

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066979.D
 Acq On : 30 Sep 2020 17:43
 Operator : VA/SY
 Sample : L4193-07
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-14(13-14)

Quant Time: Oct 01 01:29:29 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	486444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	802408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	785093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	364503	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228159	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.91	113	249097	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.34	98	955883	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.63	95	340782	57.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.46%	

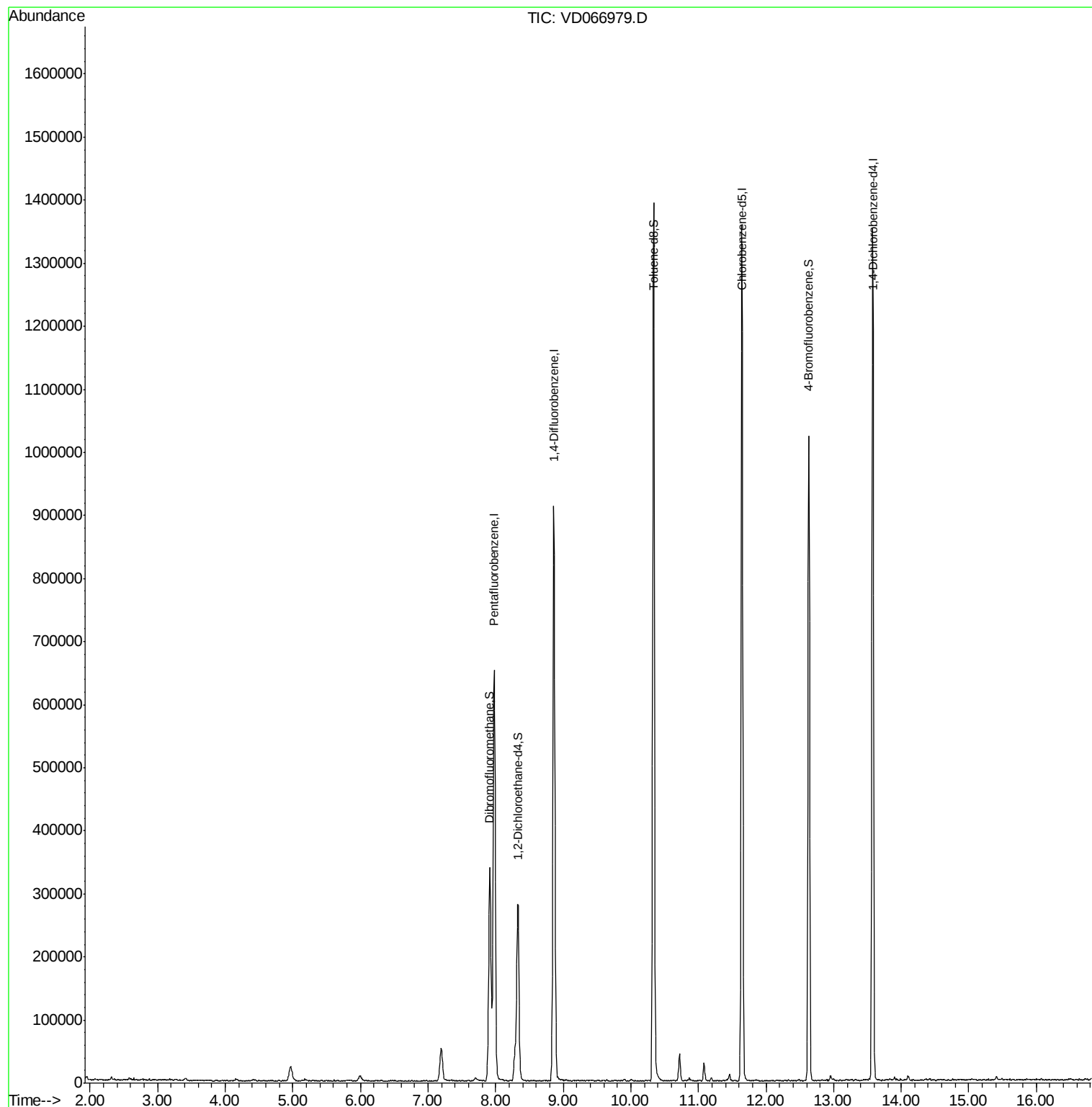
Target Compounds	Qvalue

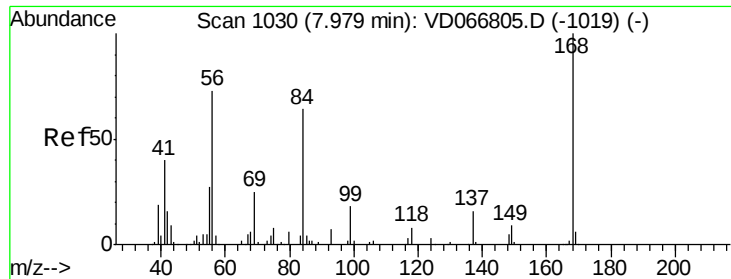
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066979.D

Acq: 30 Sep 2020 17:43

Instrument :

MSVOA_D

ClientSampleId :

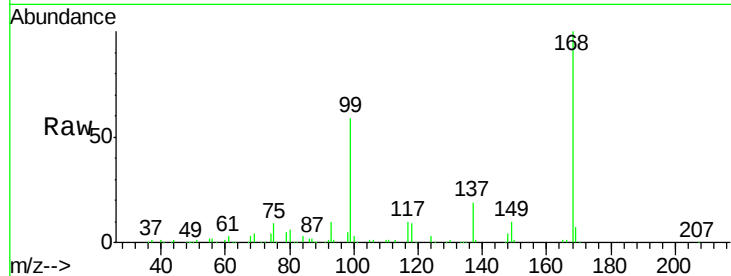
B-14(13-14)

Tot Ion:168 Resp: 486444

Ion Ratio Lower Upper

168 100

99 59.2 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

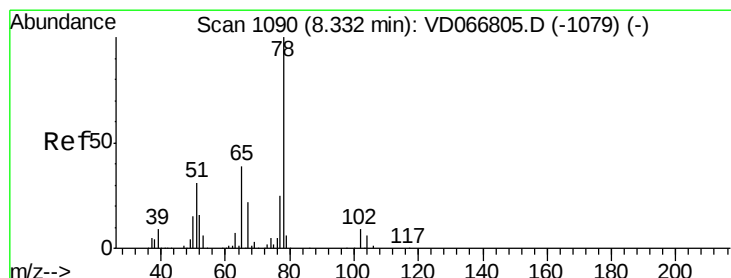
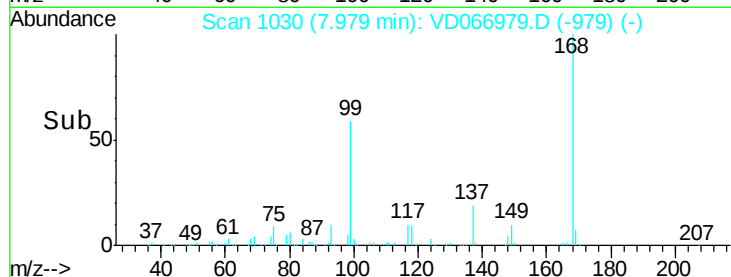
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.921 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066979.D

