

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066728.D
 Acq On : 16 Sep 2020 19:11
 Operator : VA/SY
 Sample : L4013-07
 Misc : 5.57G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B40-091420-14-15

Quant Time: Sep 17 01:31:53 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	7.98	168	364454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	670590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	587158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	234863	60.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.80%	
35) Dibromofluoromethane	7.91	113	229332	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
50) Toluene-d8	10.34	98	815447	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
62) 4-Bromofluorobenzene	12.63	95	228005	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	

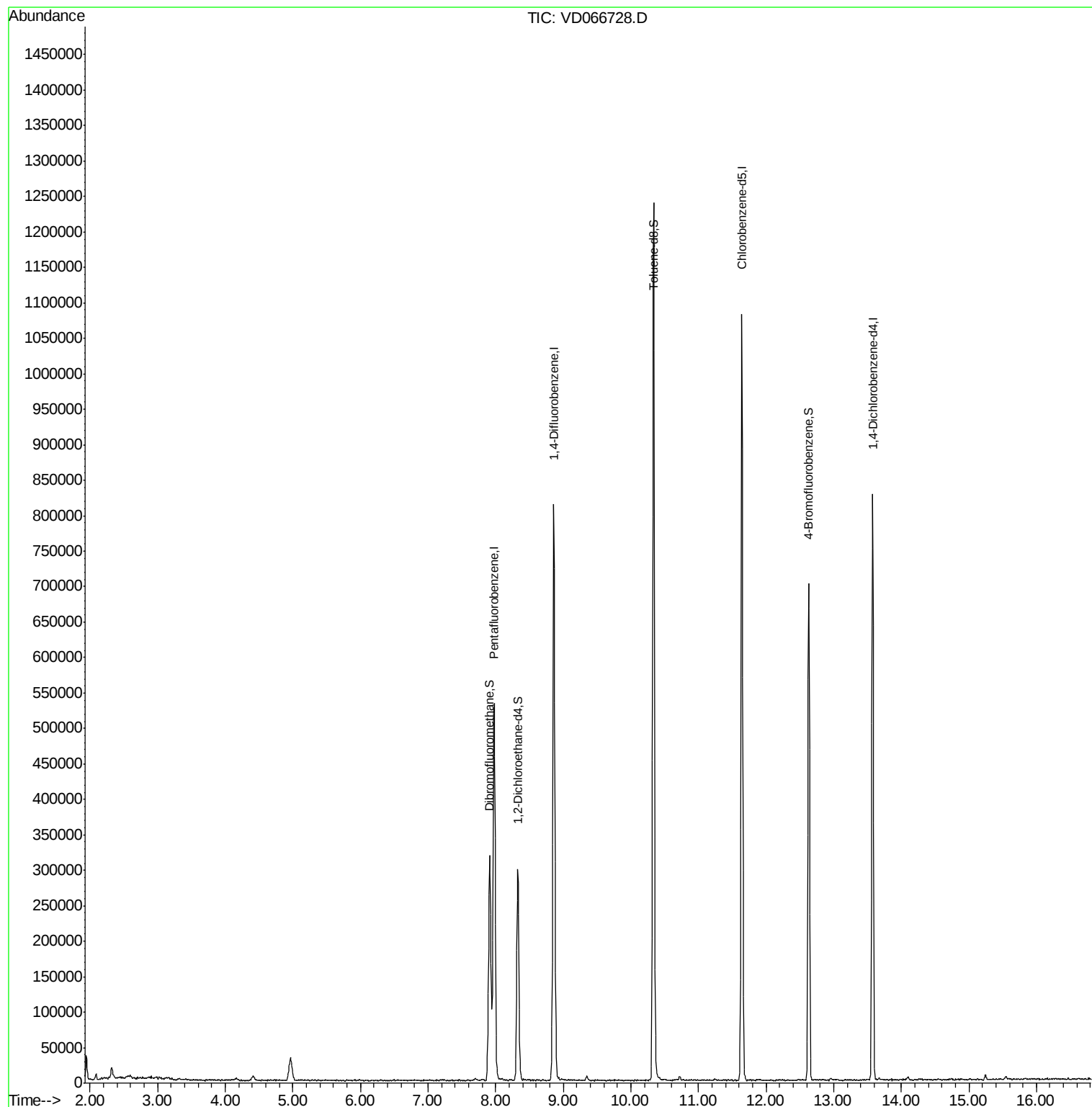
Target Compounds	Qvalue

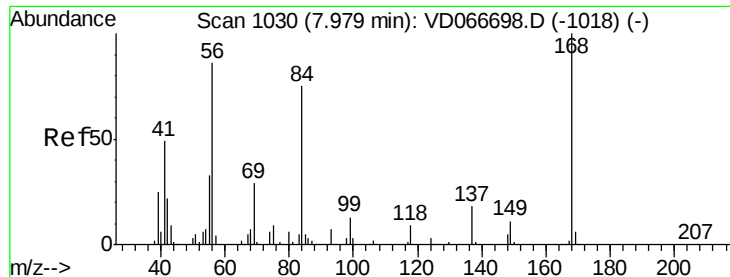
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066728.D

Acq: 16 Sep 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

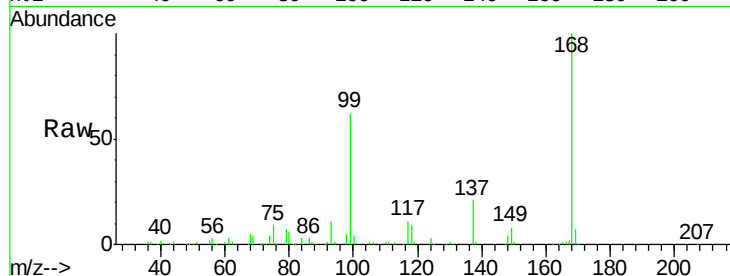
PAV-B40-091420-14-15

Tot Ion:168 Resp: 364454

Ion Ratio Lower Upper

168 100

99 62.4 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

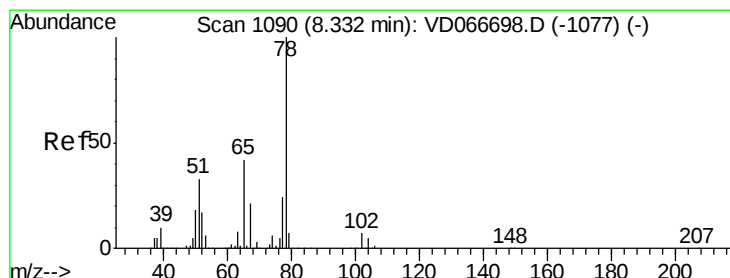
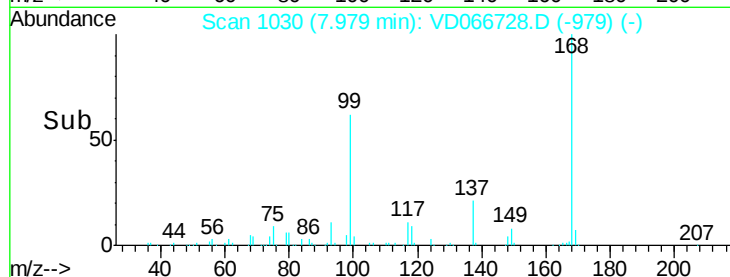
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.399 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066728.D

