

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067173.D
 Acq On : 08 Oct 2020 02:03
 Operator : VA/SY
 Sample : L4291-09
 Misc : 7.83G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B4-100620-DP

Quant Time: Oct 08 08:53:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	401675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	629785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	588142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266651	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188454	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.92	113	200978	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.34	98	743290	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.64	95	240902	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

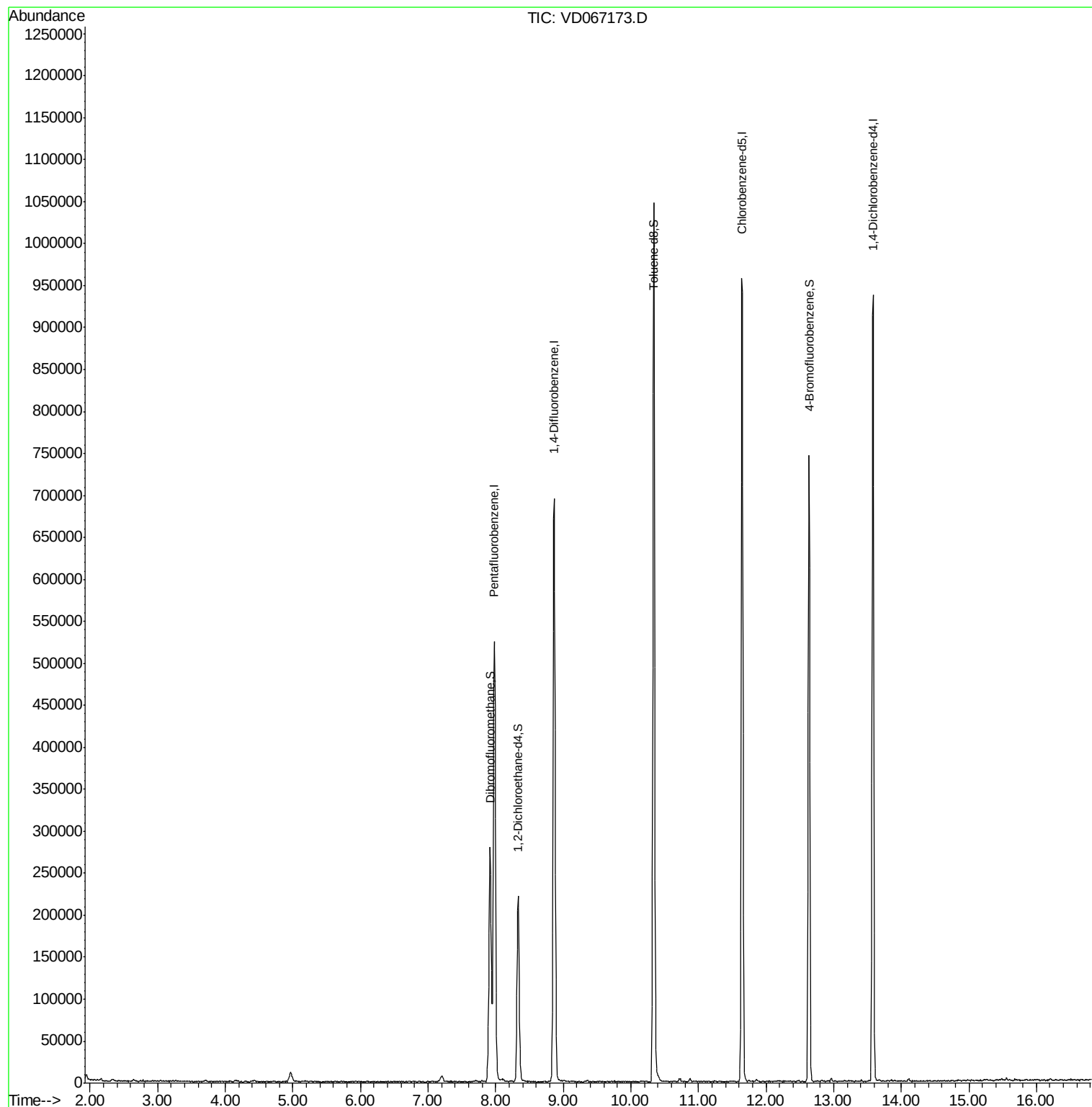
Target Compounds	Qvalue

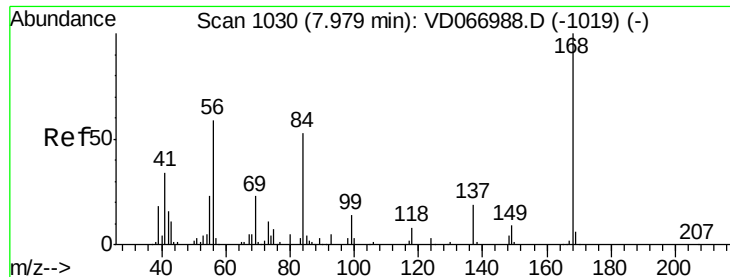
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067173.D

