

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066935.D
 Acq On : 29 Sep 2020 13:34
 Operator : VA/SY
 Sample : L4173-09
 Misc : 6.26G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-(3FT)

Quant Time: Sep 30 03:30:27 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	5049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	7784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	8916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	3544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	3556	71.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.92%	
35) Dibromofluoromethane	7.92	113	1215	24.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.06%	
50) Toluene-d8	10.33	98	9359	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.62	95	3318	57.44	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.88%	

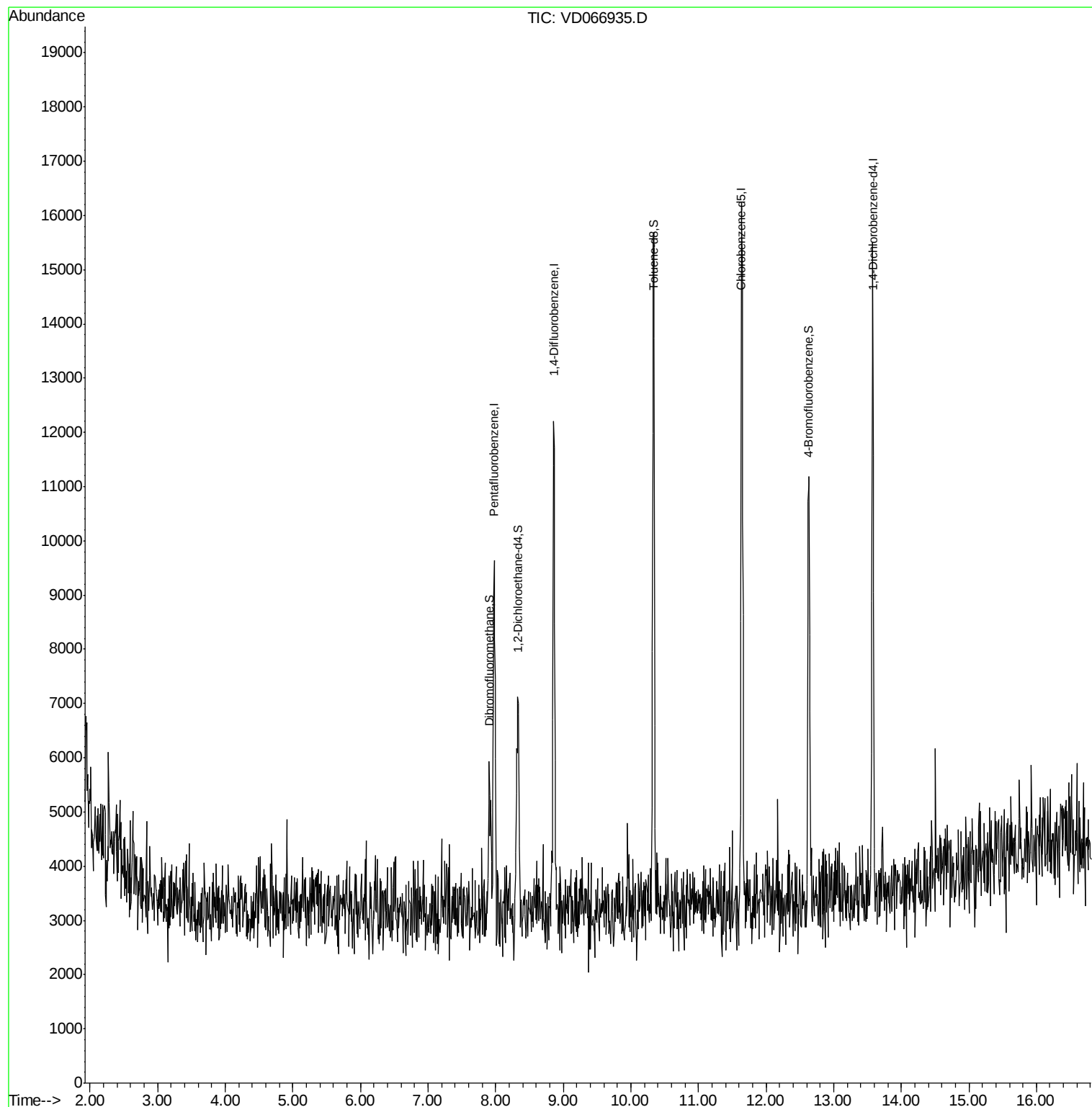
Target Compounds	Qvalue
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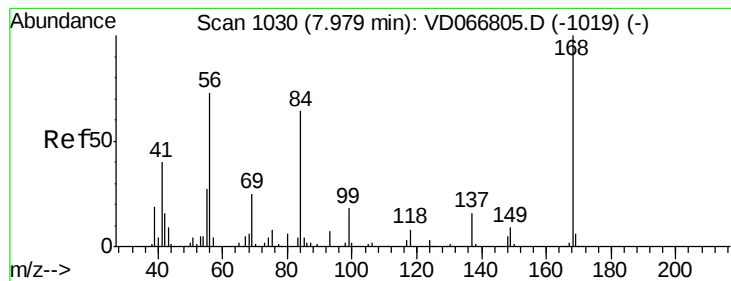
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

