

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066714.D
 Acq On : 16 Sep 2020 12:43
 Operator : VA/SY
 Sample : VD0916SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBL01

Quant Time: Sep 17 00:58:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	419641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	746943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	717173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311083	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	257807	57.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.16%	
35) Dibromofluoromethane	7.91	113	250494	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
50) Toluene-d8	10.34	98	918519	56.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.60%	
62) 4-Bromofluorobenzene	12.63	95	316964	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	

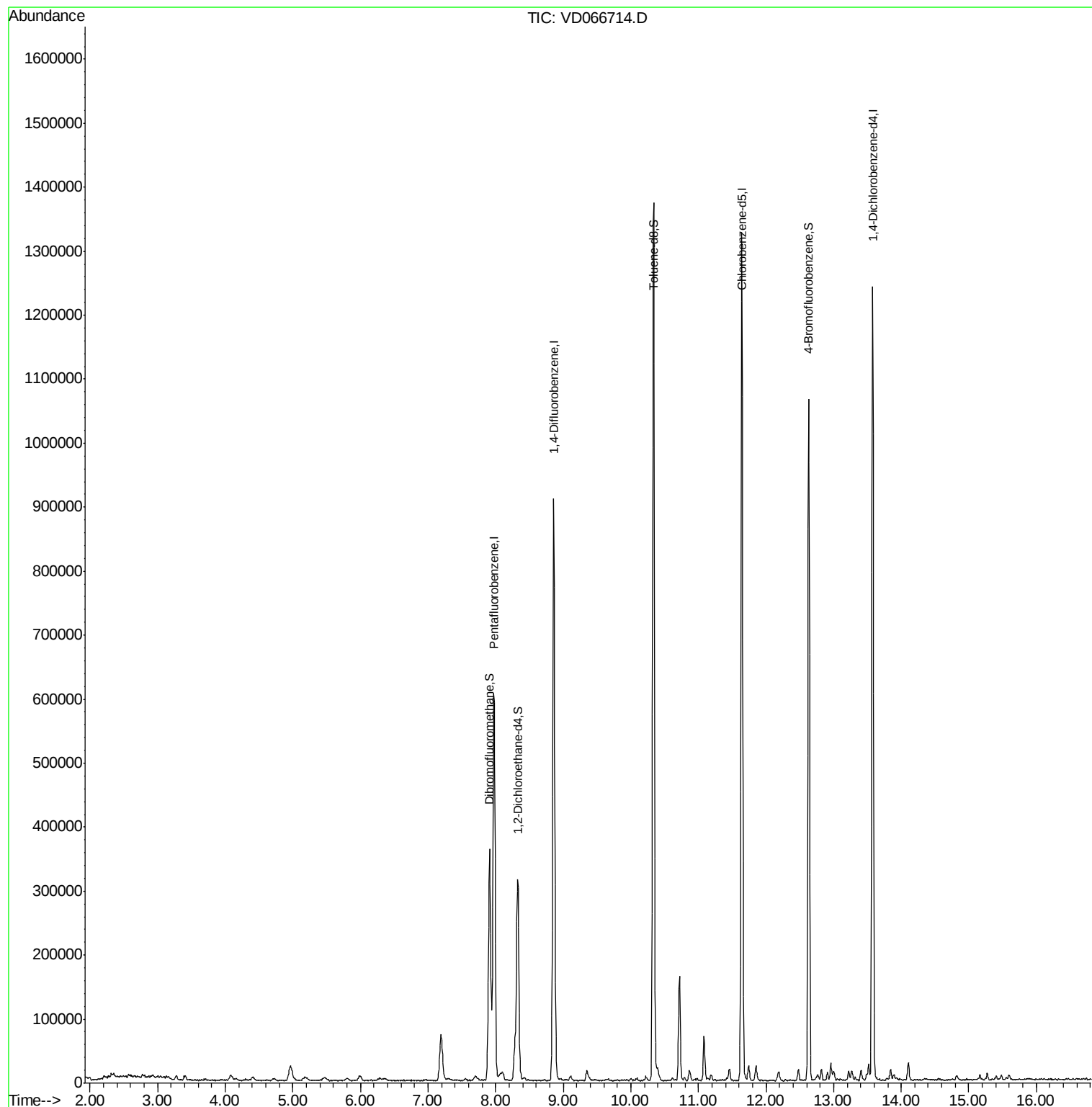
Target Compounds	Qvalue

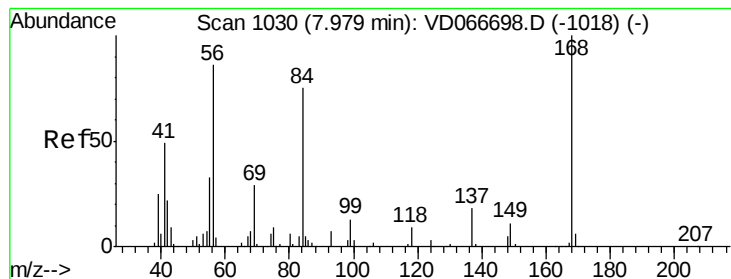
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066714.D

Acq: 16 Sep 2020 12:43

Instrument :

MSVOA_D

ClientSampleId :

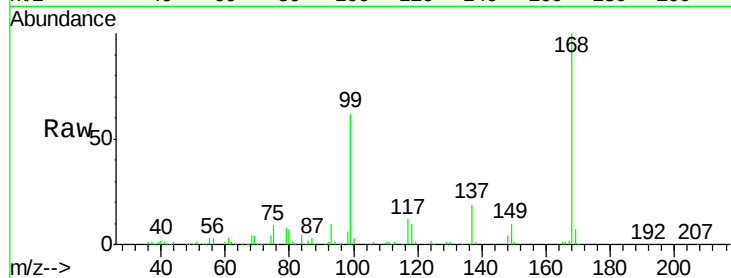
VD0916SBL01

Tot Ion:168 Resp: 419641

Ion Ratio Lower Upper

168 100

99 62.2 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

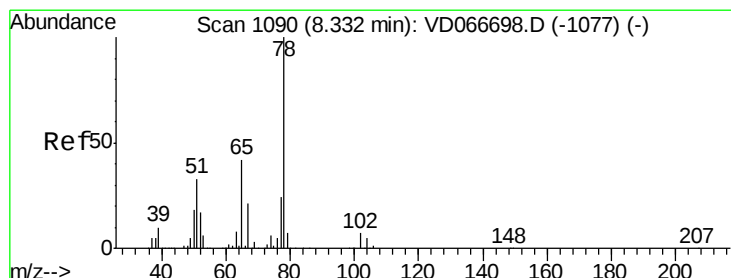
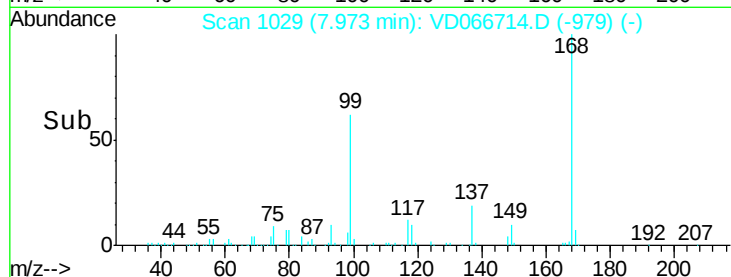
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.581 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066714.D

