

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066941.D
 Acq On : 29 Sep 2020 16:19
 Operator : VA/SY
 Sample : L4172-10
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 30 03:46:08 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	7.97	168	9147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	14848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	16282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7569	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	7290	81.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	162.86%	
35) Dibromofluoromethane	7.90	113	3713	39.31	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	78.62%	
50) Toluene-d8	10.34	98	16889	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.64	95	7046	63.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.90%	

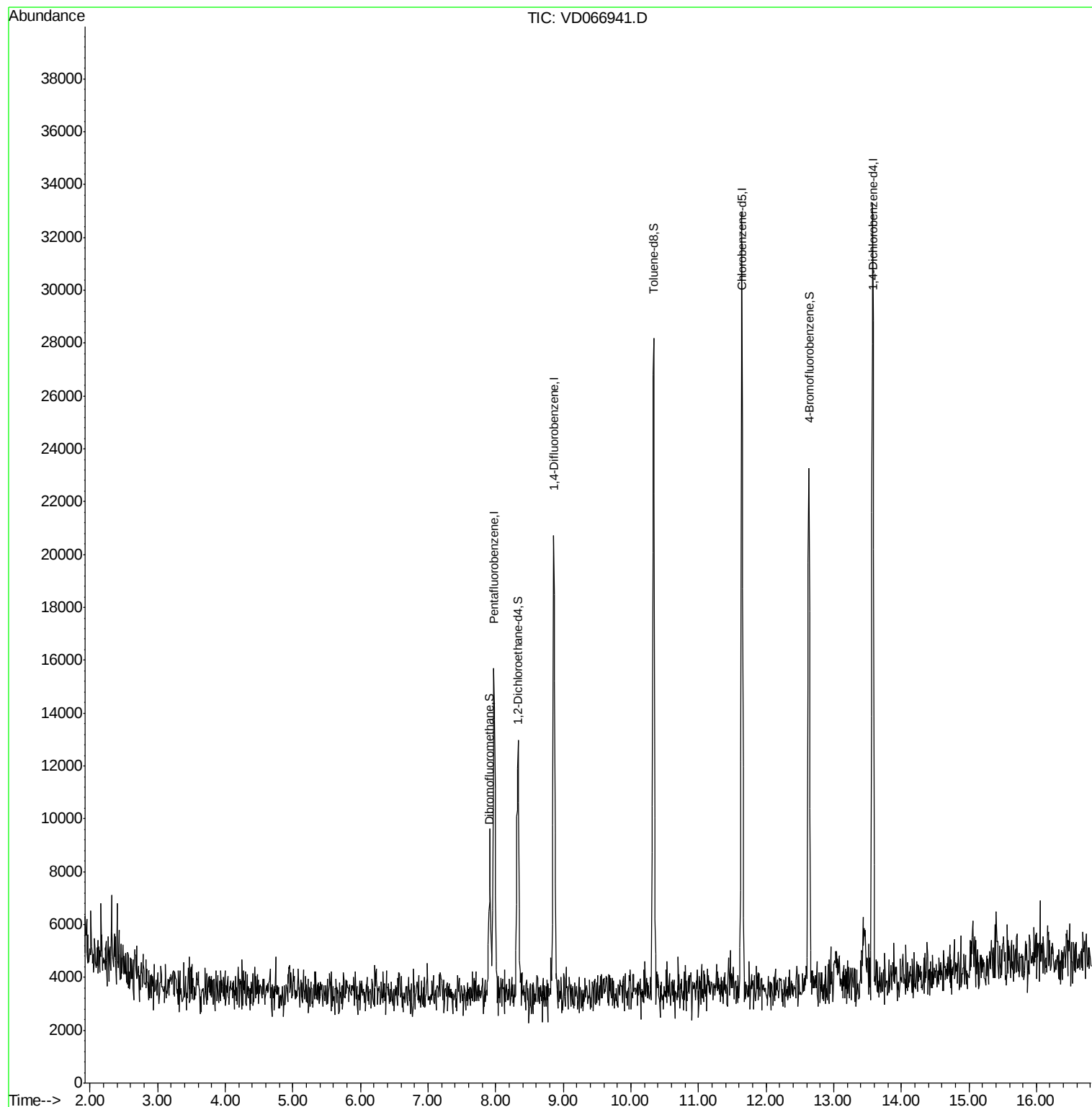
Target Compounds	Qvalue

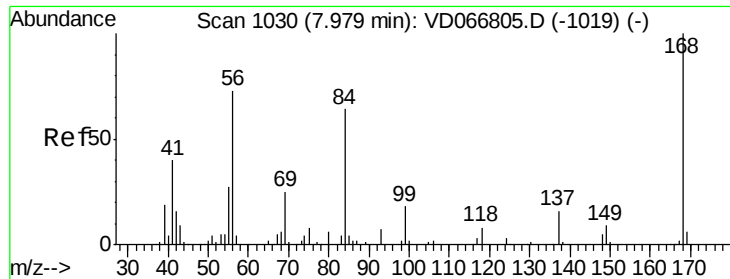
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066941.D

Acq: 29 Sep 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

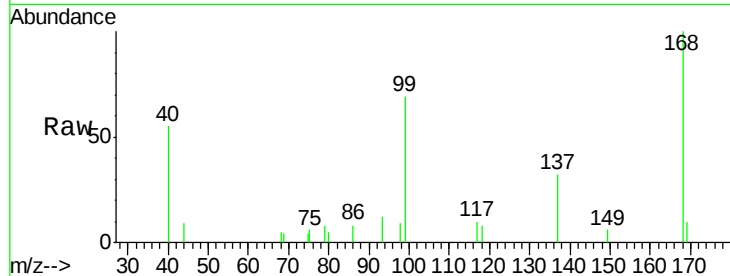
B-7(12-14)

Tot Ion:168 Resp: 9147

Ion Ratio Lower Upper

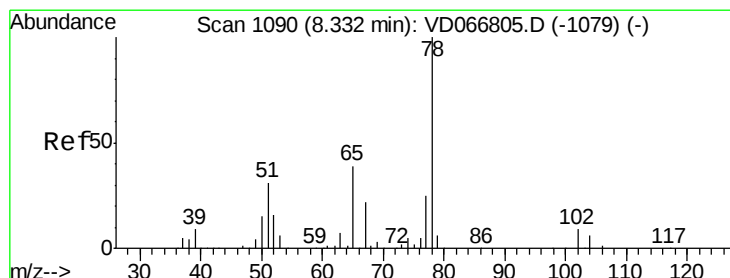
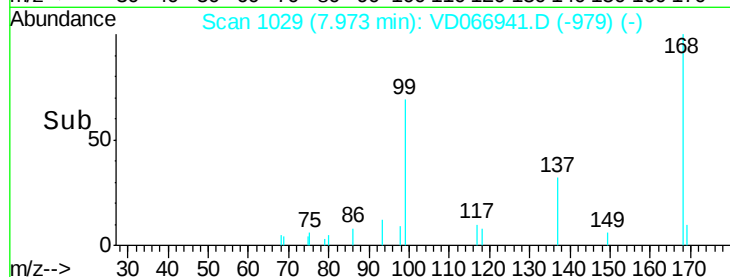
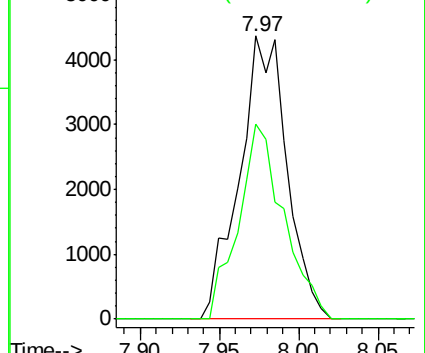
168 100