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Acq: 29 Sep 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

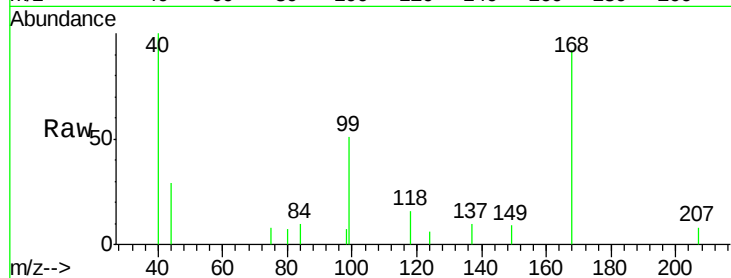
TP-3-(3FT)

Tot Ion:168 Resp: 5049

Ion Ratio Lower Upper

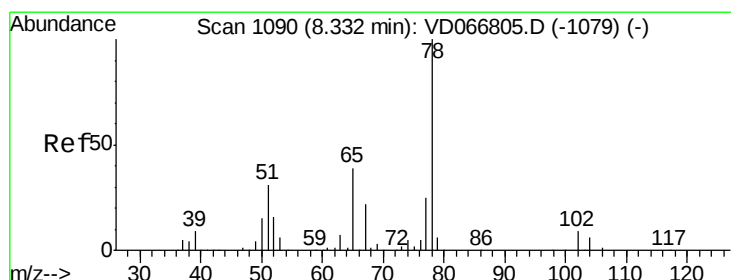
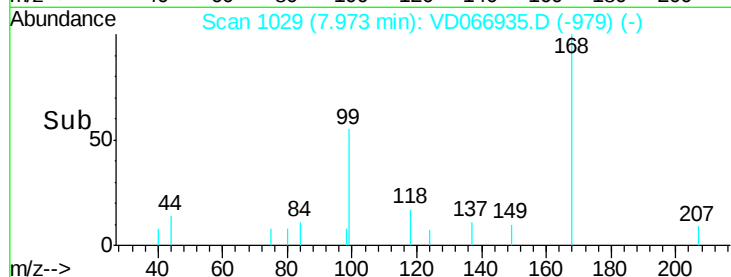
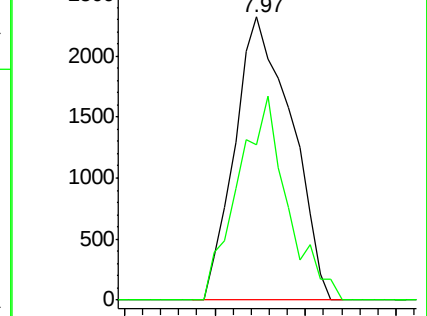
168 100

99 55.1 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: 71.958 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066935.D

