

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067037.D
 Acq On : 02 Oct 2020 15:58
 Operator : VA/SY
 Sample : L4213-09
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-17(3-4)

Quant Time: Oct 03 05:13:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

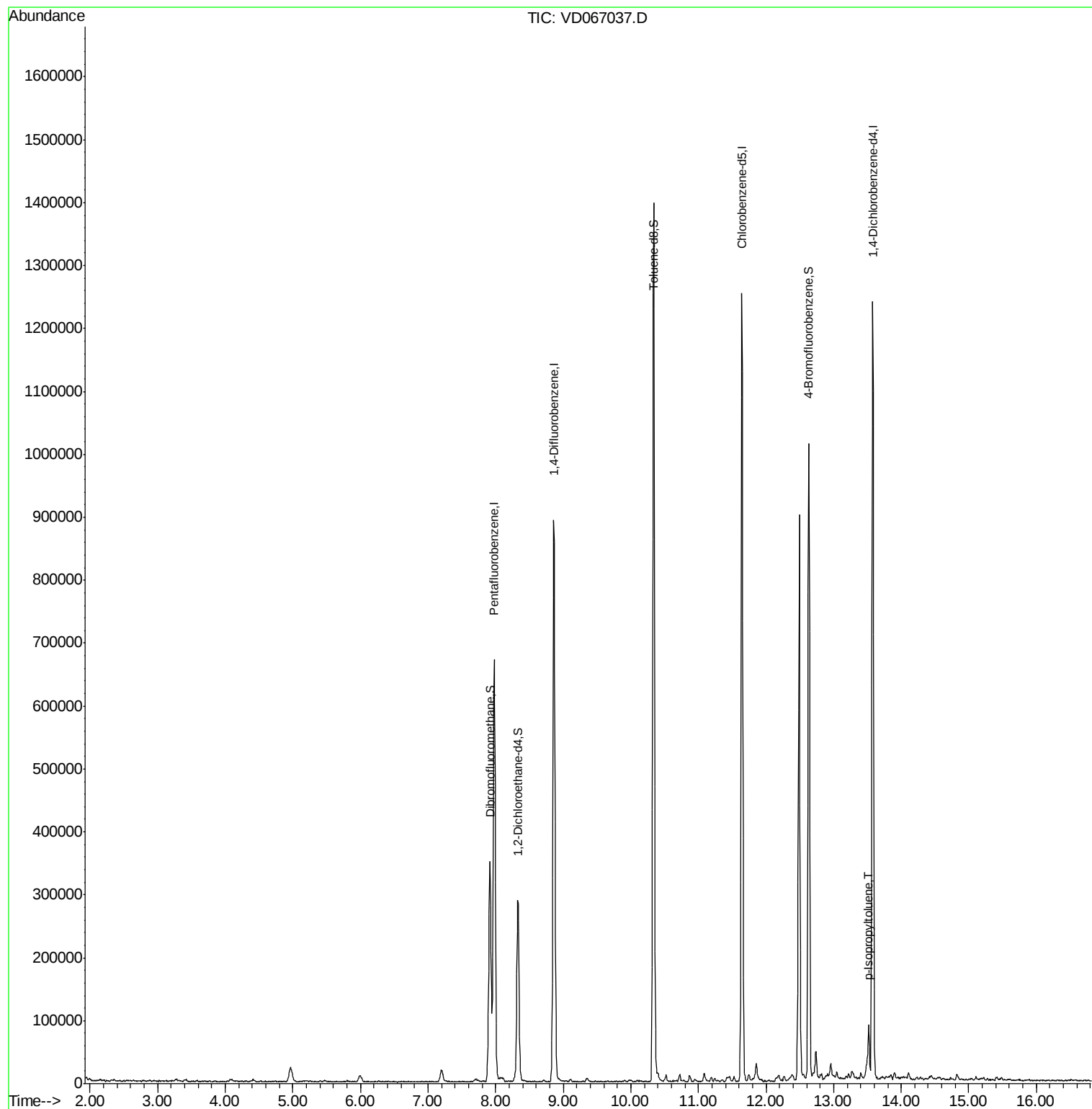
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	490304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	805840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	738151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	339332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231029	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	7.92	113	258862	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.34	98	954282	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.63	95	334989	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
86) p-Isopropyltoluene	13.52	119	44009	2.056	ug/l	Qvalue 91

