

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066967.D
 Acq On : 30 Sep 2020 12:06
 Operator : VA/SY
 Sample : VD0930SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0930SBL01

Quant Time: Oct 01 01:05:39 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	486347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	792956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	839814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	414808	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	213899	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
35) Dibromofluoromethane	7.91	113	247142	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.34	98	947459	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
62) 4-Bromofluorobenzene	12.63	95	380392	64.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.30%	

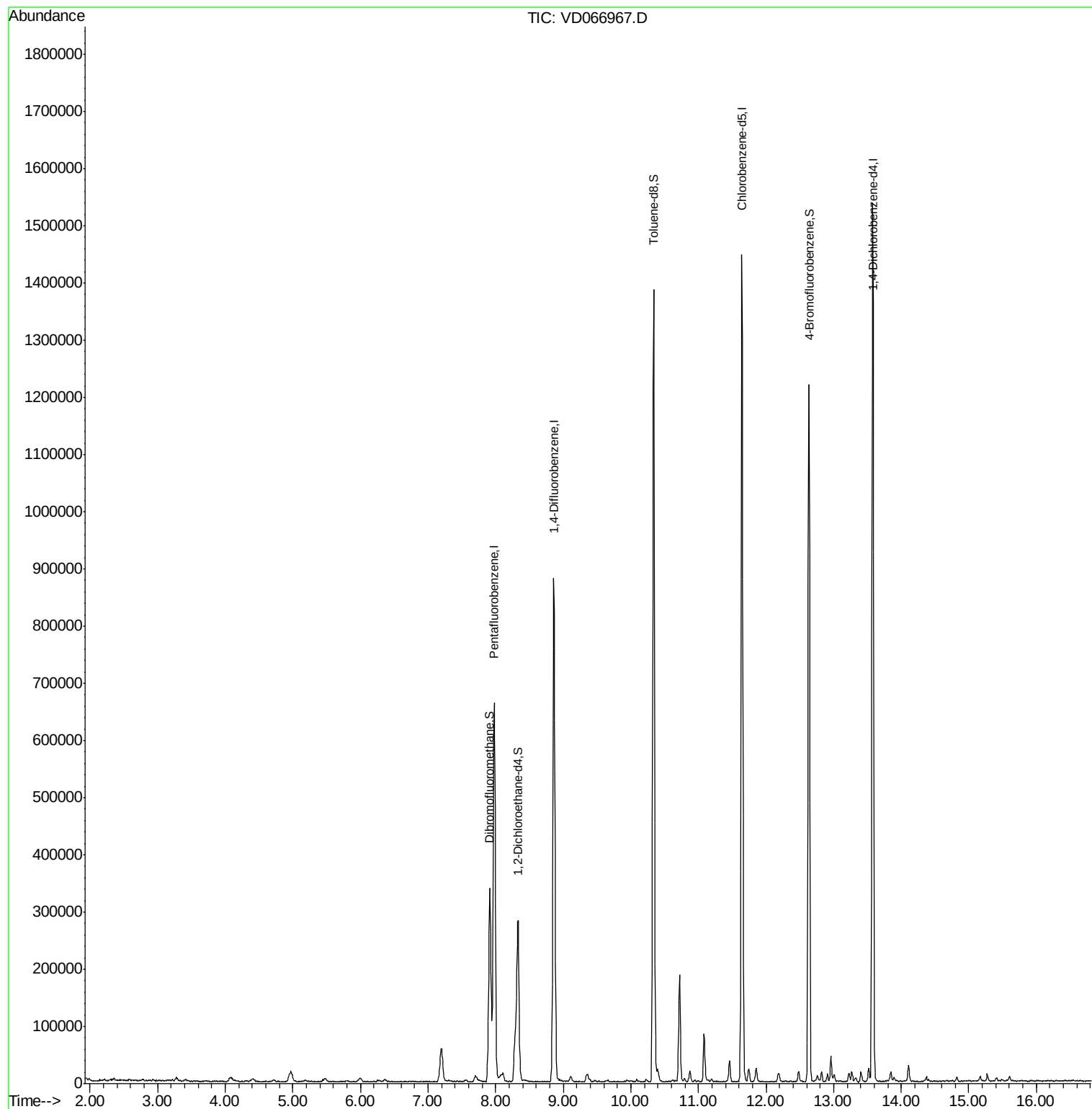
Target Compounds	Qvalue

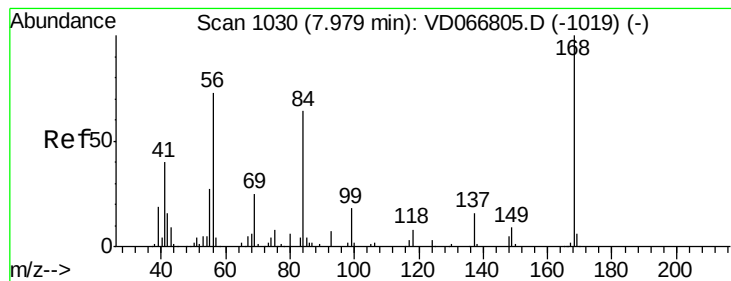
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066967.D

Acq: 30 Sep 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

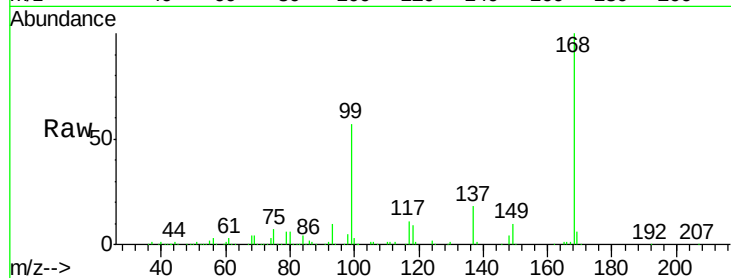
VD0930SBL01

Tot Ion:168 Resp: 486347

Ion Ratio Lower Upper

168 100

99 56.3 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

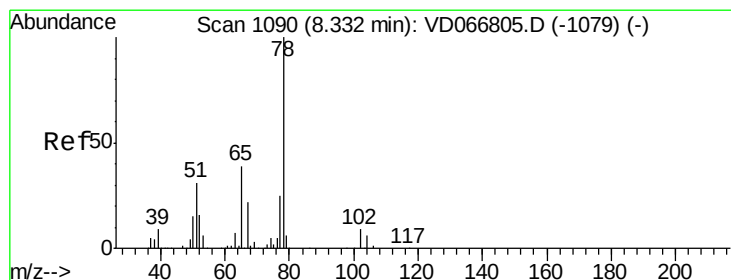
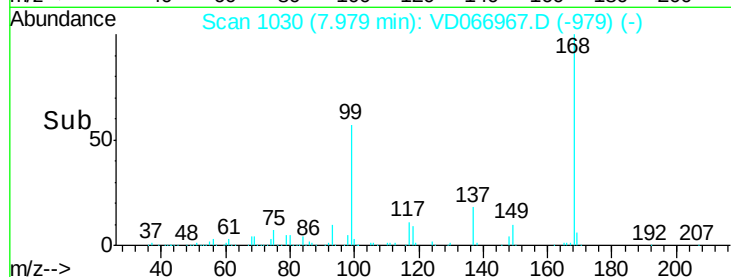
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.935 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066967.D