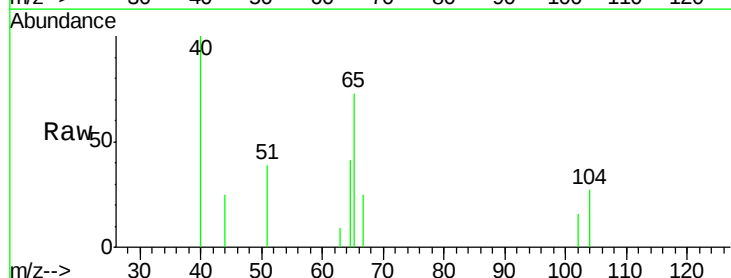
Acq: 29 Sep 2020 13:34

Tgt Ion: 65 Resp: 3556

Ion Ratio Lower Upper

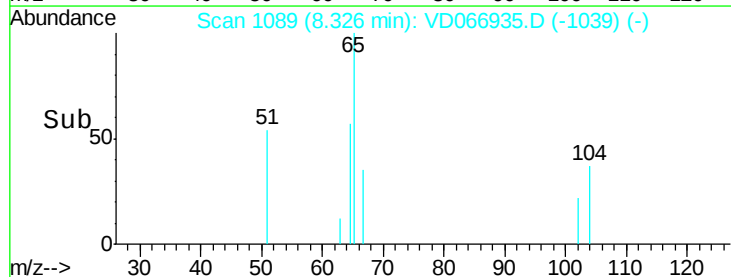
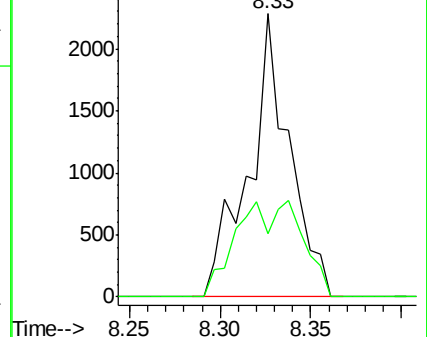
65 100

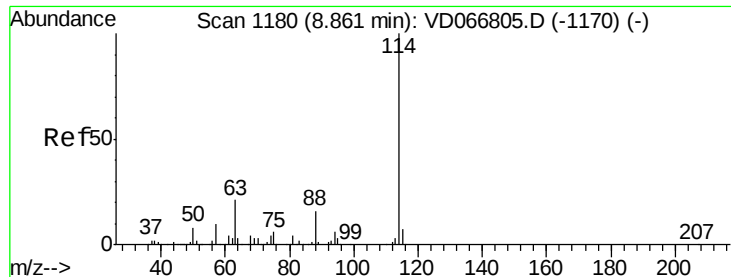
67 29.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

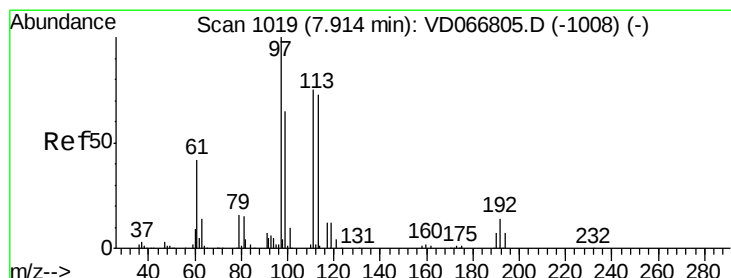
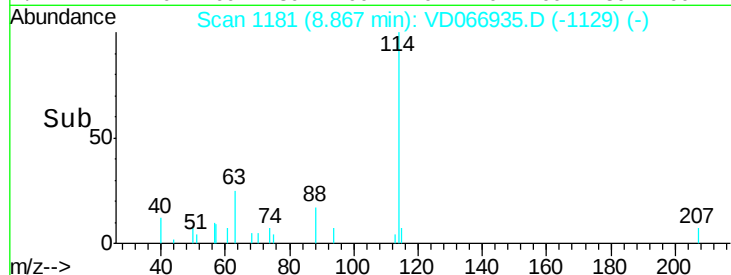
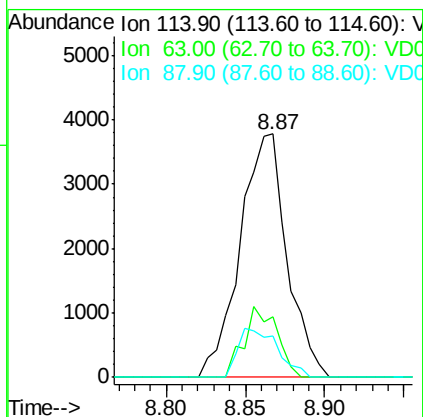
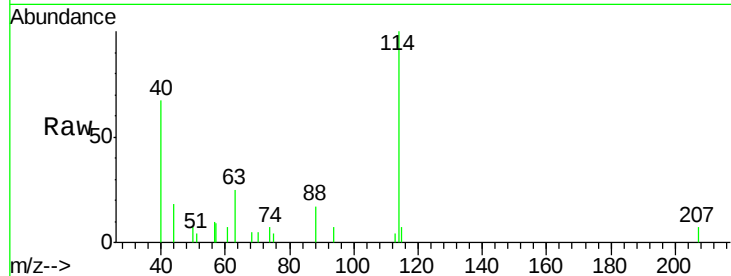