99 68.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 81.428 ug/l

RT: 8.32 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VD066941.D

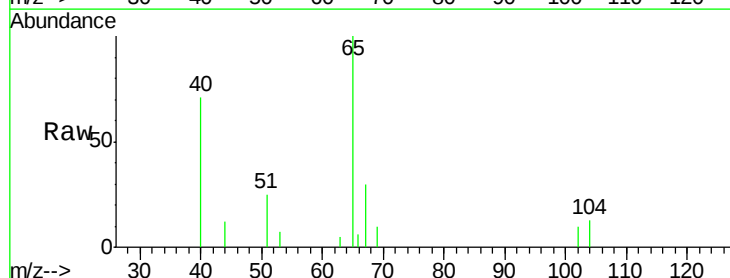
Acq: 29 Sep 2020 16:19

Tgt Ion: 65 Resp: 7290

Ion Ratio Lower Upper

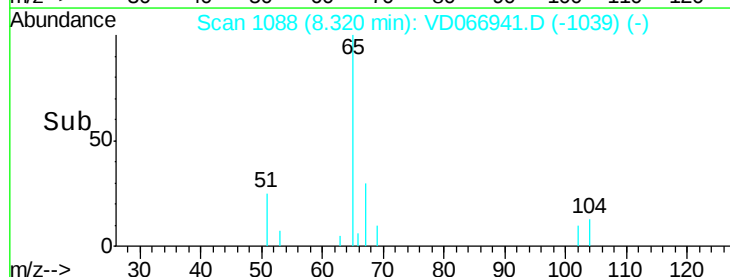
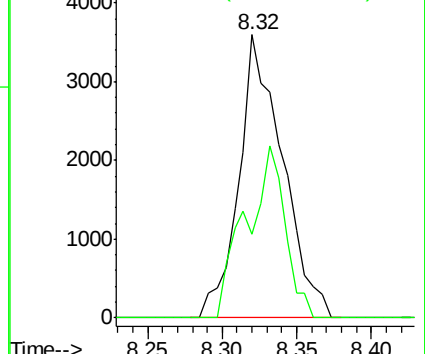
65 100

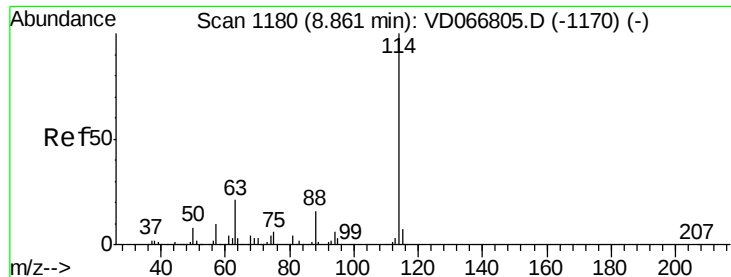
67 54.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