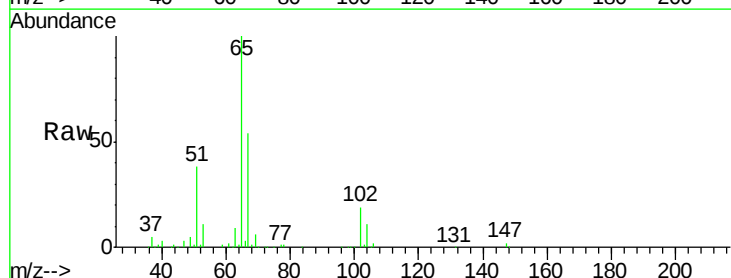
Acq: 16 Sep 2020 12:43

Tgt Ion: 65 Resp: 257807

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

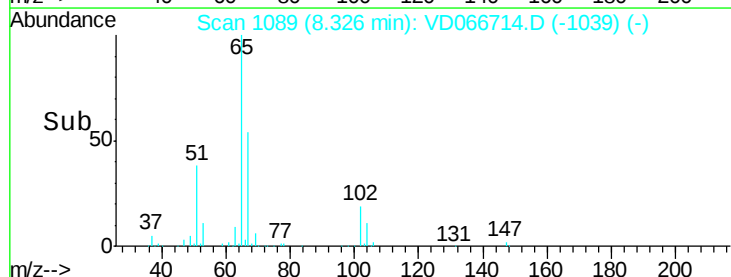
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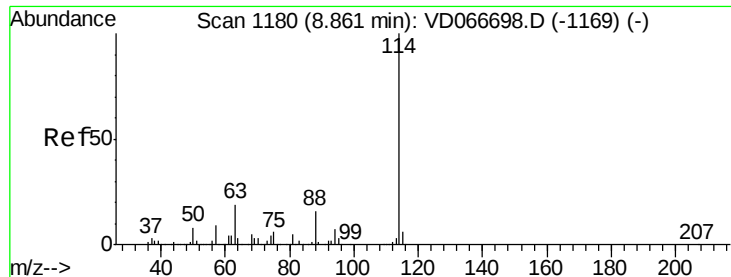
40000

20000

0

Time-->

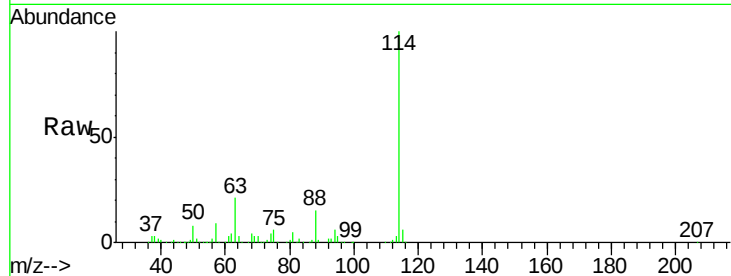




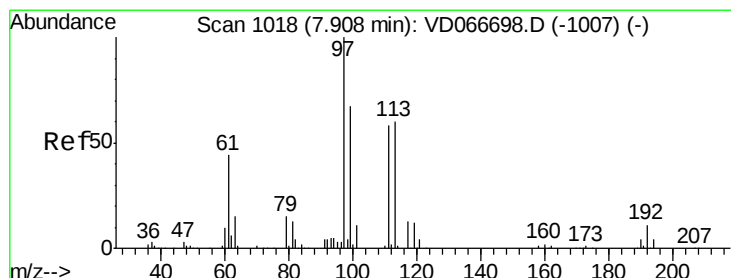
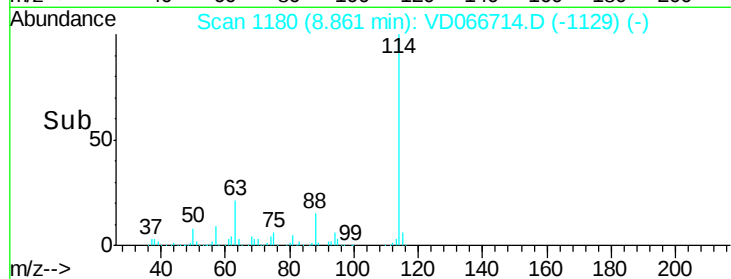
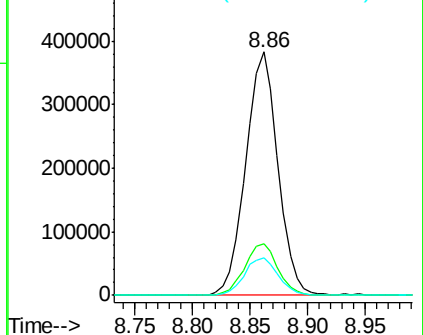
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066714.D
 Acq: 16 Sep 2020 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	37.6
88	15.5	0.0	32.2