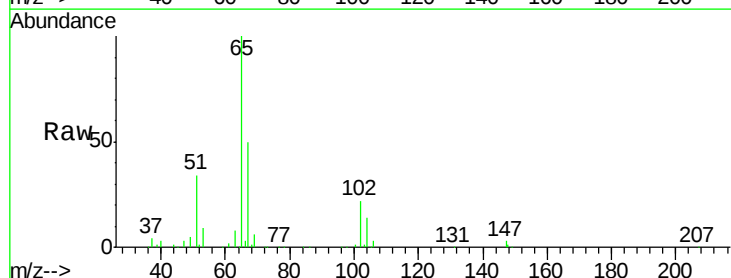
Acq: 30 Sep 2020 17:43

Tgt Ion: 65 Resp: 228159

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

120000

100000

80000

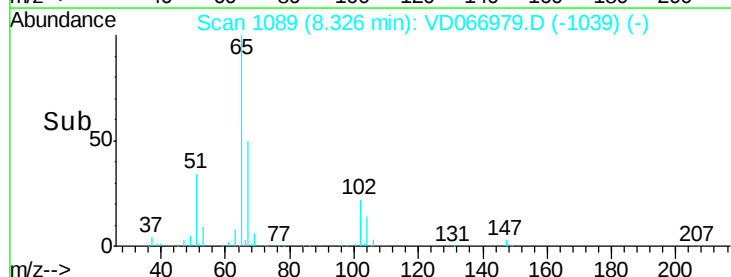
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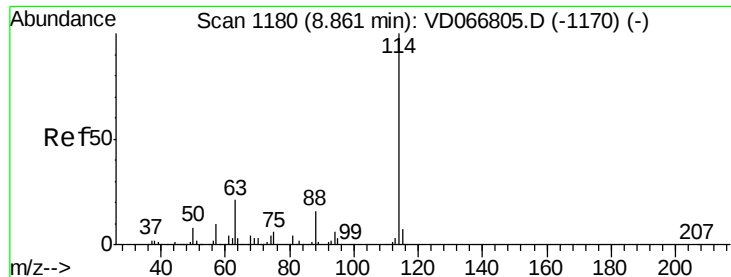
40000

20000

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Time-->

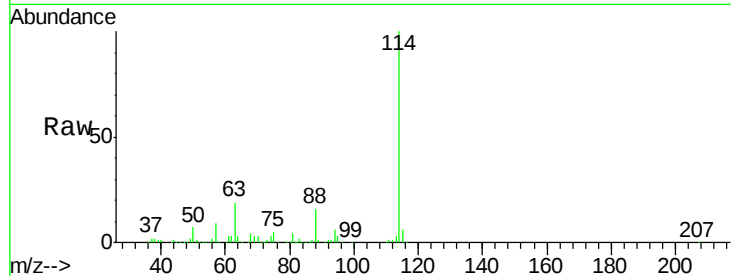




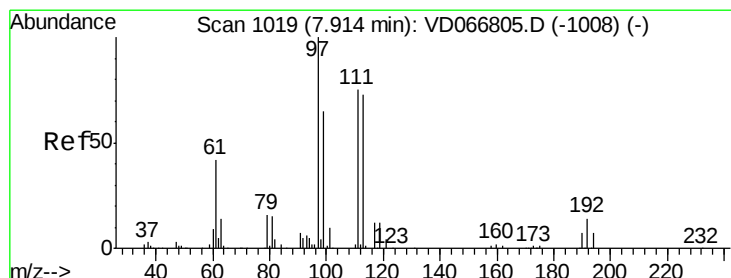
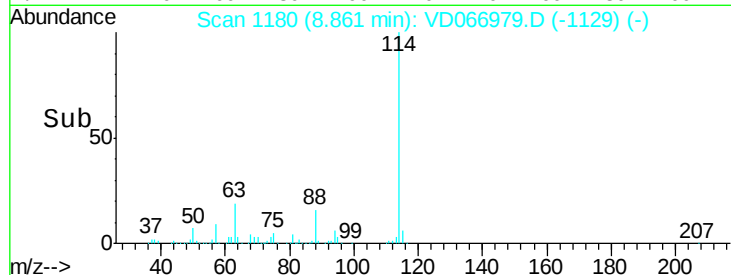
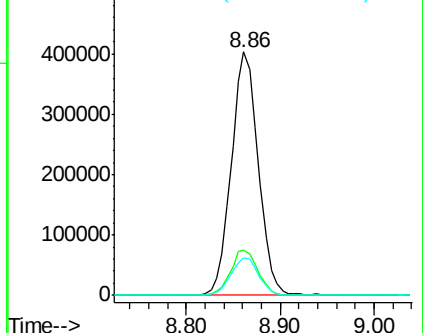
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066979.D
 Acq: 30 Sep 2020 17:43