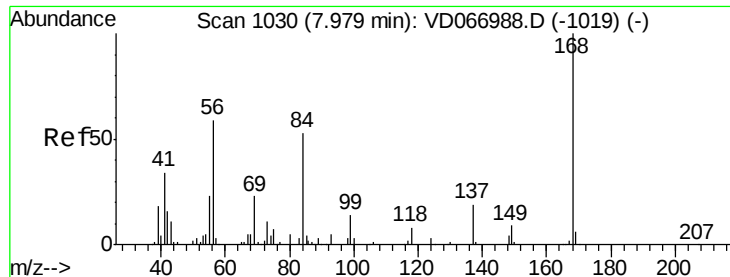
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067037.D

Acq: 02 Oct 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

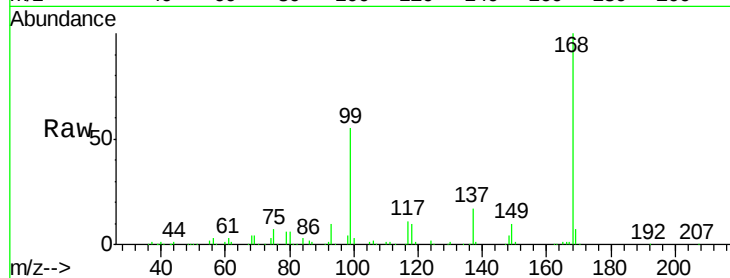
B-17(3-4)

Tot Ion:168 Resp: 490304

Ion Ratio Lower Upper

168 100

99 55.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

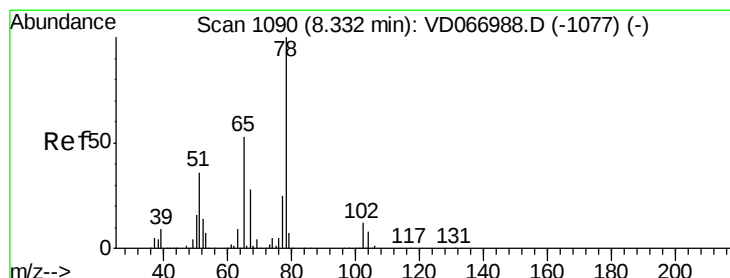
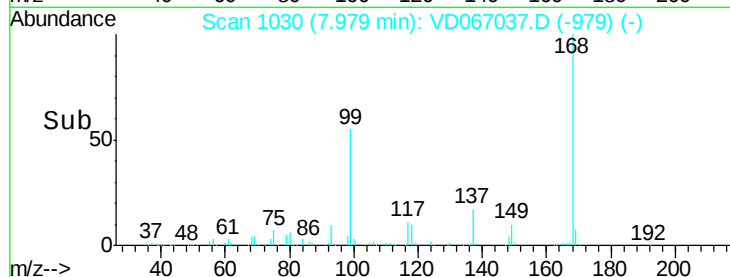
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.920 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067037.D