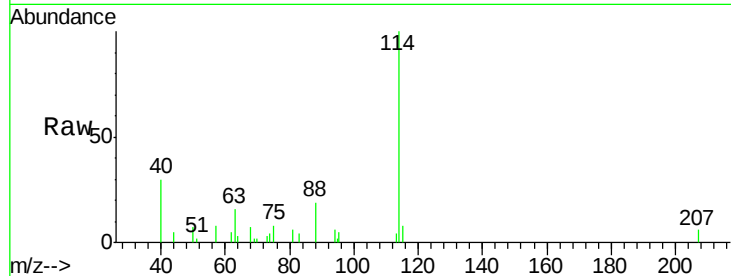




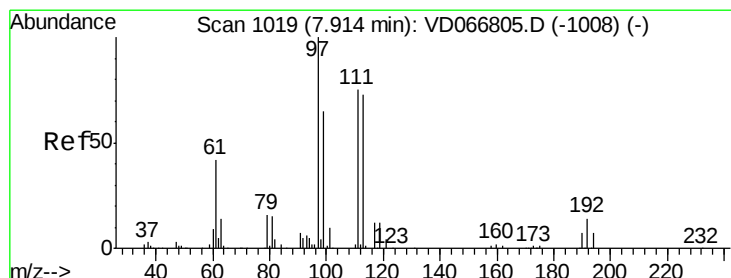
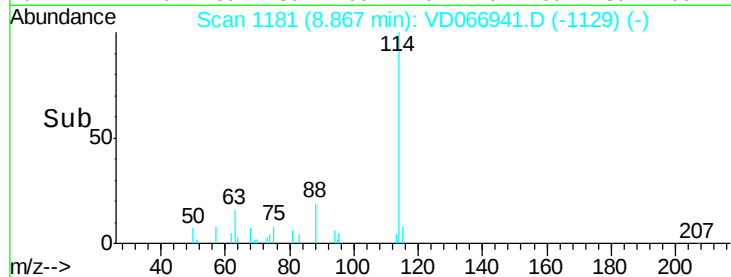
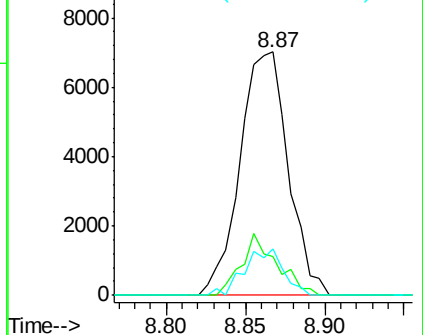
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD066941.D
 Acq: 29 Sep 2020 16:19

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

Tot Ion:114 Resp: 14848
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 42.6
 88 19.1 0.0 32.6

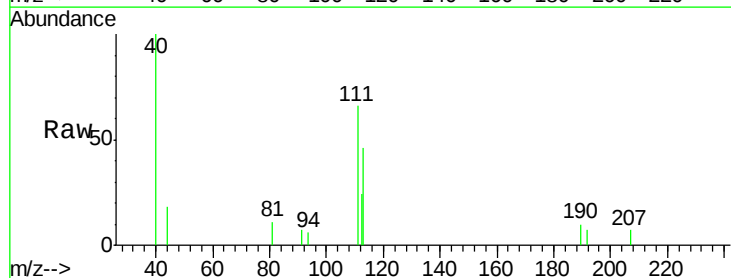


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

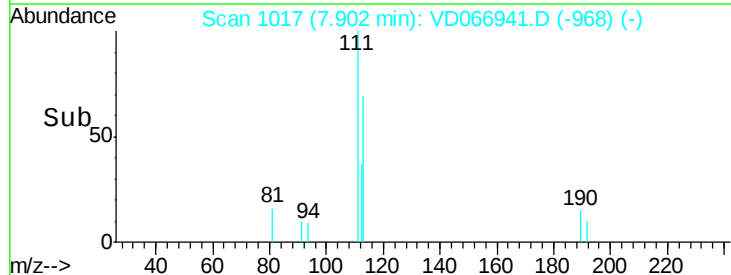
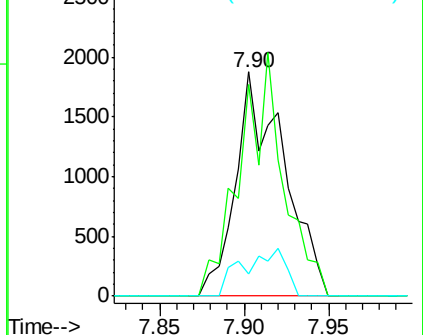


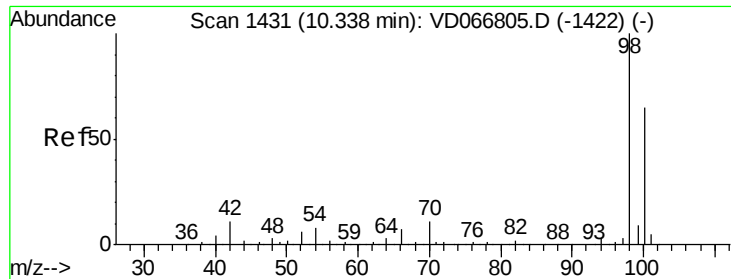
#35
 Dibromofluoromethane
 Concen: 39.306 ug/l
 RT: 7.90 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VD066941.D
 Acq: 29 Sep 2020 16:19