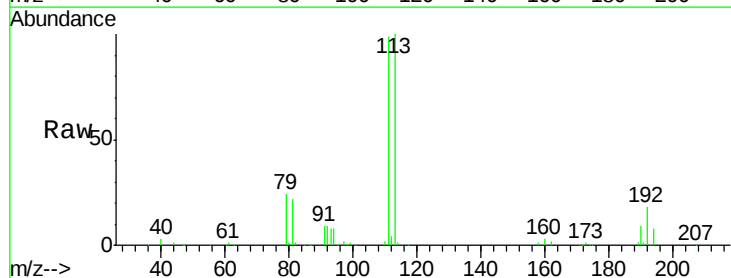


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

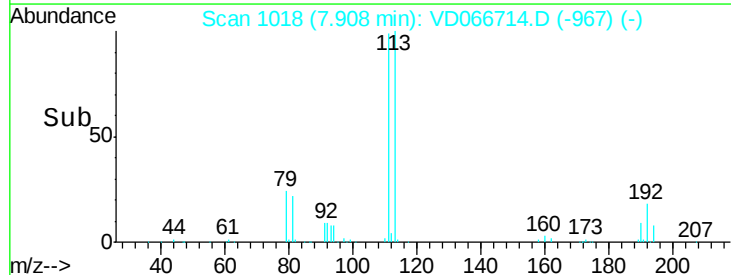
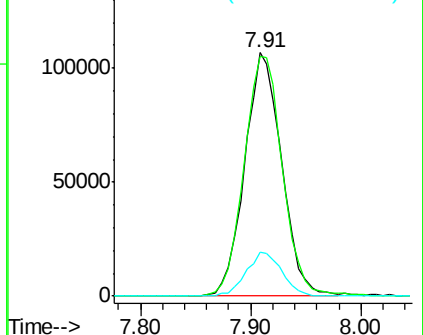


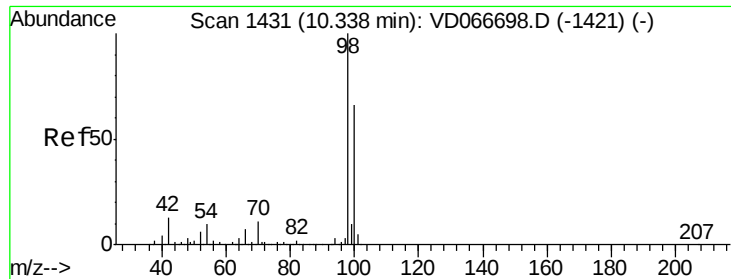
#35
 Dibromofluoromethane
 Concen: 54.699 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VD066714.D
 Acq: 16 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.2	124.8
192	17.7	14.8	22.2