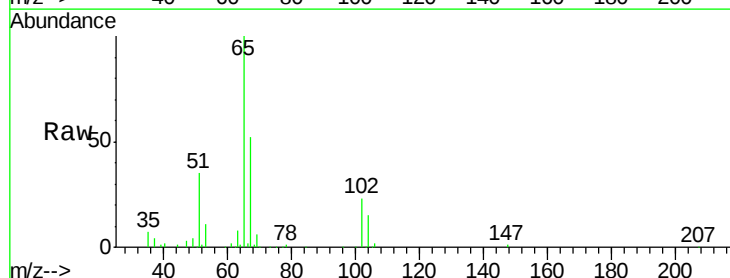
Acq: 02 Oct 2020 15:58

Tgt Ion: 65 Resp: 231029

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

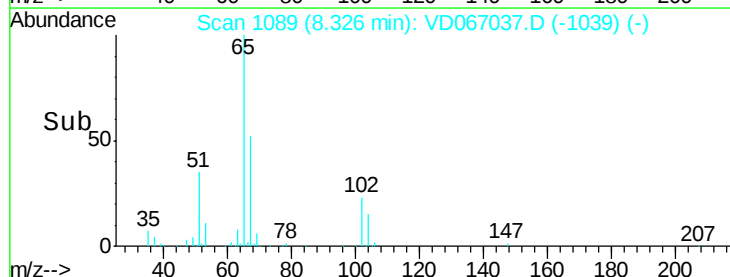
60000

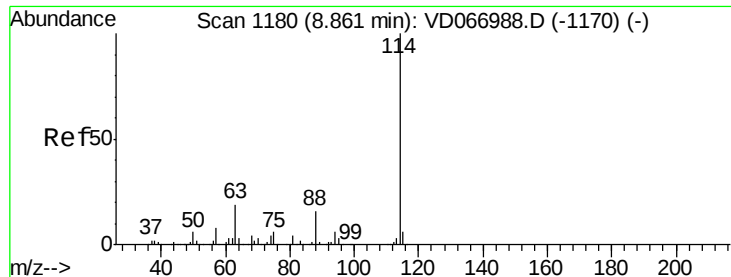
40000

20000

0

Time-->

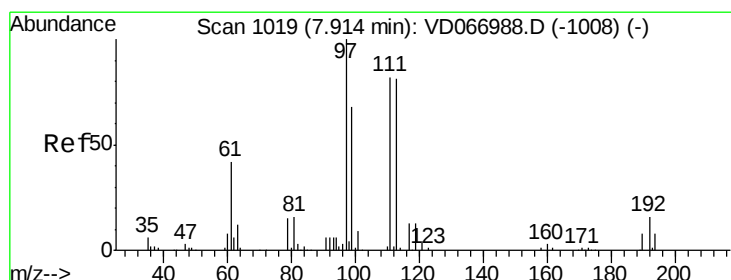
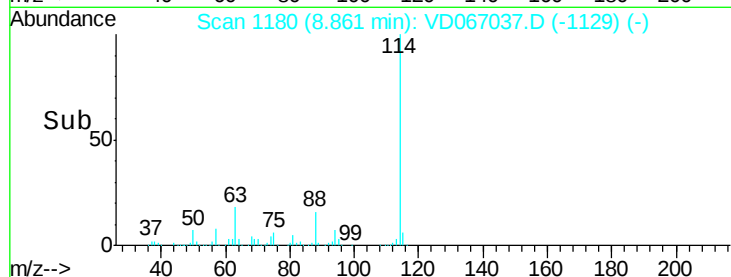
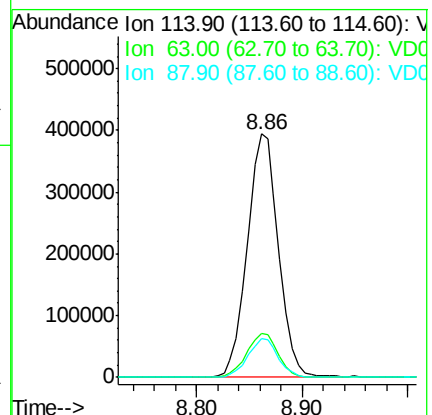
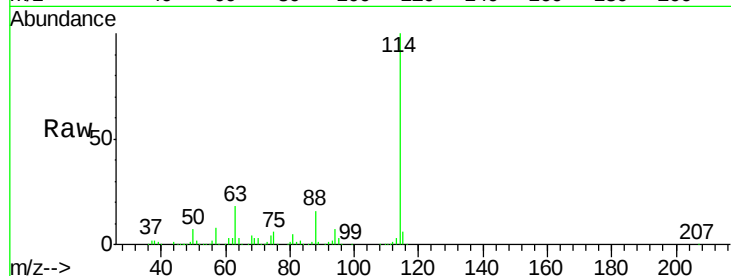




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067037.D
 Acq: 02 Oct 2020 15:58