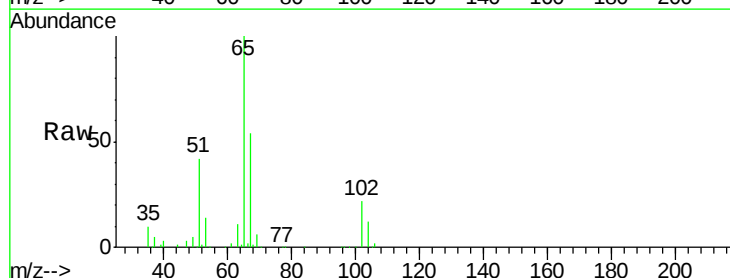
Acq: 16 Sep 2020 19:11

Tgt Ion: 65 Resp: 234863

Ion Ratio Lower Upper

65 100

67 51.1 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

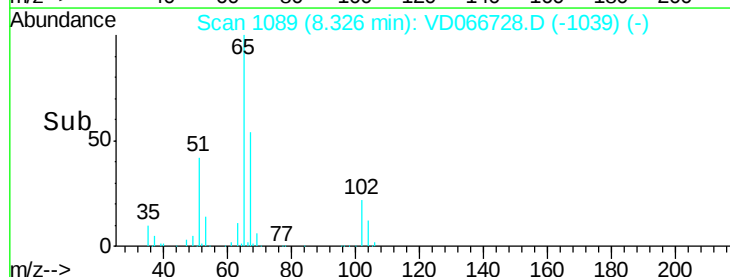
60000

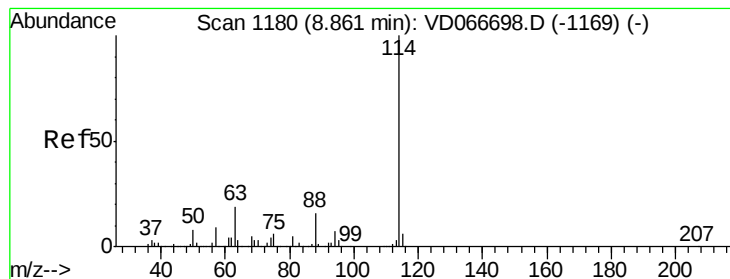
40000

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: VD066728.D

Acq: 16 Sep 2020 19:11

Instrument :

MSVOA_D

ClientSampleId :

PAV-B40-091420-14-15

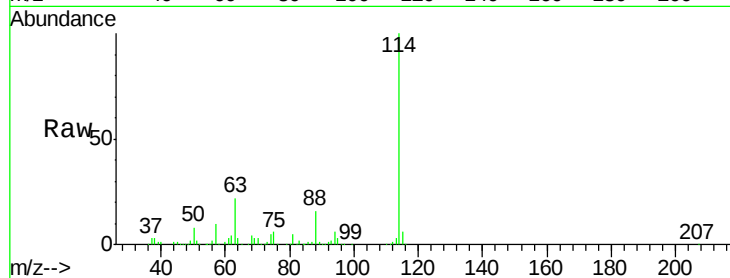
Tot Ion:114 Resp: 670590

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.6

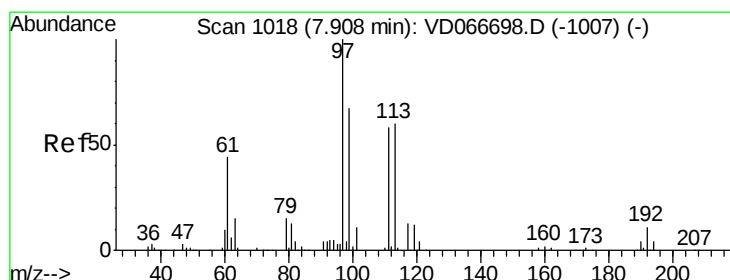
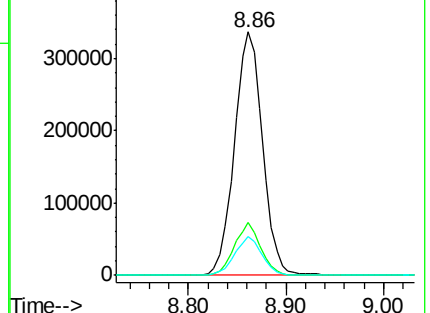
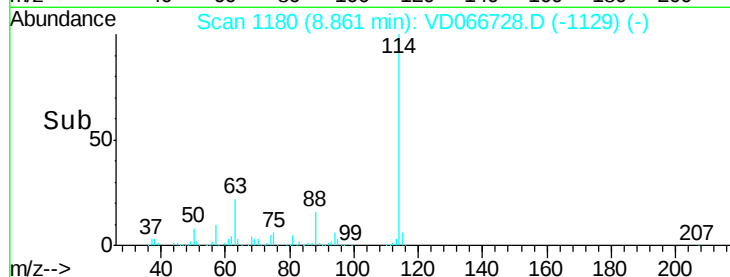
88 15.8 0.0 32.2