Instrument :
 MSVOA_D
 ClientSampleId :
 B-14(13-14)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.6
88	15.5	0.0	32.6

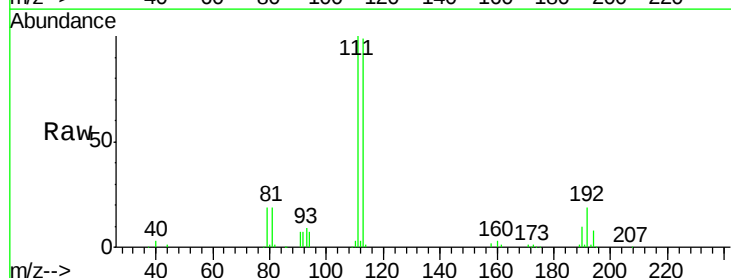


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

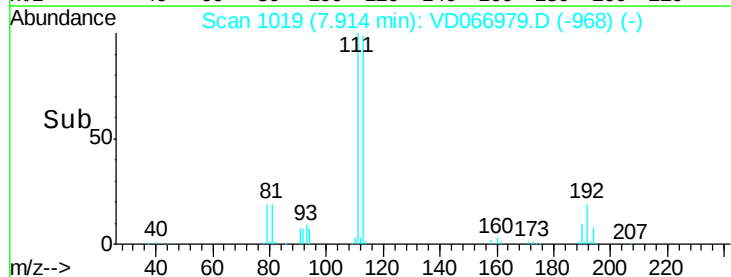
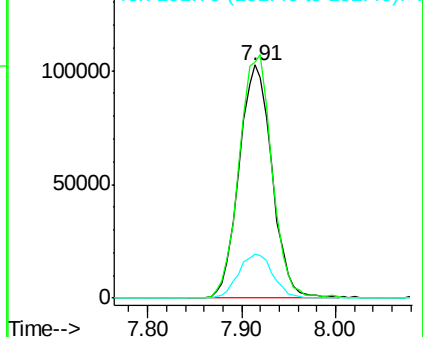


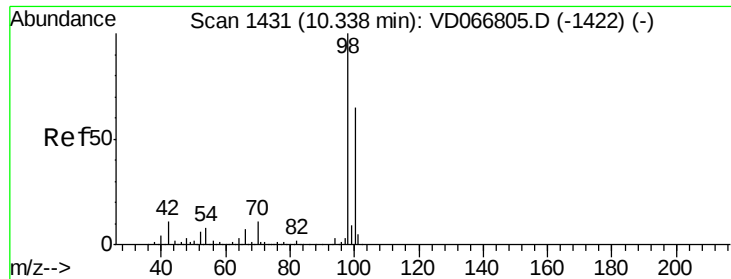
#35
 Dibromofluoromethane
 Concen: 48.795 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066979.D
 Acq: 30 Sep 2020 17:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.8	122.8
192	19.8	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

