

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066981.D
 Acq On : 30 Sep 2020 18:38
 Operator : VA/SY
 Sample : L4172-10
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-7(12-14)

Quant Time: Oct 01 01:33:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

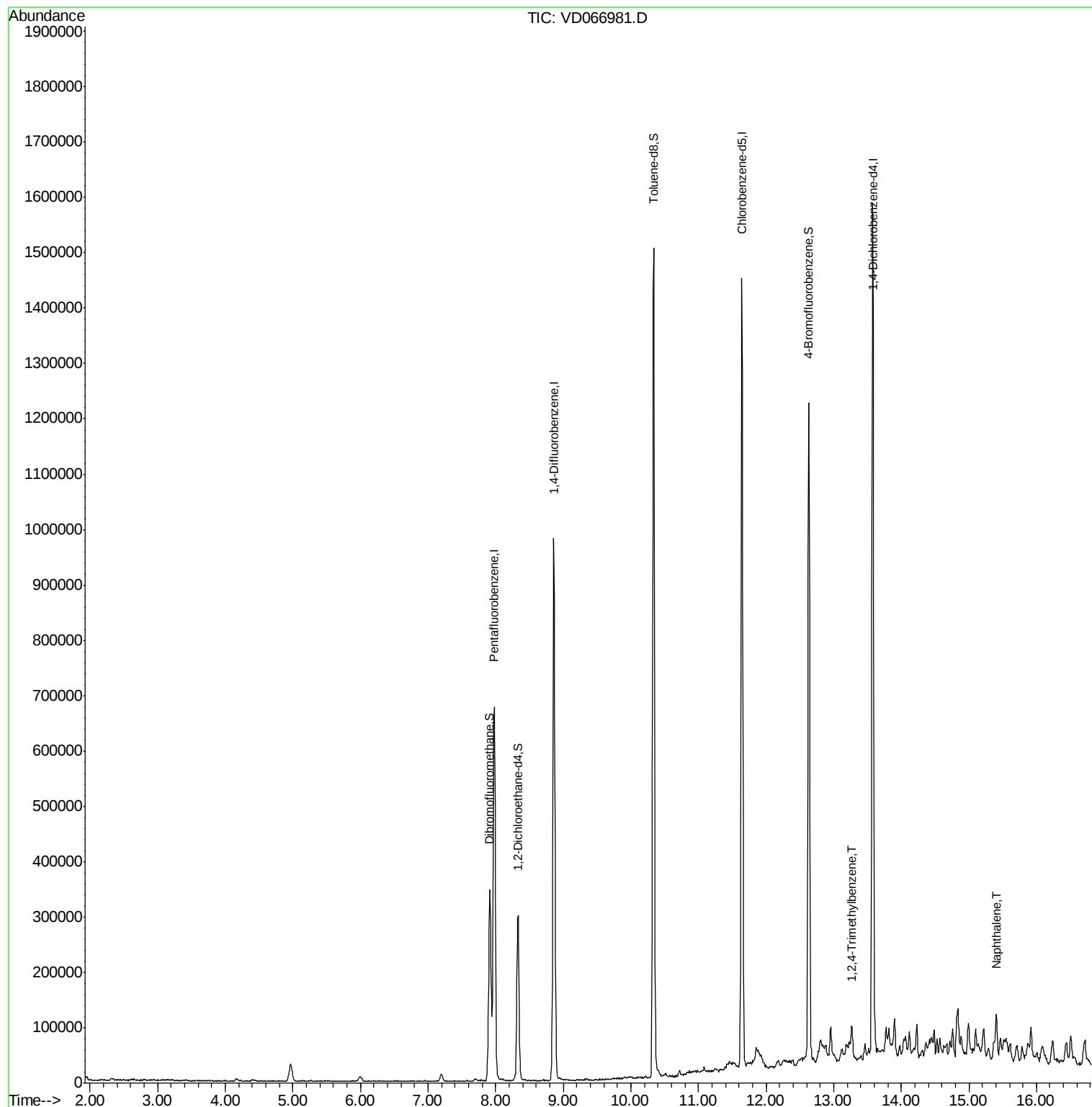
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	504714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	854266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	851802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	415712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	241481	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
35) Dibromofluoromethane	7.91	113	263682	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.34	98	1035793	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.88%	
62) 4-Bromofluorobenzene	12.63	95	396603	62.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.12%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	25958	1.027	ug/l	95
95) Naphthalene	15.41	128	67987	5.358	ug/l	98