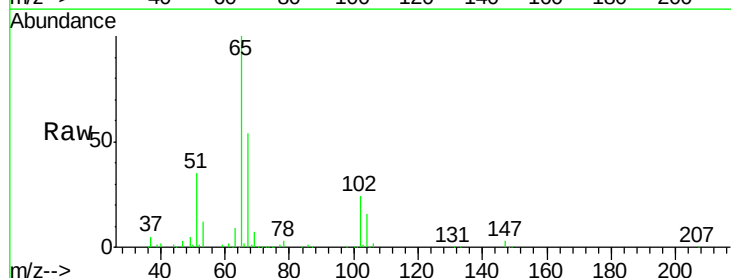
Acq: 30 Sep 2020 12:06

Tgt Ion: 65 Resp: 213899

Ion Ratio Lower Upper

65 100

67 53.7 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

100000

80000

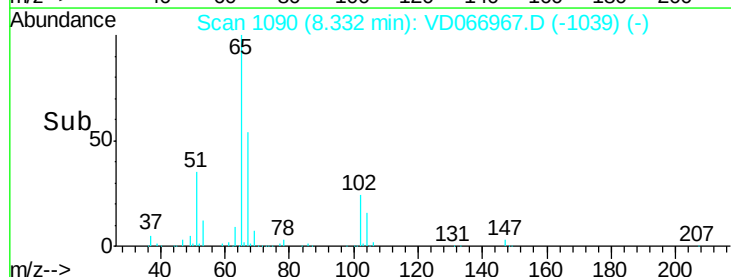
60000

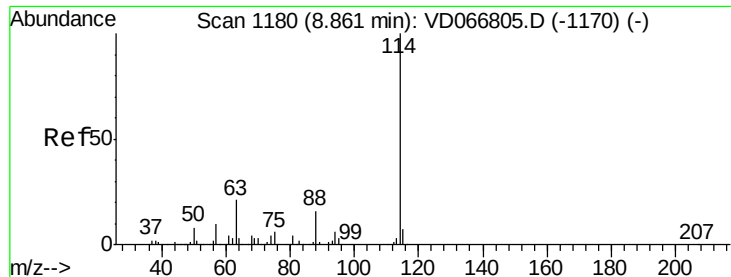
40000

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: VD066967.D

Acq: 30 Sep 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VD0930SBL01

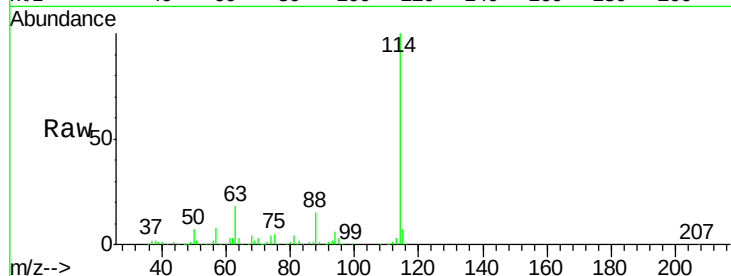
Tot Ion:114 Resp: 792956

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

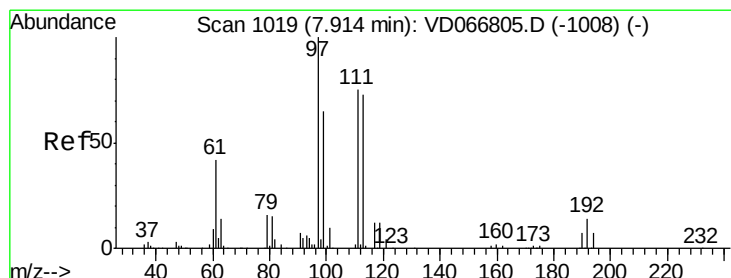
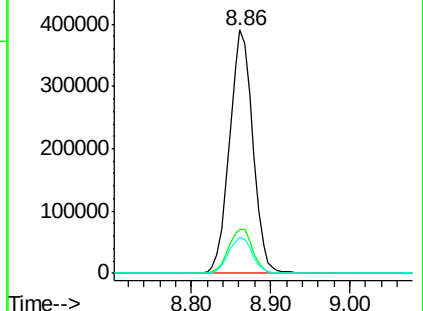
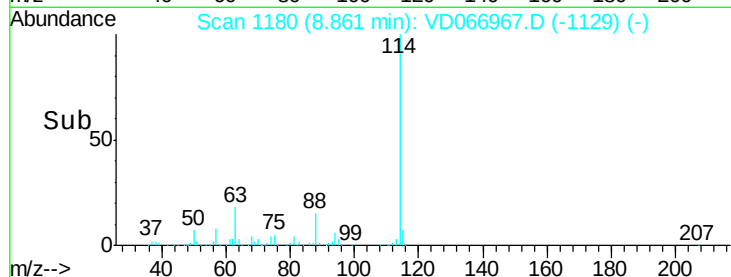
88 14.7 0.0 32.6