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD066935.D
 Acq: 29 Sep 2020 13:34

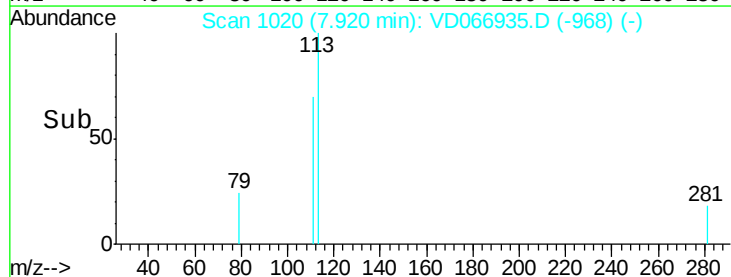
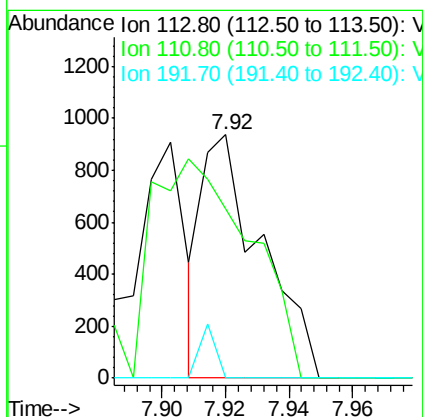
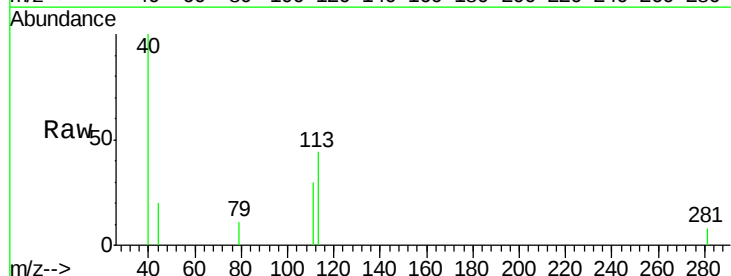
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-(3FT)

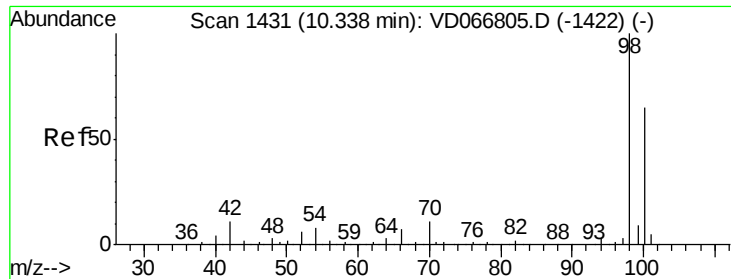
Tot Ion:114 Resp: 7784
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 42.6
 88 17.1 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 24.535 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD066935.D
 Acq: 29 Sep 2020 13:34

