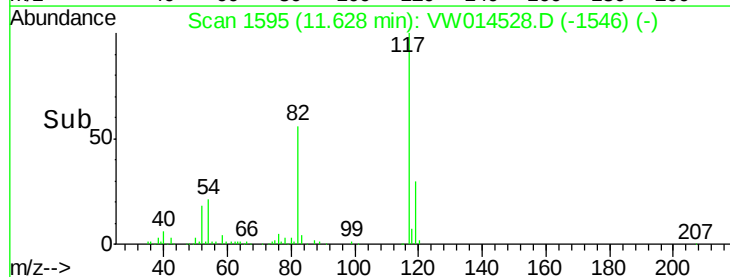
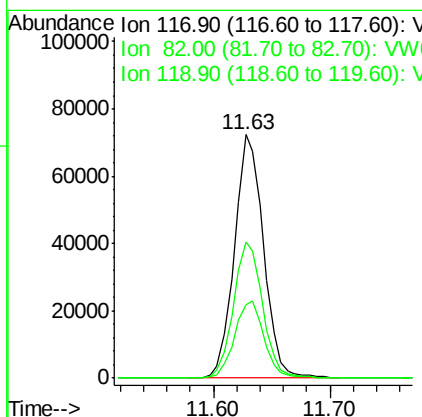
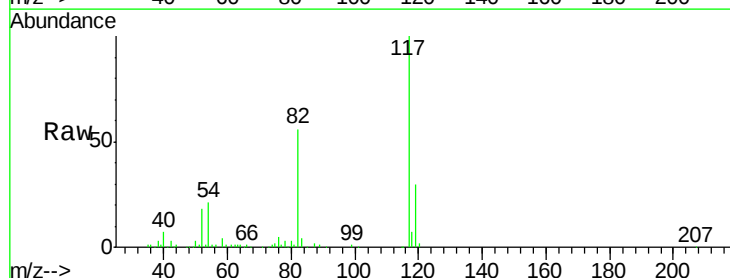
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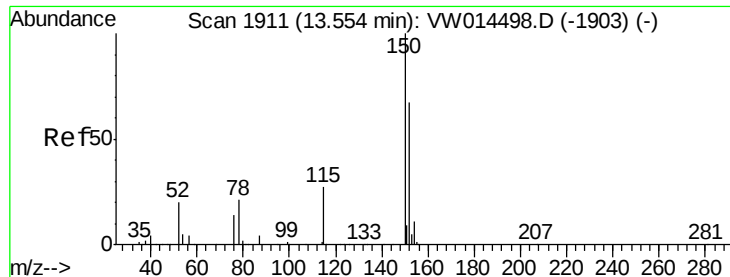
Tgt Ion: 95 Resp: 40655
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.6
176 80.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014528.D
Acq: 06 Jan 2020 17:14

Tgt Ion: 117 Resp: 125705
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 30.1 25.7 38.5

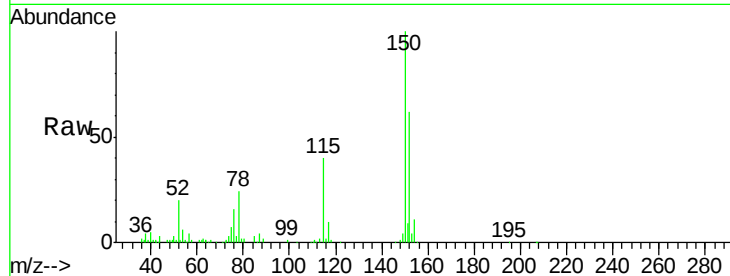




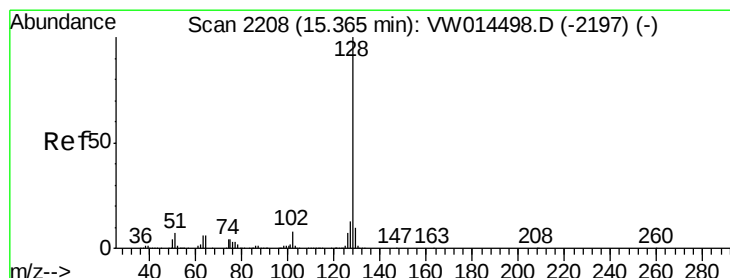
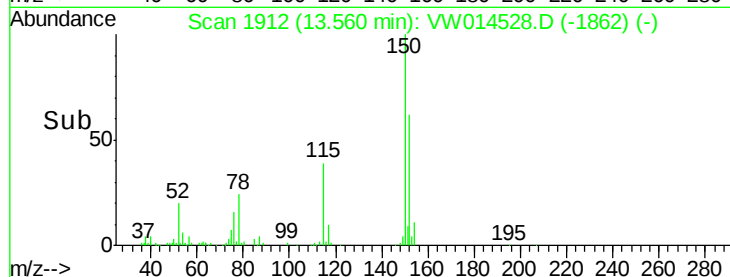
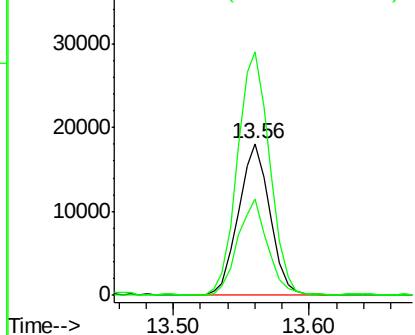
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: VW014528.D
 Acq: 06 Jan 2020 17:14

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-123019-4-5-GRAB-B5RE

Tgt Ion:152 Resp: 29192
 Ion Ratio Lower Upper
 152 100
 115 60.1 27.7 83.1
 150 164.3 0.0 343.4

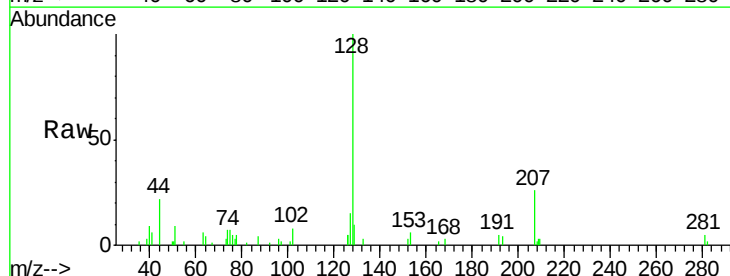


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 6.801 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VW014528.D
 Acq: 06 Jan 2020 17:14

Tgt Ion:128 Resp: 6660
 Ion Ratio Lower Upper
 128 100
 127 15.5 10.6 15.8
 129 11.7 8.7 13.1



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