Tgt Ion:113 Resp: 3713
 Ion Ratio Lower Upper
 113 100
 111 0.0 81.8 122.8#
 192 6.7 14.4 21.6#



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: 52.474 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066941.D

Acq: 29 Sep 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

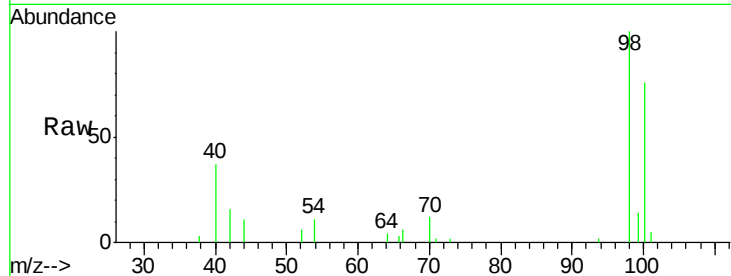
B-7(12-14)

Tot Ion: 98 Resp: 16889

Ion Ratio Lower Upper

98 100

100 63.3 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

10000

8000

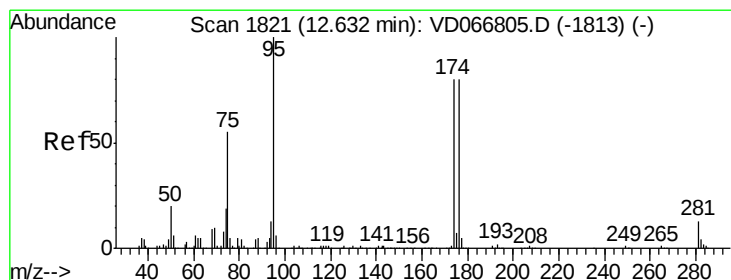
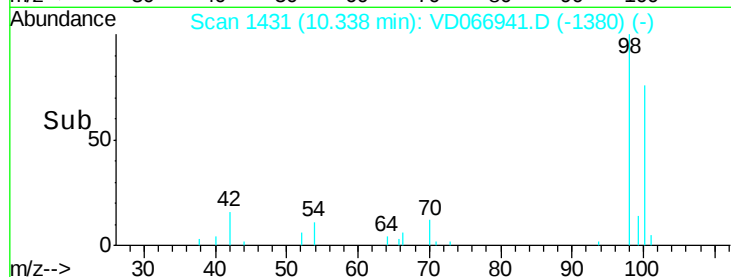
6000

4000

2000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 63.949 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD066941.D