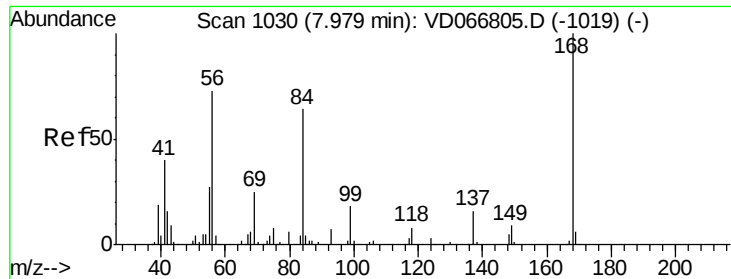
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 01:34:05 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066981.D

Acq: 30 Sep 2020 18:38

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MSVOA_D

ClientSampleId :

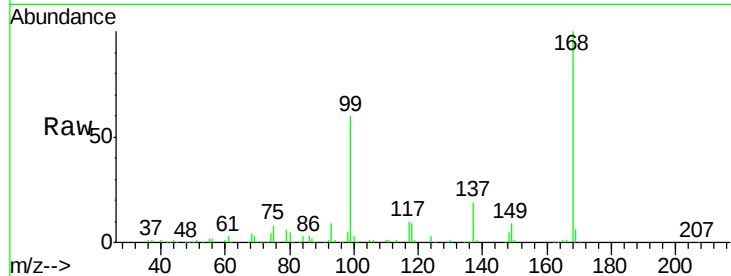
B-7(12-14)

Tot Ion:168 Resp: 504714

Ion Ratio Lower Upper

168 100

99 60.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

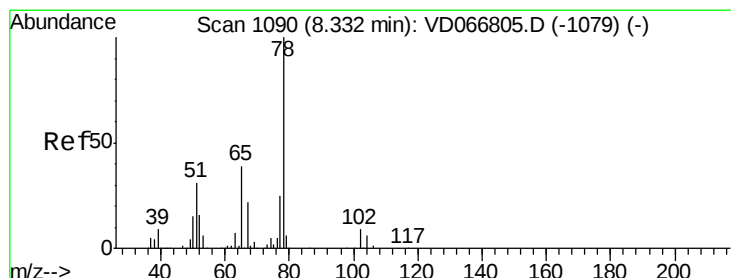
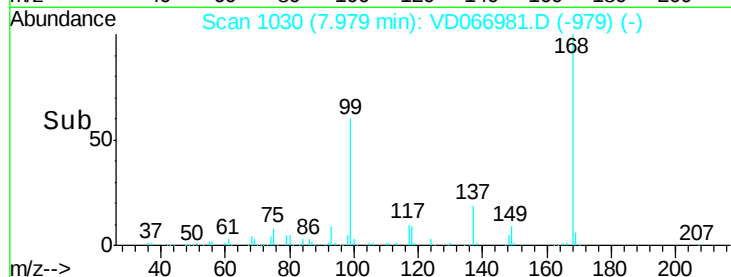
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.883 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066981.D