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: 55.780 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066728.D

Acq: 16 Sep 2020 19:11

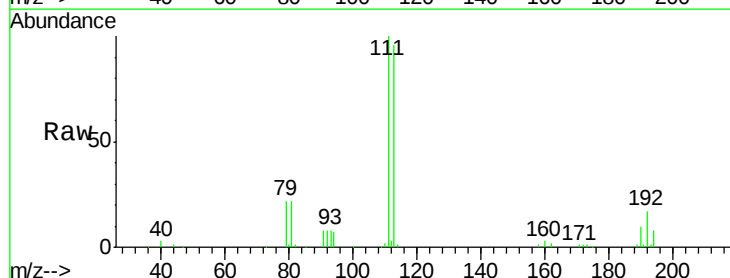
Tgt Ion:113 Resp: 229332

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

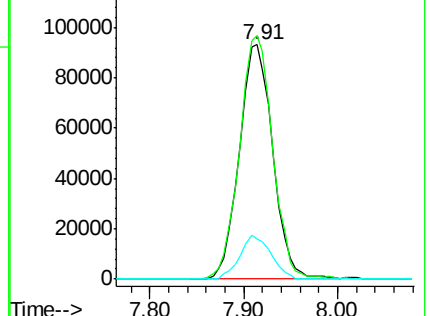
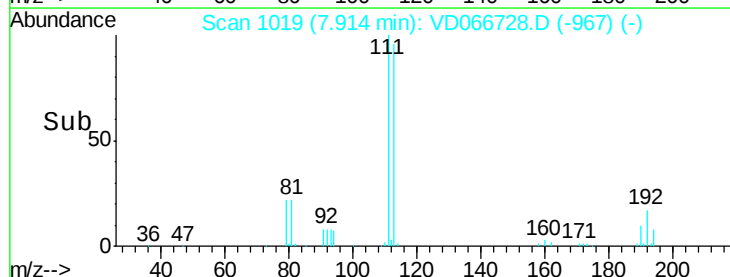
192 17.6 14.8 22.2