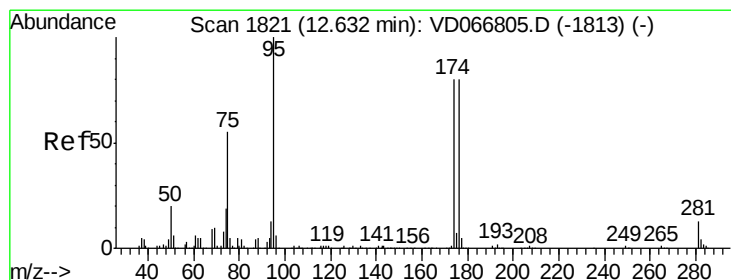
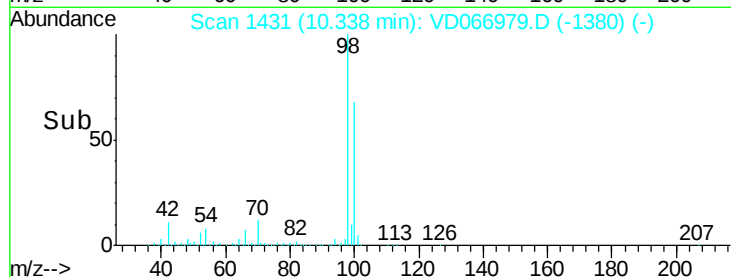
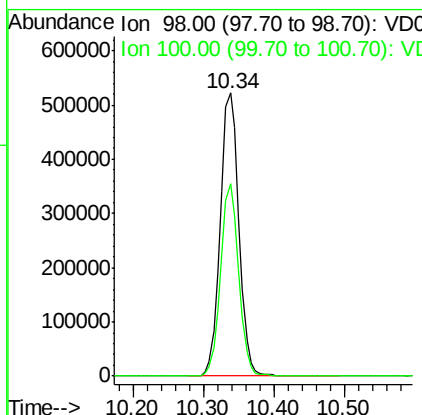
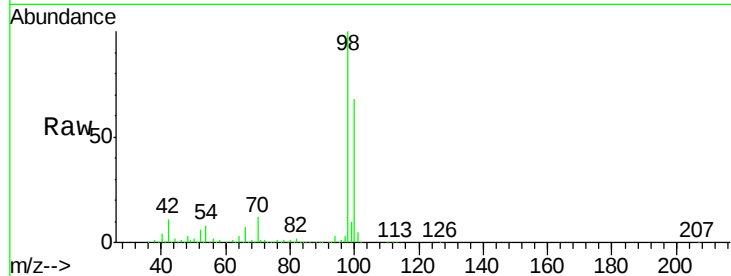




#50
Toluene-d8
Concen: 54.957 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066979.D
Acq: 30 Sep 2020 17:43

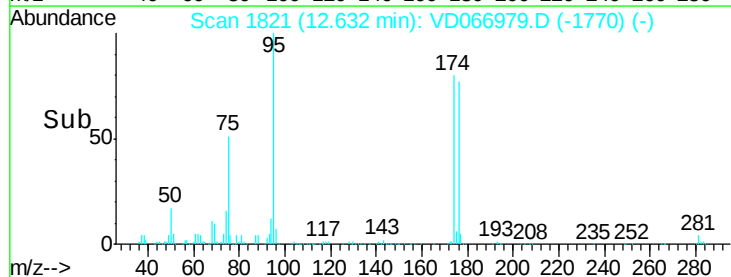
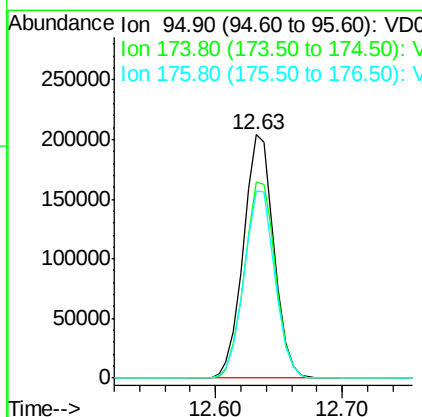
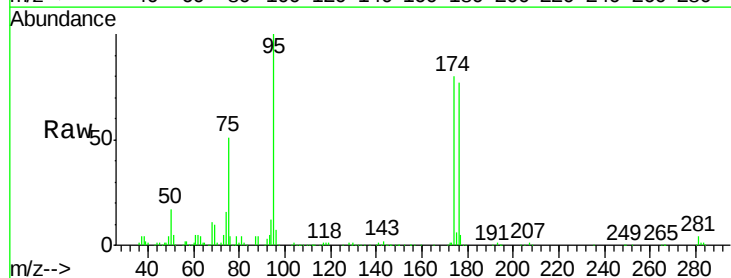
Instrument :
MSVOA_D
ClientSampleId :
B-14(13-14)