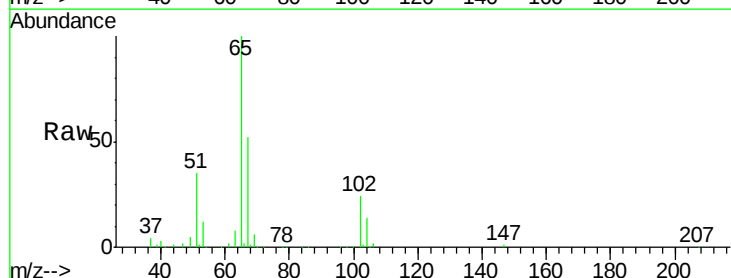
Acq: 30 Sep 2020 18:38

Tgt Ion: 65 Resp: 241481

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

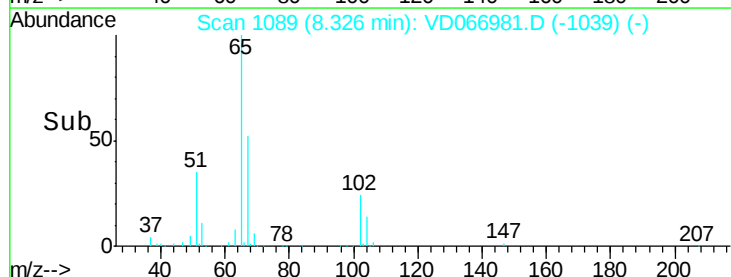
60000

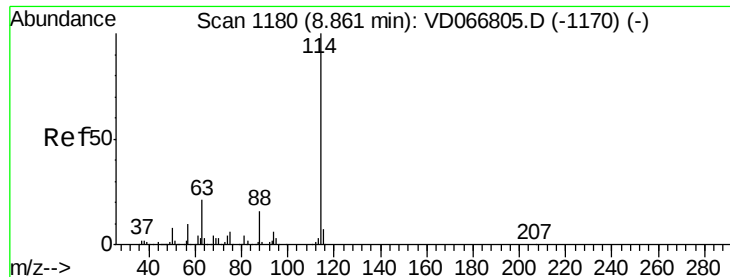
40000

20000

0

Time-->

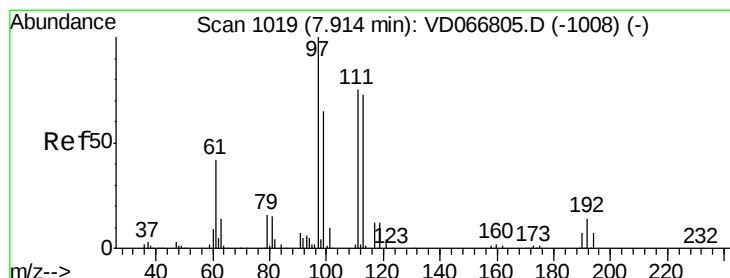
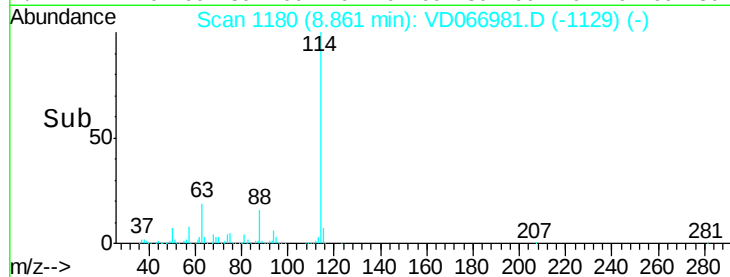
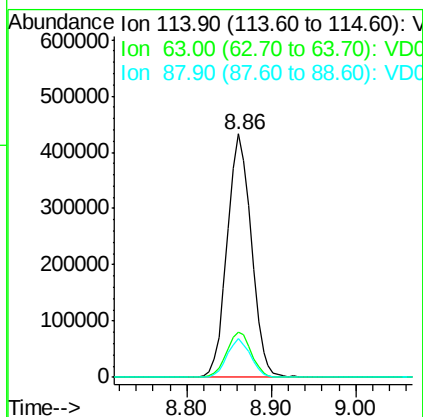
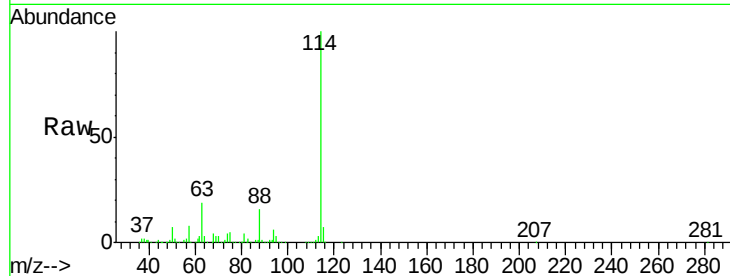




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066981.D
 Acq: 30 Sep 2020 18:38