Tgt Ion:113 Resp: 1215
 Ion Ratio Lower Upper
 113 100
 111 154.8 81.8 122.8#
 192 6.0 14.4 21.6#





#50

Toluene-d8

Concen: 55.468 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066935.D

Acq: 29 Sep 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

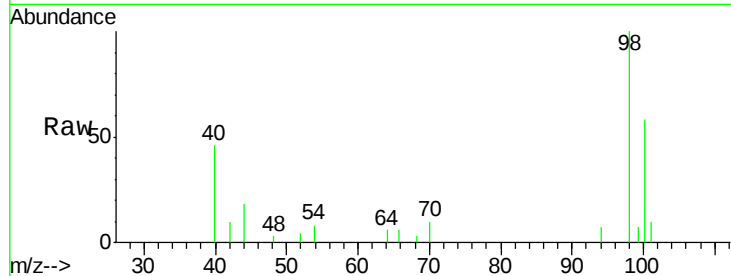
TP-3-(3FT)

Tot Ion: 98 Resp: 9359

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.33

6000

5000

4000

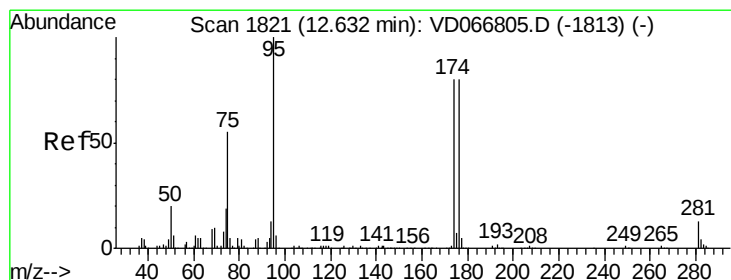
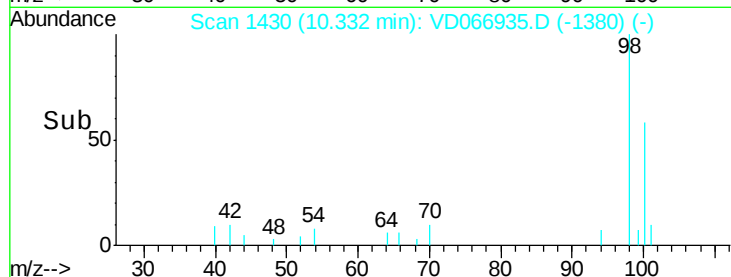
3000