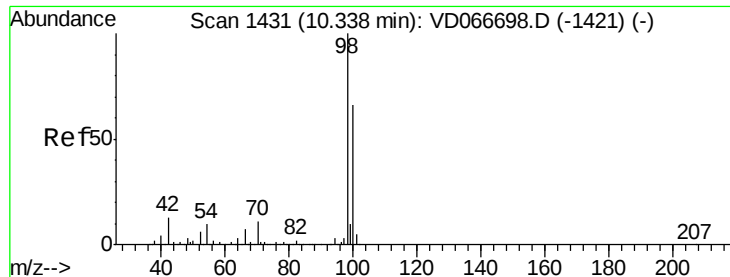


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

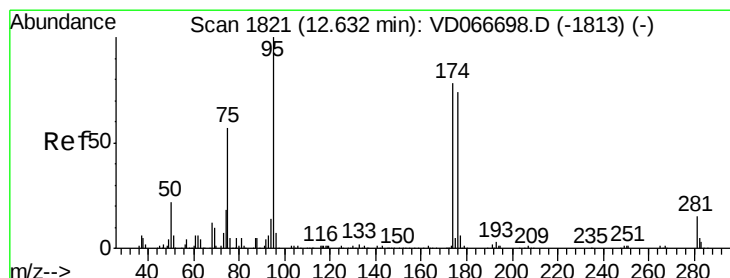
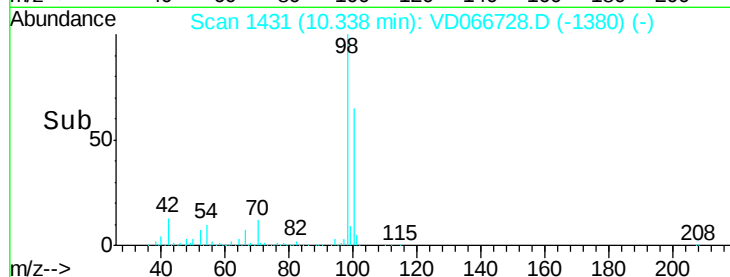
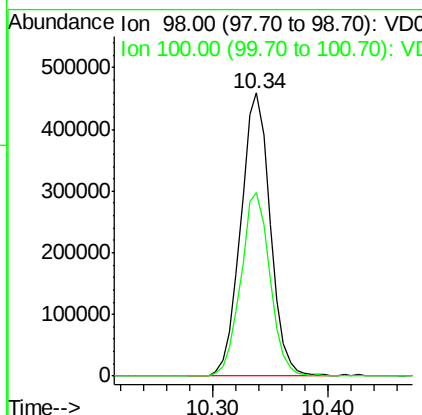
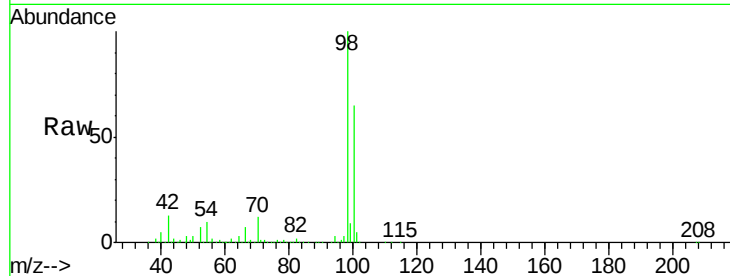




#50
Toluene-d8
Concen: 55.670 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

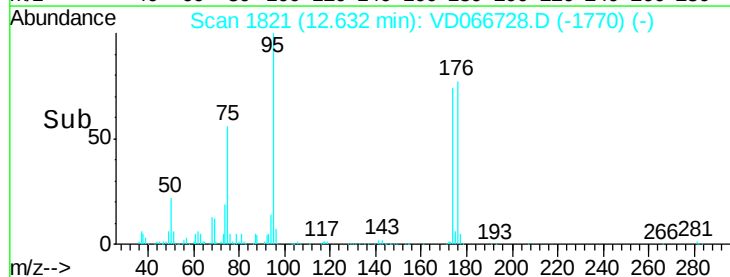
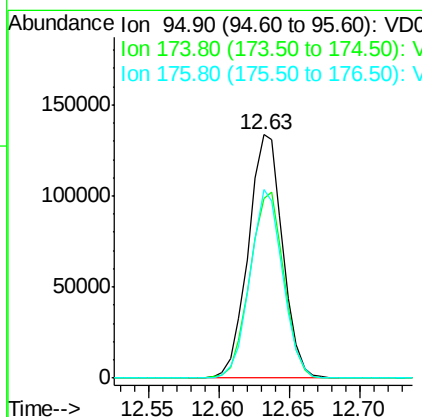
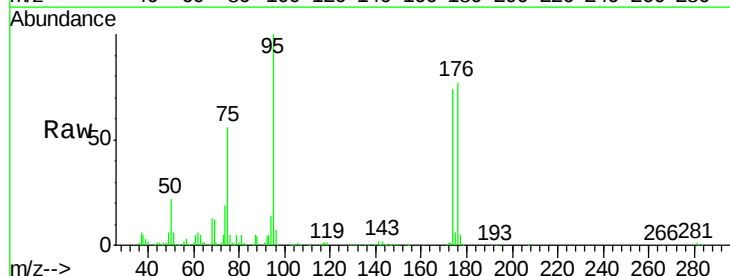
Instrument :
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PAV-B40-091420-14-15