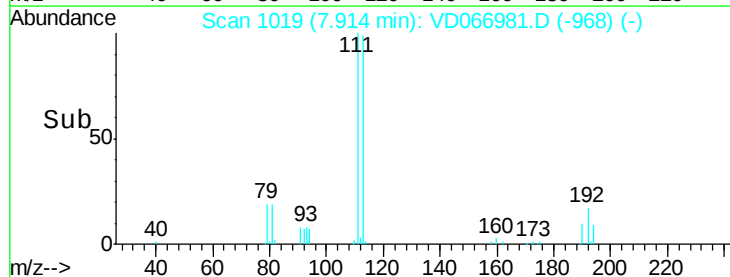
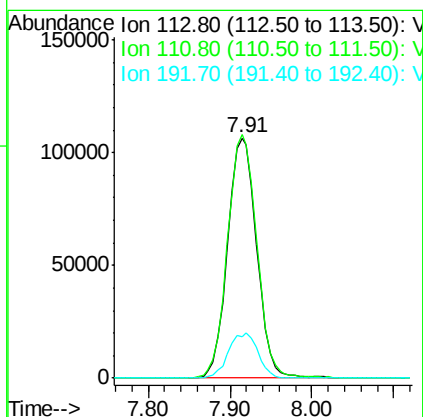
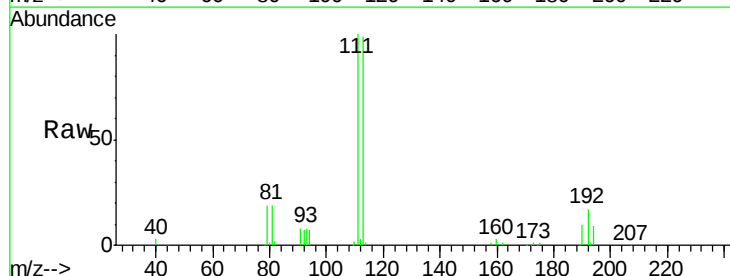
Instrument :
 MSVOA_D
 ClientSampleId :
 B-7(12-14)

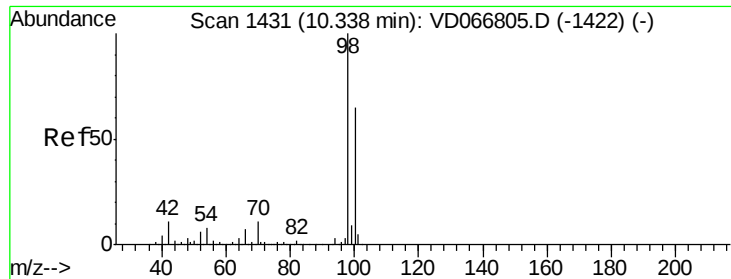
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.6
88	15.8	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 48.517 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066981.D
 Acq: 30 Sep 2020 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	19.0	14.4	21.6





#50

Toluene-d8

Concen: 55.936 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066981.D

Acq: 30 Sep 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

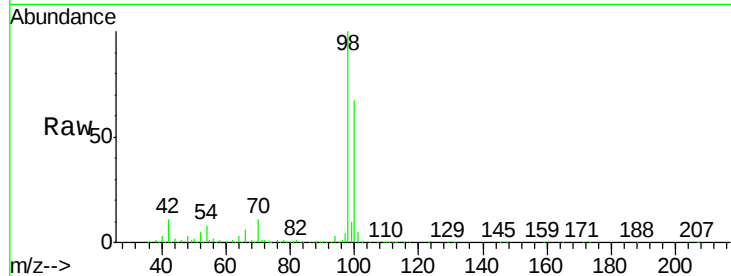
B-7(12-14)