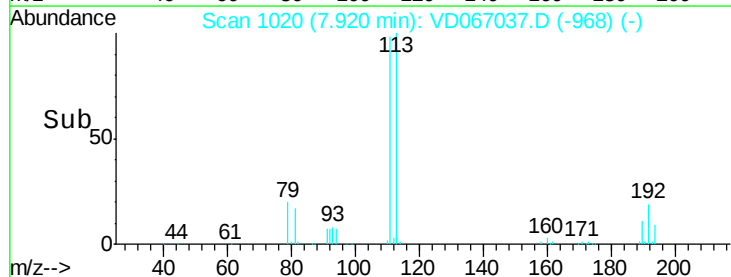
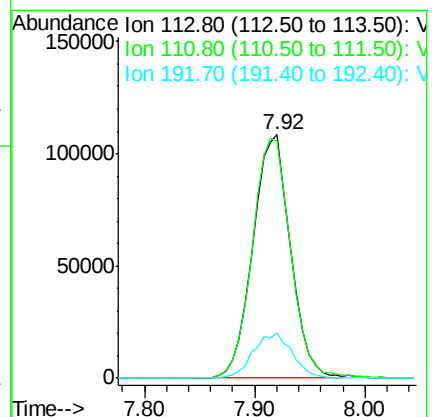
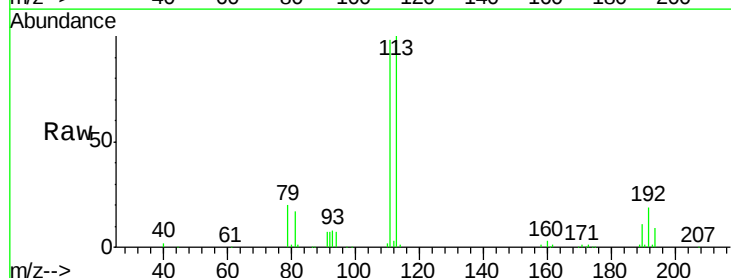
Instrument :
 MSVOA_D
 ClientSampled :
 B-17(3-4)

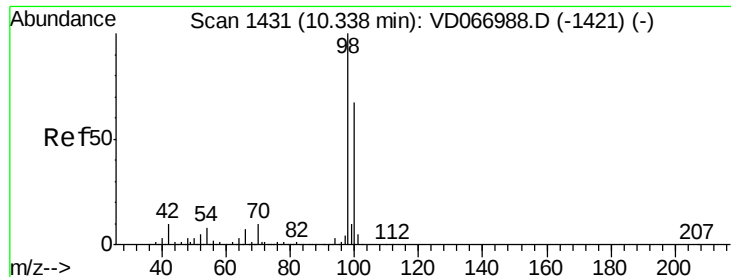
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	16.1	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 49.067 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067037.D
 Acq: 02 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.0	124.4
192	19.3	15.5	23.3





#50

Toluene-d8

Concen: 49.640 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067037.D

Acq: 02 Oct 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

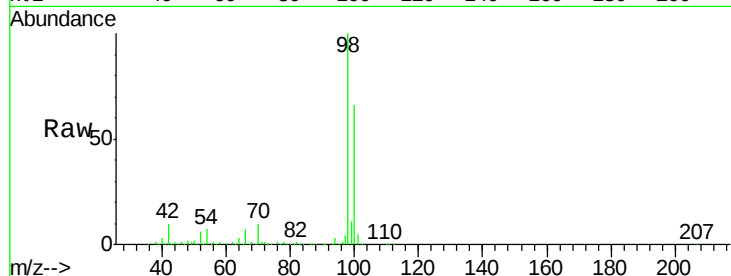
B-17(3-4)

Tot Ion: 98 Resp: 954282

Ion Ratio Lower Upper

98 100

100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

600000

500000

400000

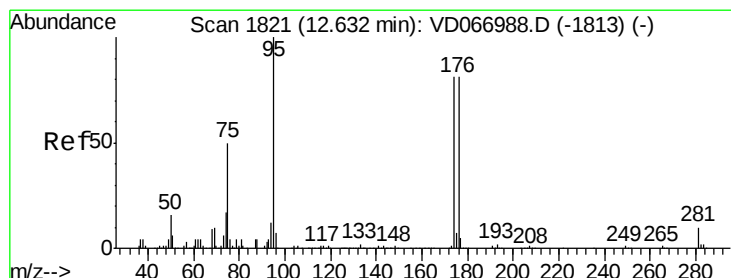
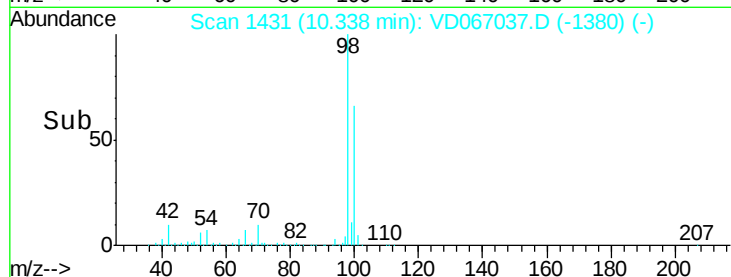
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.331 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD067037.D