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

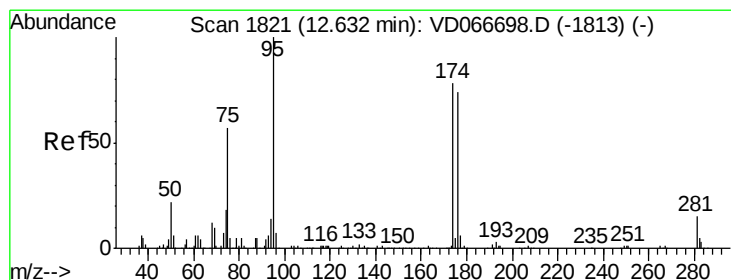
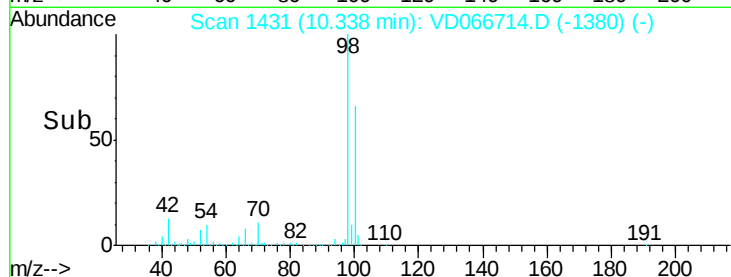
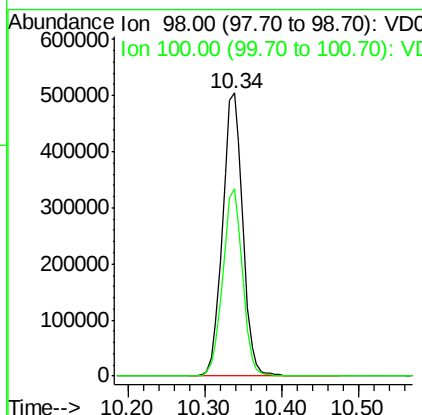
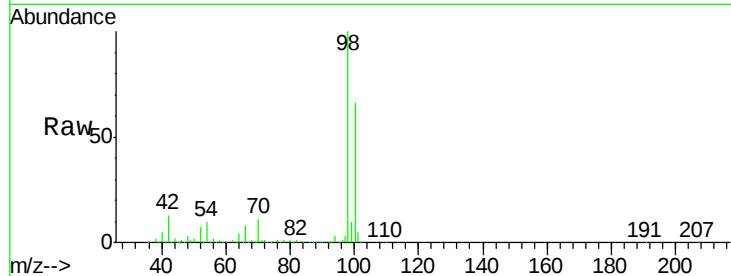




#50
Toluene-d8
Concen: 56.297 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066714.D
Acq: 16 Sep 2020 12:43

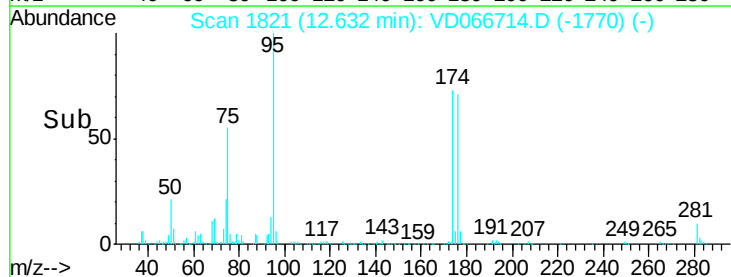
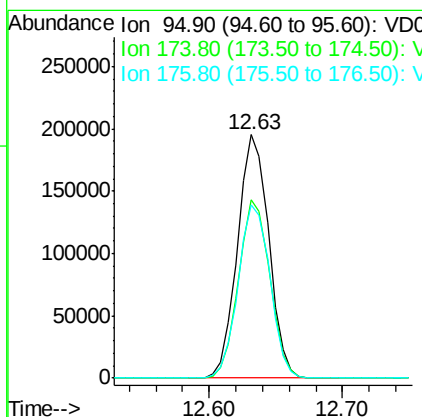
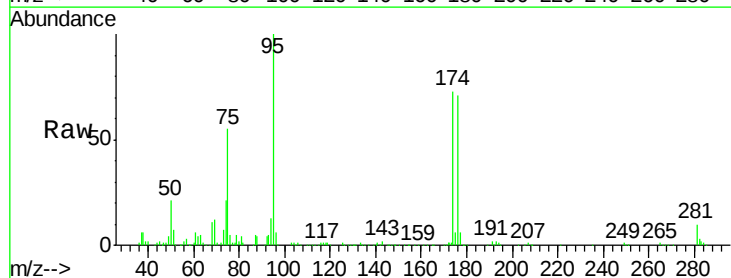
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBL01