Tot Ion: 98 Resp: 1035793

Ion Ratio Lower Upper

98 100

100 67.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

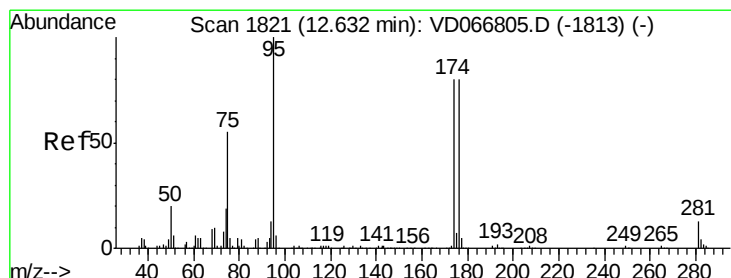
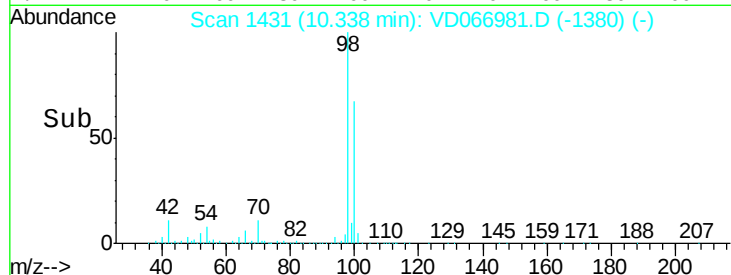
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 62.564 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066981.D