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: 48.990 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066967.D

Acq: 30 Sep 2020 12:06

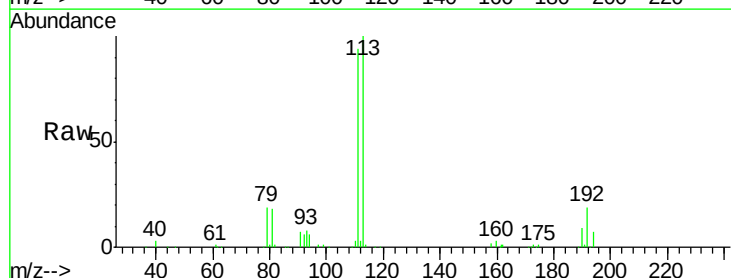
Tgt Ion:113 Resp: 247142

Ion Ratio Lower Upper

113 100

111 99.9 81.8 122.8

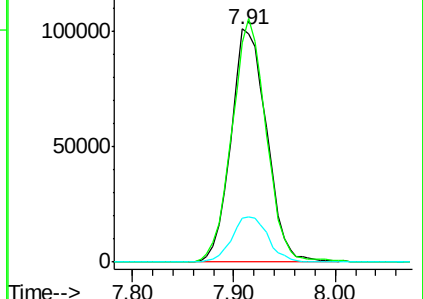
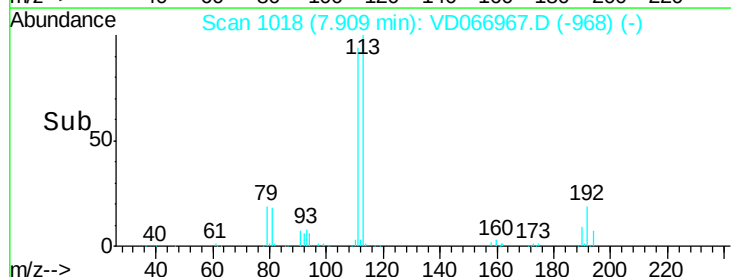
192 19.7 14.4 21.6