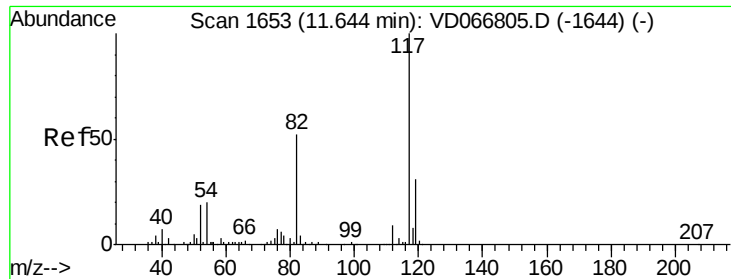
Tot Ion: 98 Resp: 955883
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 57.232 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066979.D
Acq: 30 Sep 2020 17:43

Tgt Ion: 95 Resp: 340782
Ion Ratio Lower Upper
95 100
174 82.3 0.0 159.8
176 78.1 0.0 154.4

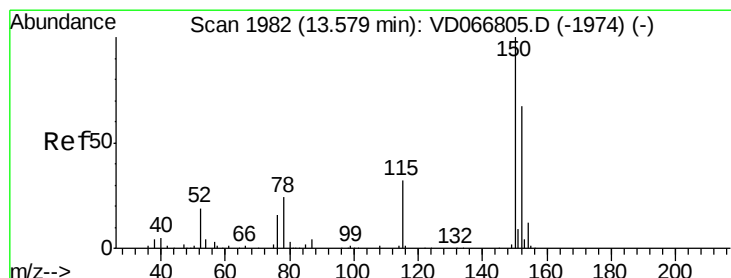
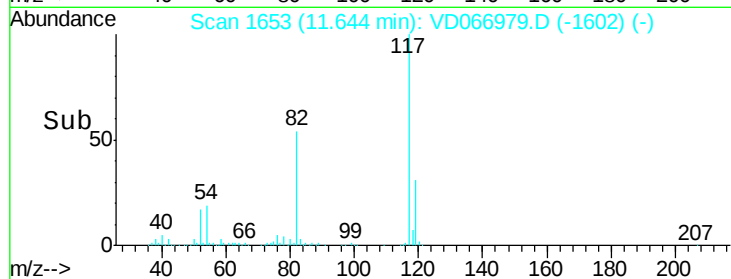
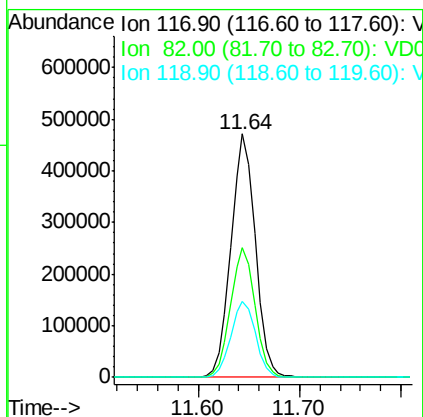
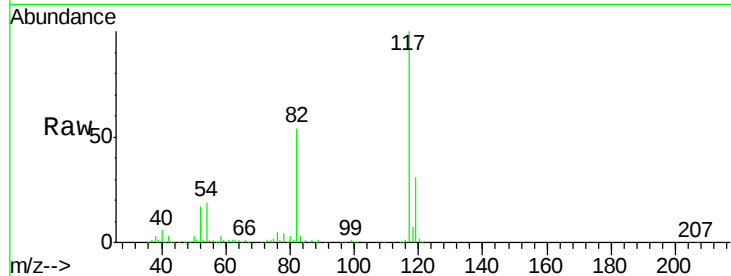




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066979.D
Acq: 30 Sep 2020 17:43

Instrument :
MSVOA_D
ClientSampleId :
B-14(13-14)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.8	62.6
119	31.4	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: VD066979.D
Acq: 30 Sep 2020 17:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.3	91.0
150	157.7	0.0	346.2