Acq: 29 Sep 2020 16:19

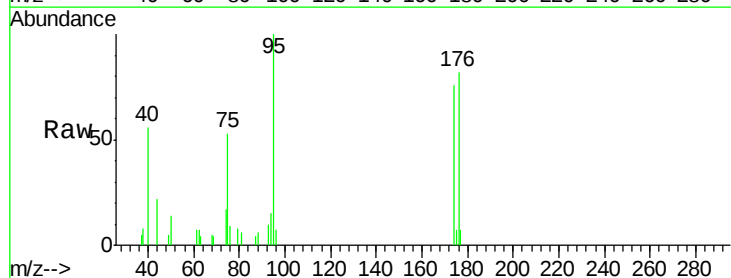
Tgt Ion: 95 Resp: 7046

Ion Ratio Lower Upper

95 100

174 88.9 0.0 159.8

176 76.3 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

5000

4000

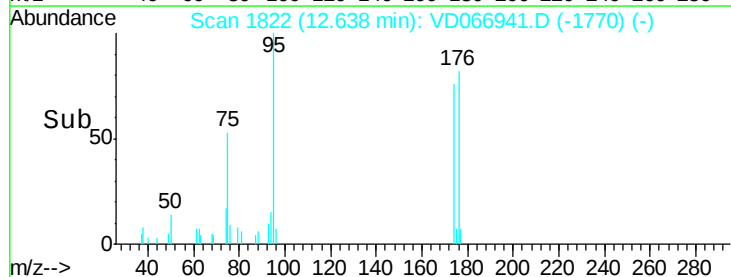
3000

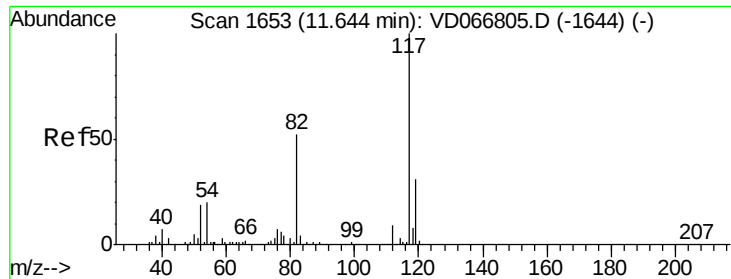
2000

1000

0

Time-->

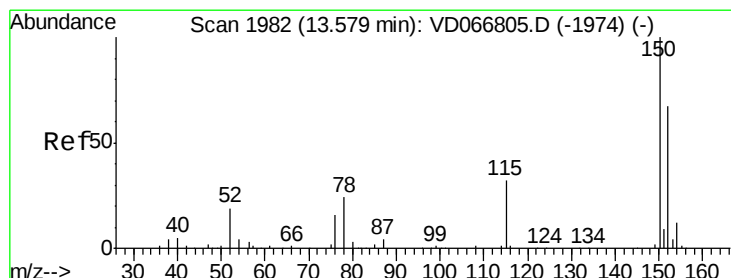
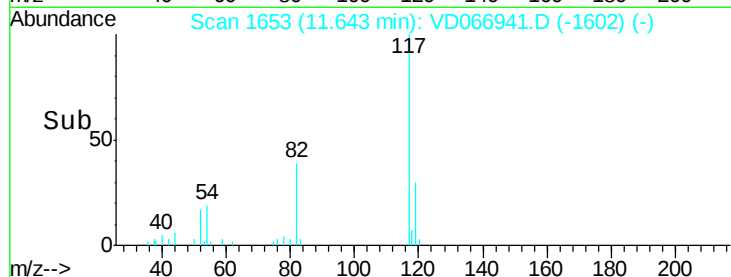
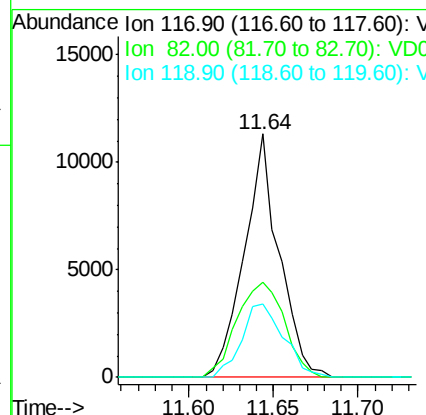
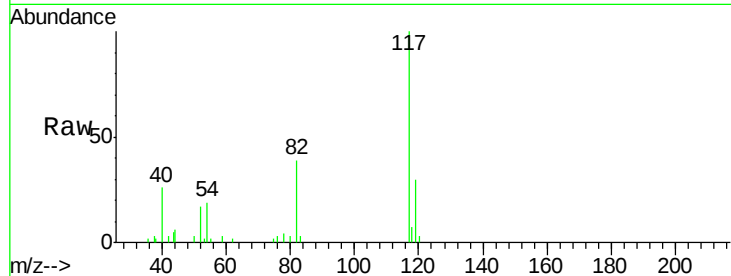




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066941.D
Acq: 29 Sep 2020 16:19

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

Tot Ion:117 Resp: 16282
Ion Ratio Lower Upper
117 100
82 38.8 41.8 62.6#
119 30.1 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: VD066941.D
Acq: 29 Sep 2020 16:19

Tgt Ion:152 Resp: 7569
Ion Ratio Lower Upper
152 100
115 68.5 30.3 91.0
150 167.2 0.0 346.2