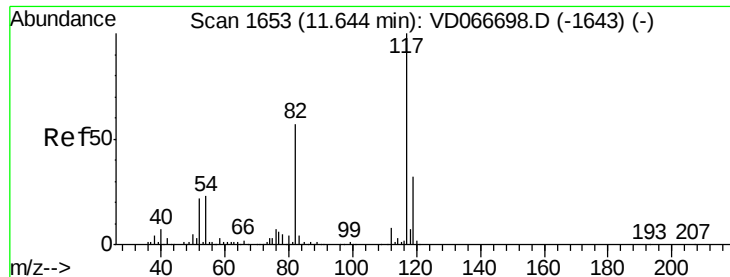
Tot Ion: 98 Resp: 918519
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.280 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066714.D
Acq: 16 Sep 2020 12:43

Tgt Ion: 95 Resp: 316964
Ion Ratio Lower Upper
95 100
174 73.4 0.0 156.6
176 72.2 0.0 150.2

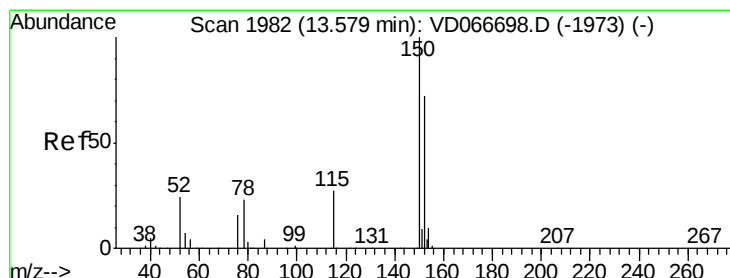
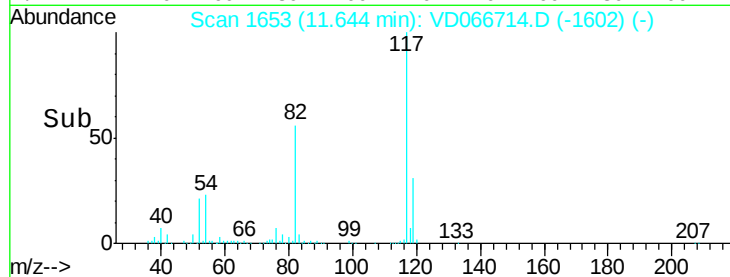
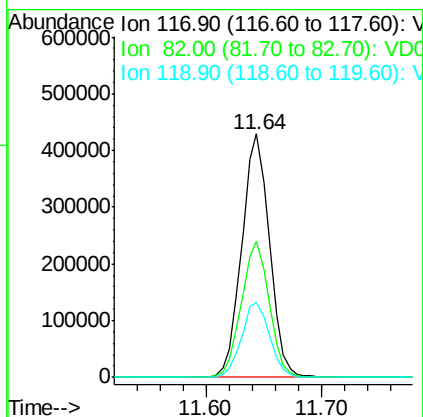
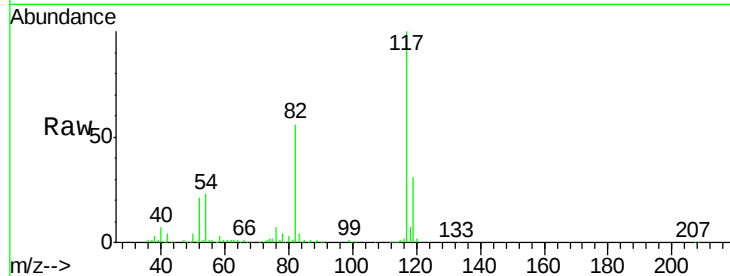




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066714.D
Acq: 16 Sep 2020 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0916SBL01

Tot Ion:117 Resp: 717173
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 30.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066714.D
Acq: 16 Sep 2020 12:43

Tgt Ion:152 Resp: 311083
Ion Ratio Lower Upper
152 100
115 62.7 30.5 91.5
150 157.1 0.0 344.6