2000

1000

0

Time--> 10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 57.443 ug/l

RT: 12.62 min Scan# 1819

Delta R.T. -0.01 min

Lab File: VD066935.D

Acq: 29 Sep 2020 13:34

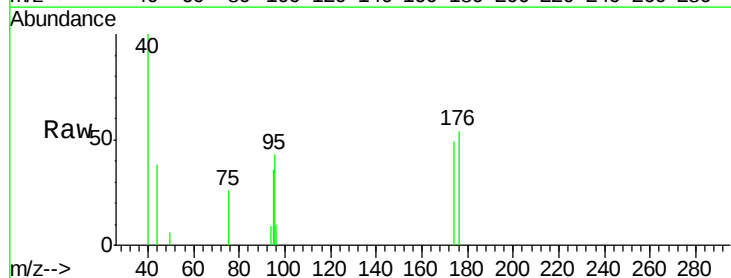
Tgt Ion: 95 Resp: 3318

Ion Ratio Lower Upper

95 100

174 97.8 0.0 159.8

176 72.6 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

2500

2000

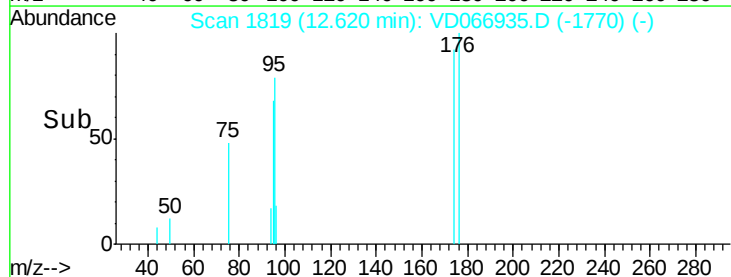
1500

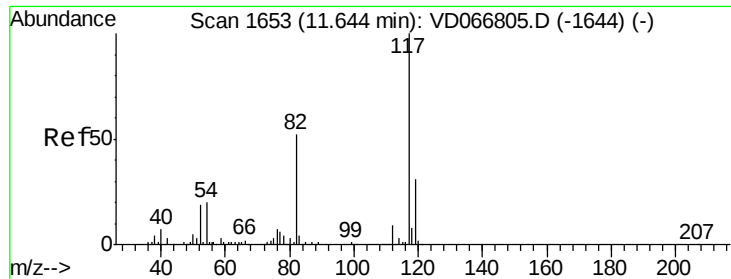
1000

500

0

Time--> 12.60 12.65

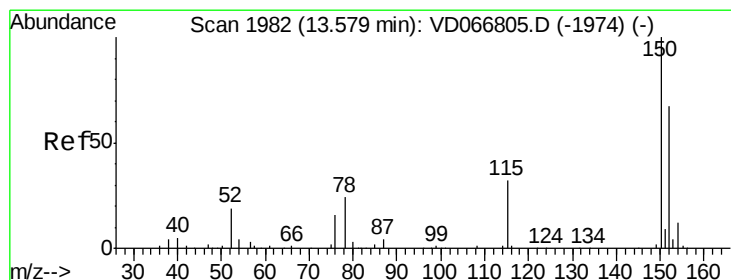
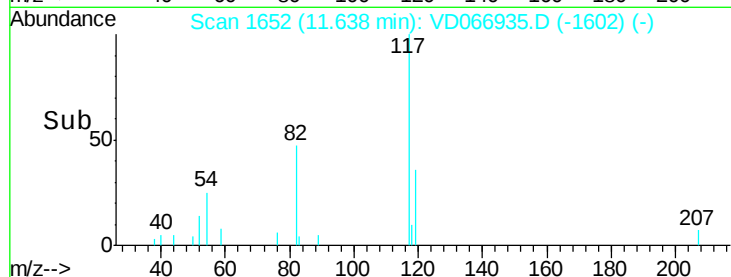
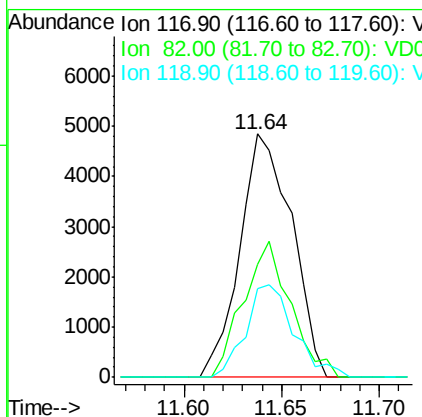
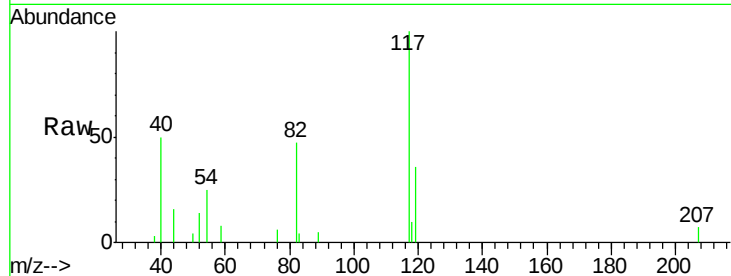




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VD066935.D
Acq: 29 Sep 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
TP-3-(3FT)

Tot Ion:117 Resp: 8916
Ion Ratio Lower Upper
117 100
82 46.6 41.8 62.6
119 36.5 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: VD066935.D
Acq: 29 Sep 2020 13:34

Tgt Ion:152 Resp: 3544
Ion Ratio Lower Upper
152 100
115 57.3 30.3 91.0
150 139.9 0.0 346.2