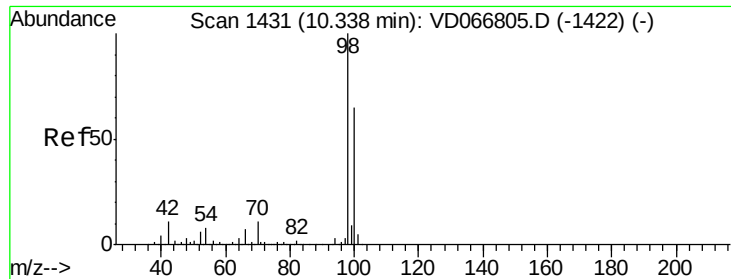


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

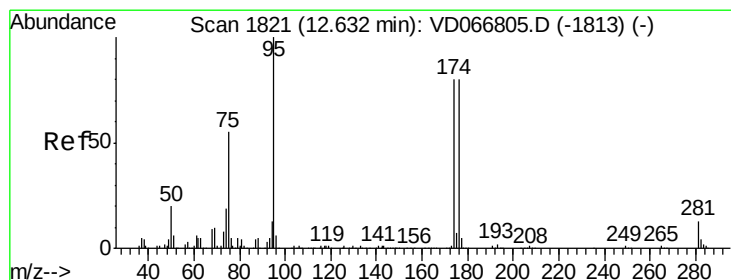
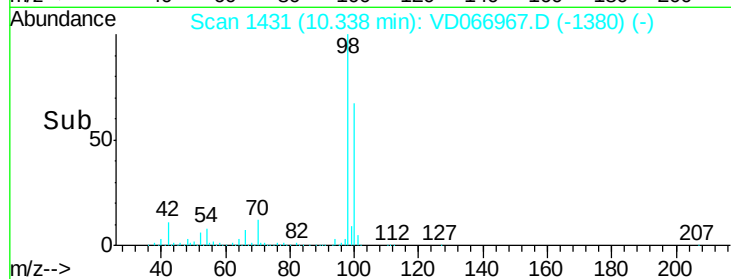
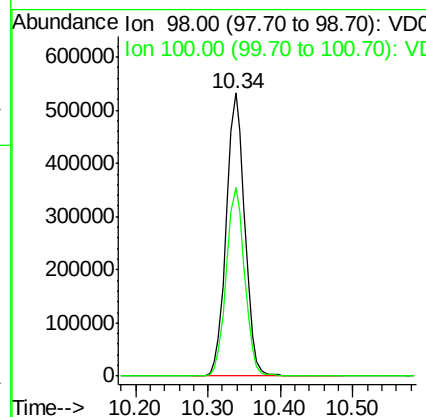
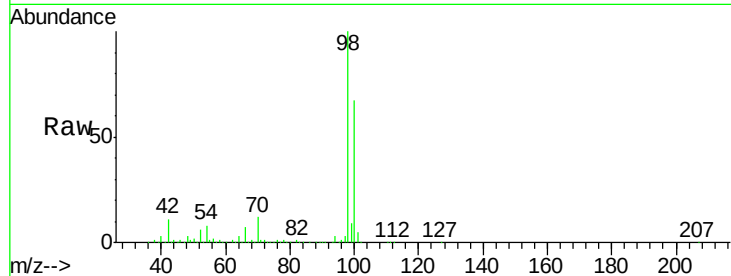




#50
Toluene-d8
Concen: 55.122 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066967.D
Acq: 30 Sep 2020 12:06

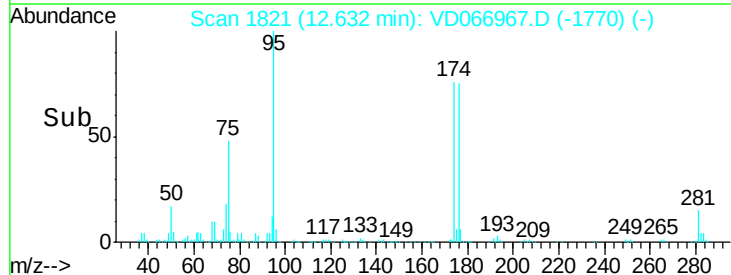
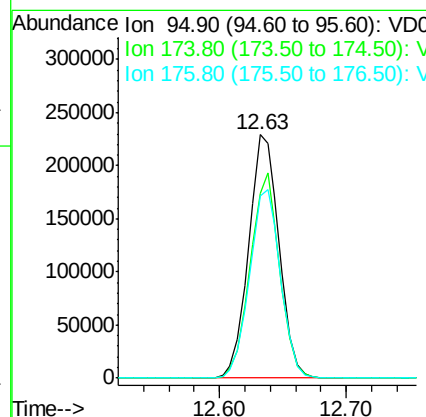
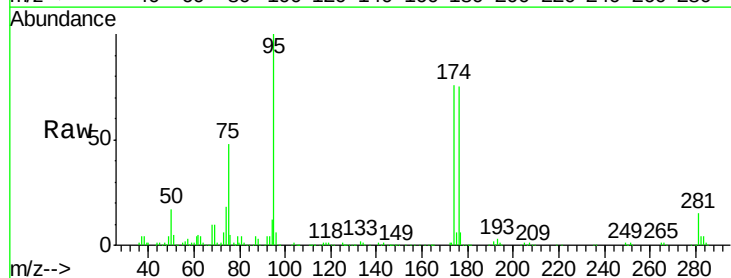
Instrument :
MSVOA_D
ClientSampleId :
VD0930SBL01