Acq: 02 Oct 2020 15:58

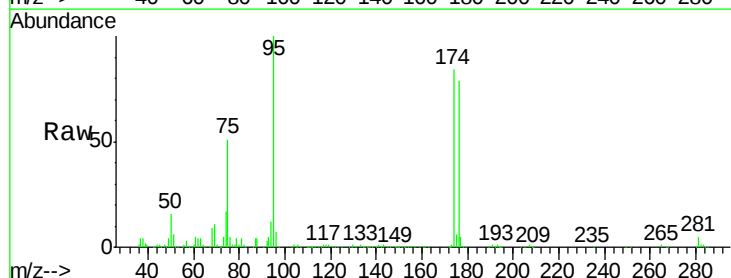
Tgt Ion: 95 Resp: 334989

Ion Ratio Lower Upper

95 100

174 83.4 0.0 167.6

176 79.5 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.63

250000

200000

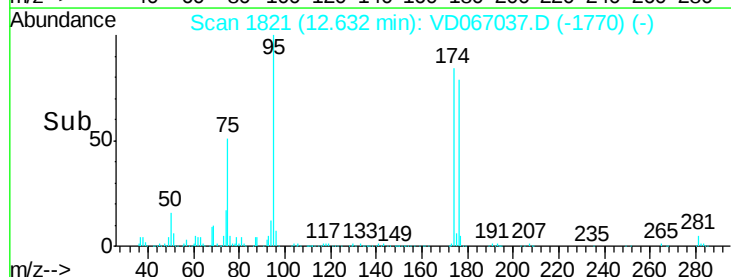
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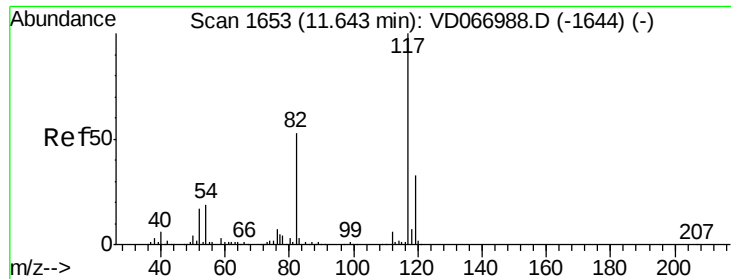
100000

50000

0

Time--> 12.50 12.60 12.70

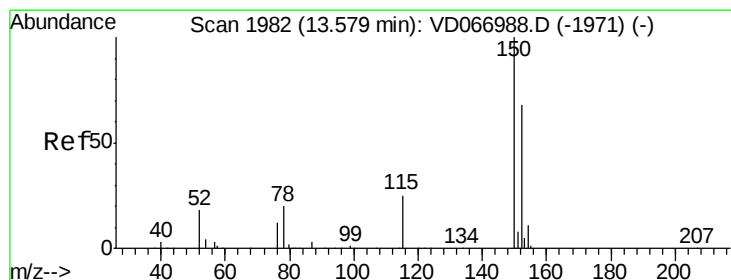
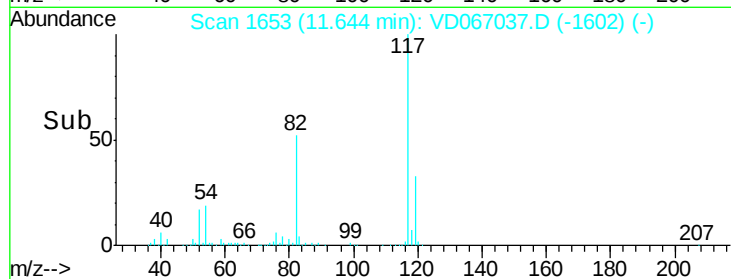
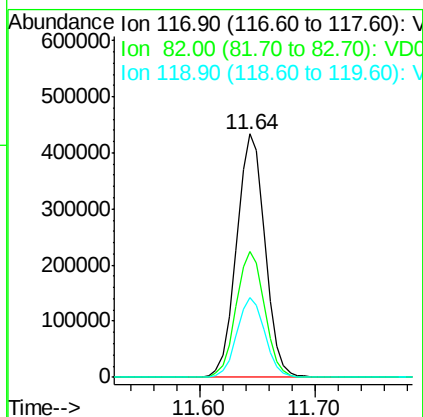
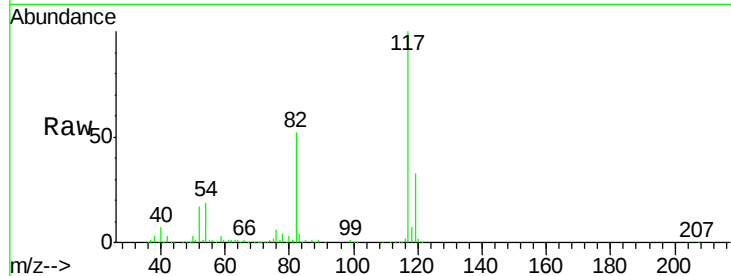