Acq: 30 Sep 2020 18:38

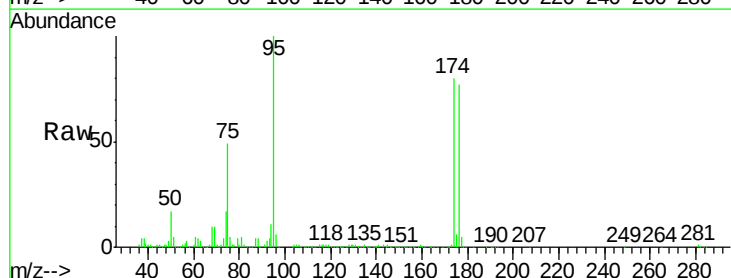
Tgt Ion: 95 Resp: 396603

Ion Ratio Lower Upper

95 100

174 81.6 0.0 159.8

176 78.8 0.0 154.4



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

300000

250000

200000

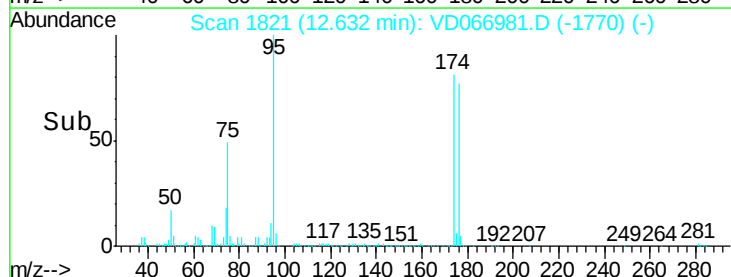
150000

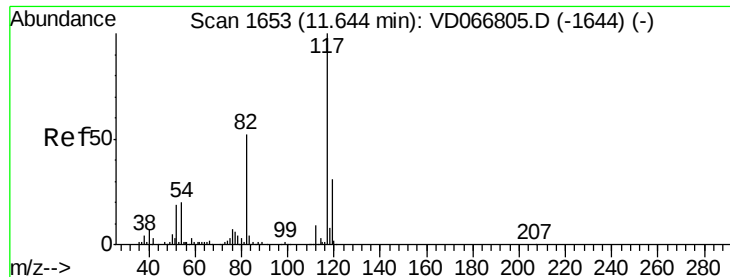
100000

50000

0

Time--> 12.50 12.60 12.70

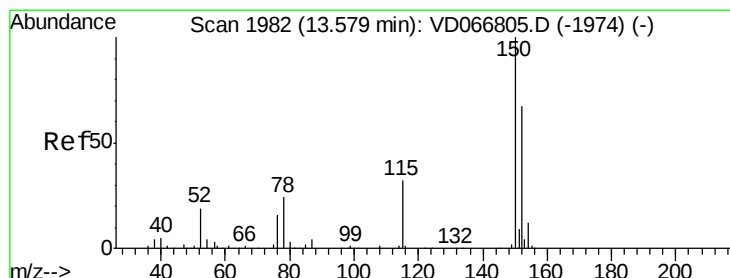
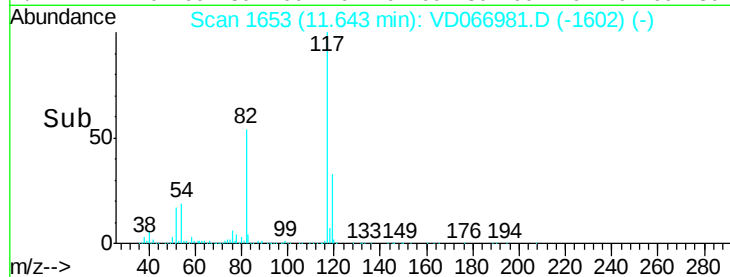
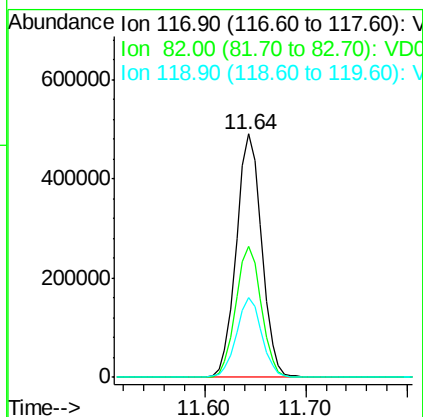
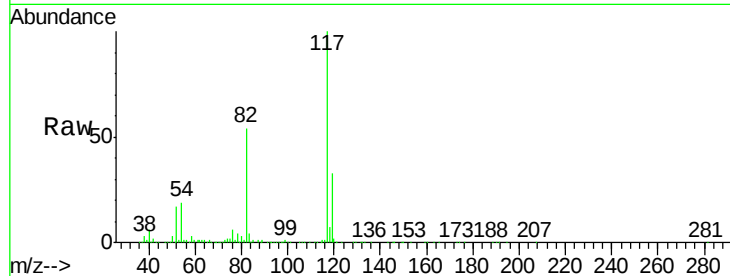




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066981.D
Acq: 30 Sep 2020 18:38

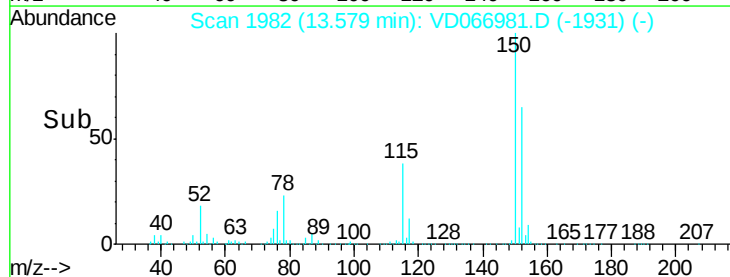
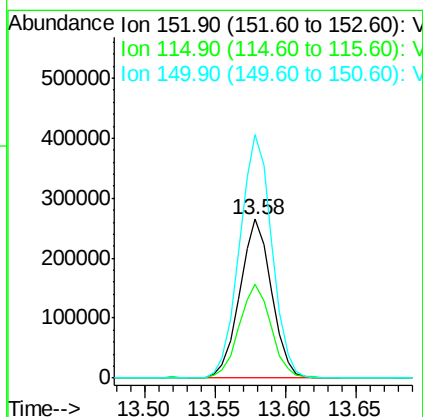
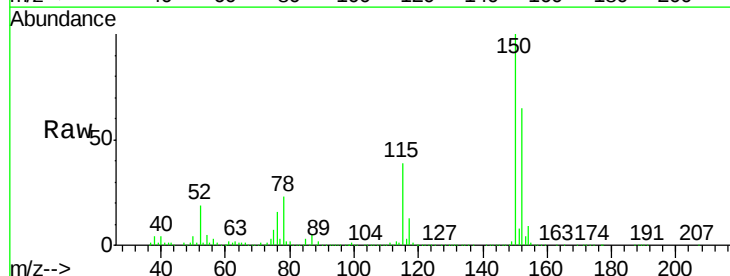
Instrument :
MSVOA_D
ClientSampleId :
B-7(12-14)

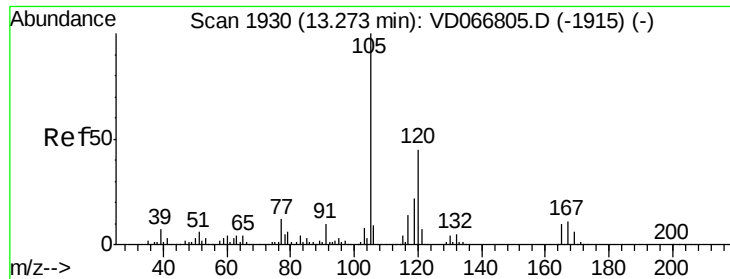
Tot Ion:117 Resp: 851802
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.6
119 32.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066981.D
Acq: 30 Sep 2020 18:38