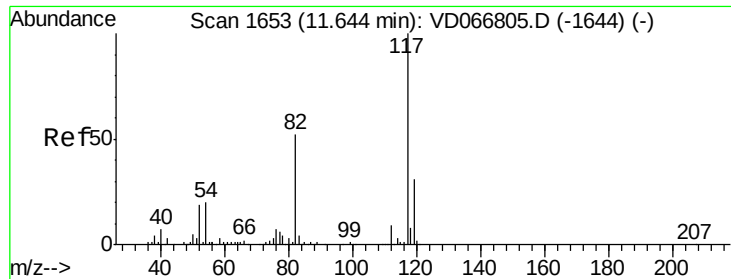
Tot Ion: 98 Resp: 947459
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 64.646 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066967.D
Acq: 30 Sep 2020 12:06

Tgt Ion: 95 Resp: 380392
Ion Ratio Lower Upper
95 100
174 81.6 0.0 159.8
176 79.0 0.0 154.4

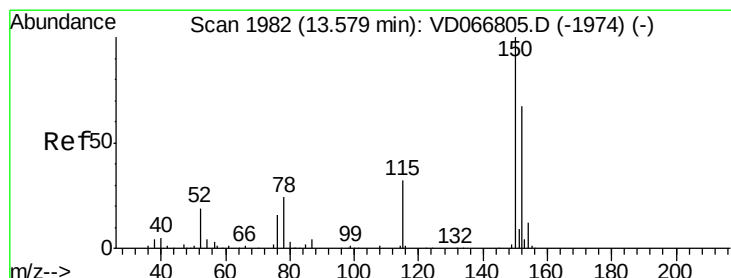
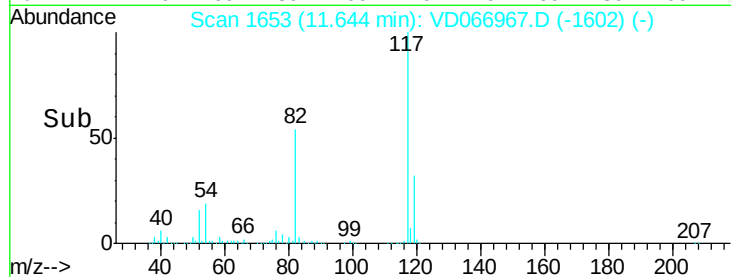
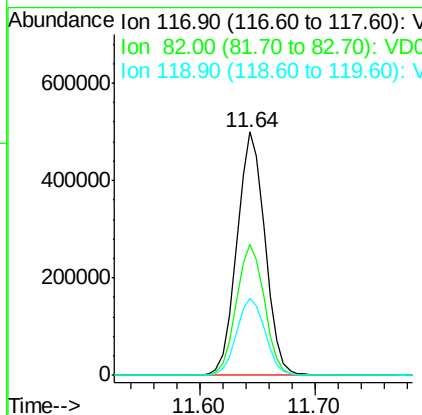
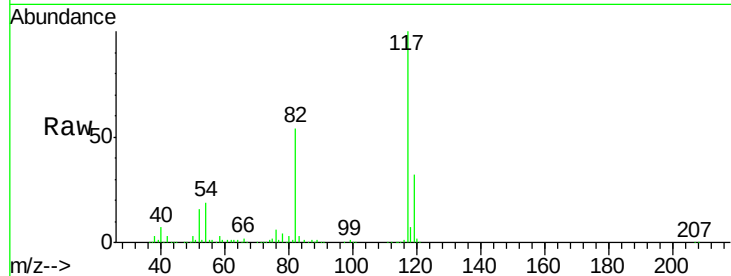




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066967.D
Acq: 30 Sep 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VD0930SBL01

Tot Ion:117 Resp: 839814
Ion Ratio Lower Upper
117 100
82 53.6 41.8 62.6
119 31.6 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: VD066967.D
Acq: 30 Sep 2020 12:06

Tgt Ion:152 Resp: 414808
Ion Ratio Lower Upper
152 100
115 58.7 30.3 91.0
150 156.3 0.0 346.2