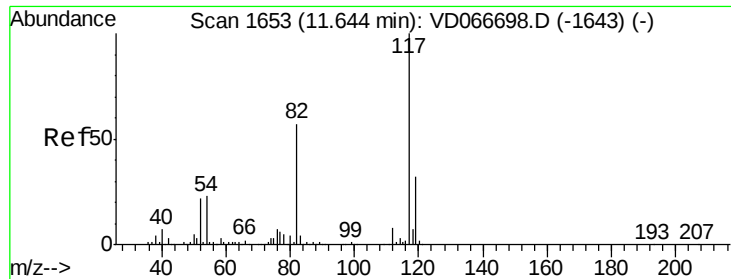
Tot Ion: 98 Resp: 815447
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.094 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Tgt Ion: 95 Resp: 228005
Ion Ratio Lower Upper
95 100
174 75.7 0.0 156.6
176 73.9 0.0 150.2

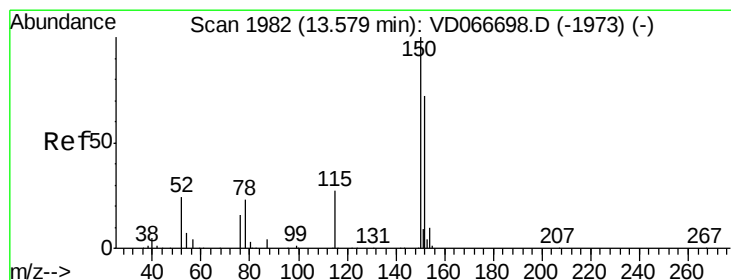
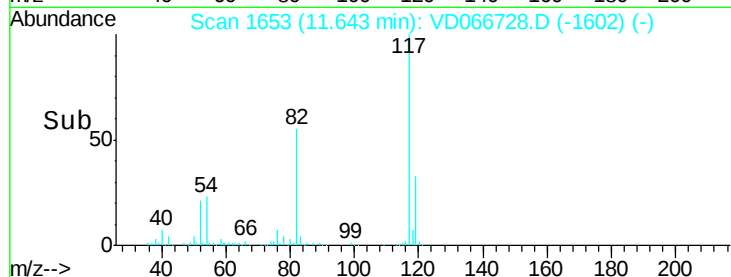
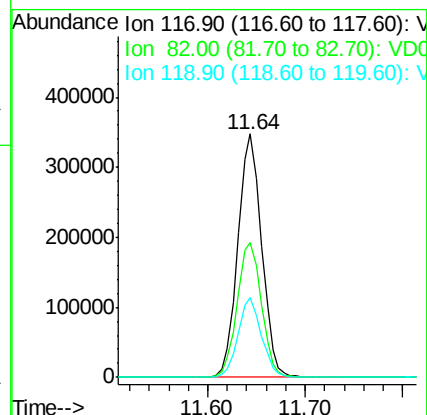
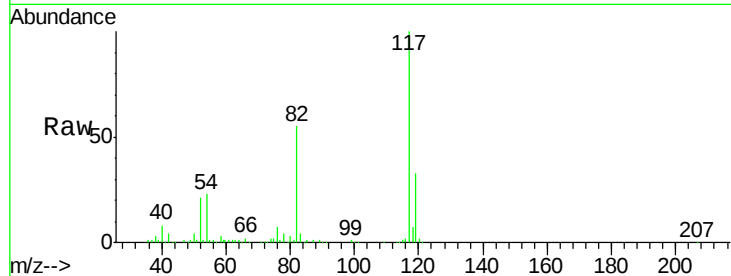




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066728.D
Acq: 16 Sep 2020 19:11

Instrument :
MSVOA_D
ClientSampleId :
PAV-B40-091420-14-15

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.4	68.0
119	32.8	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: VD066728.D
Acq: 16 Sep 2020 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.5	91.5
150	154.3	0.0	344.6