Tgt Ion:152 Resp: 415712
Ion Ratio Lower Upper
152 100
115 59.5 30.3 91.0
150 156.1 0.0 346.2





#84

1,2,4-Trimethylbenzene

Concen: 1.027 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066981.D

Acq: 30 Sep 2020 18:38

Instrument :

MSVOA_D

ClientSampleId :

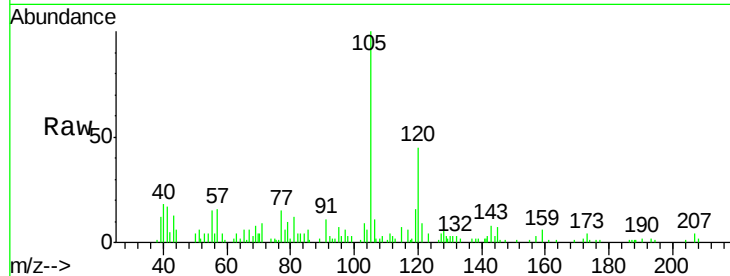
B-7(12-14)

Tot Ion:105 Resp: 25958

Ion Ratio Lower Upper

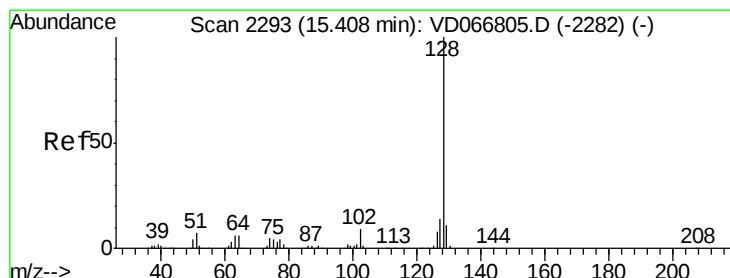
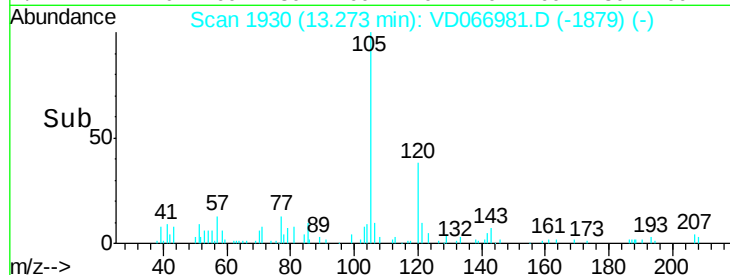
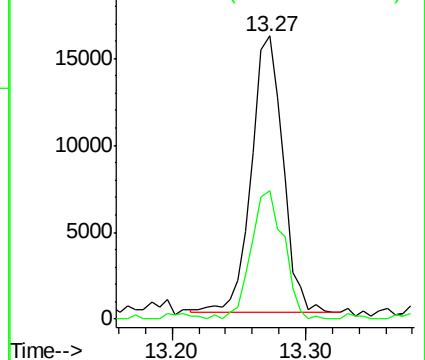
105 100

120 48.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 5.358 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066981.D

Acq: 30 Sep 2020 18:38

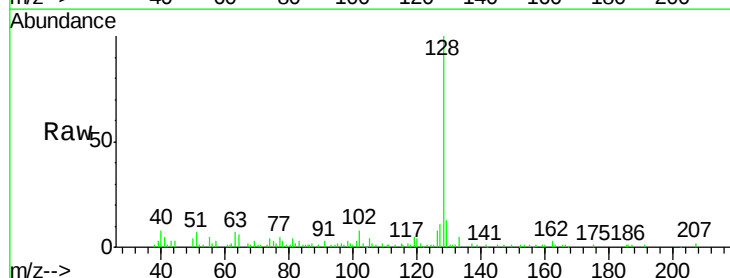
Tgt Ion:128 Resp: 67987

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 12.1 8.9 13.3



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