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067037.D
Acq: 02 Oct 2020 15:58

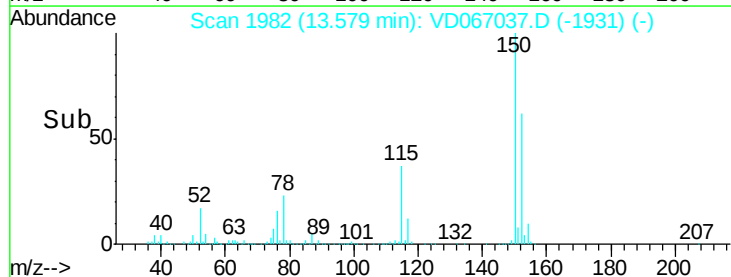
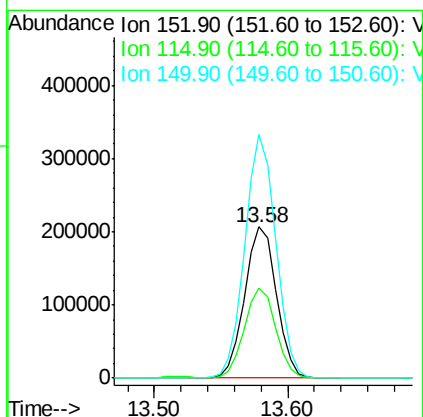
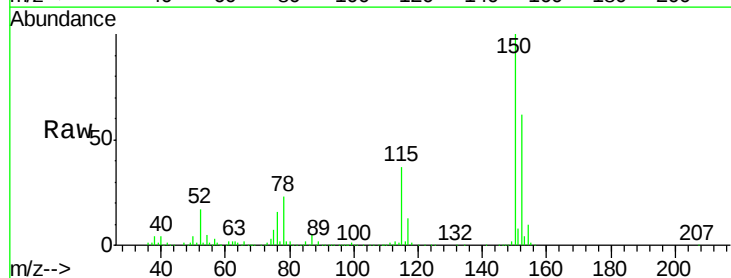
Instrument :
MSVOA_D
ClientSampleId :
B-17(3-4)

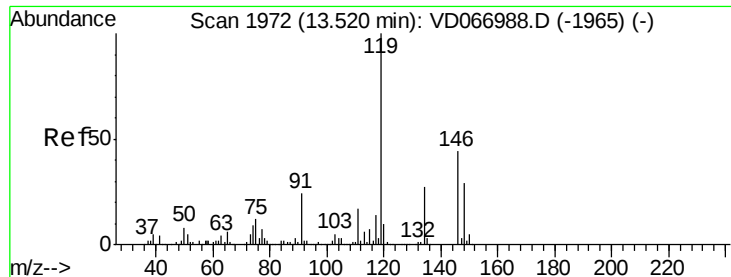
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	63.8
119	32.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067037.D
Acq: 02 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	157.1	0.0	344.8





#86

p-Isopropyltoluene

Concen: 2.056 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067037.D

Acq: 02 Oct 2020 15:58

Instrument :

MSVOA_D

ClientSampleId :

B-17(3-4)

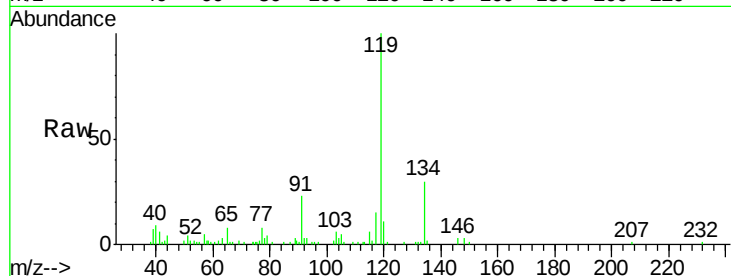
Tot Ion:119 Resp: 44009

Ion Ratio Lower Upper

119 100

134 28.8 13.1 39.1

91 29.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