Acq: 08 Oct 2020 02:03

Instrument :

MSVOA_D

ClientSampleId :

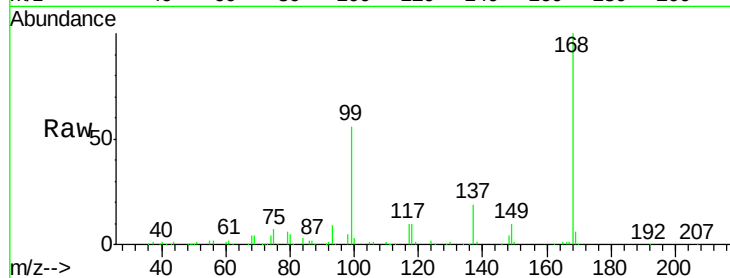
PAV-B4-100620-DP

Tot Ion:168 Resp: 401675

Ion Ratio Lower Upper

168 100

99 56.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

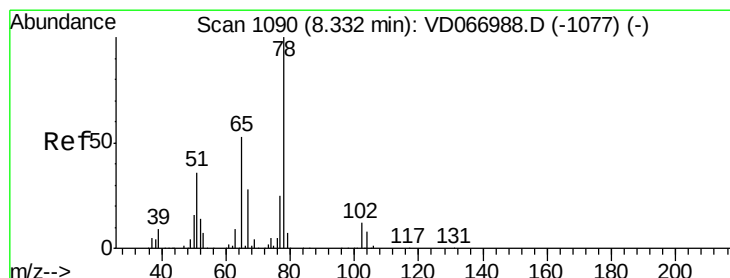
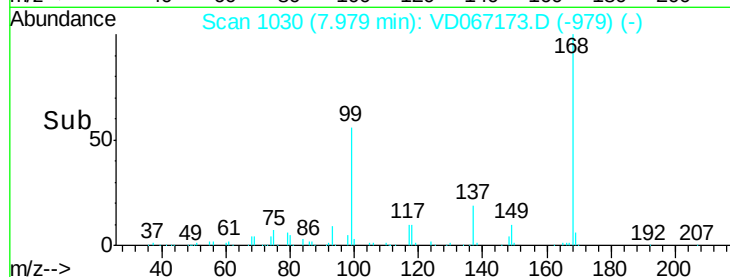
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.710 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067173.D

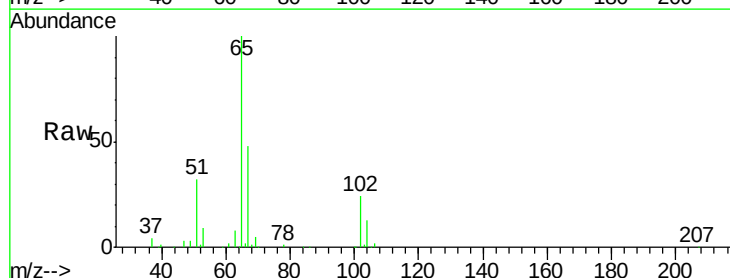
Acq: 08 Oct 2020 02:03

Tgt Ion: 65 Resp: 188454

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

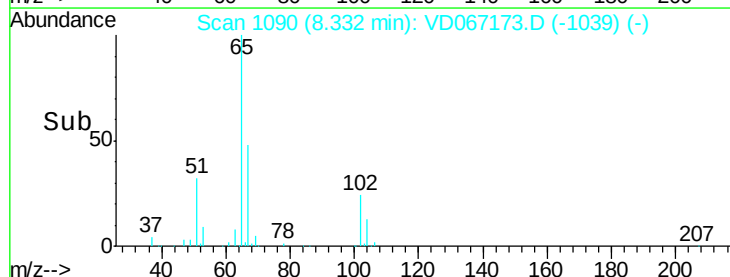
60000

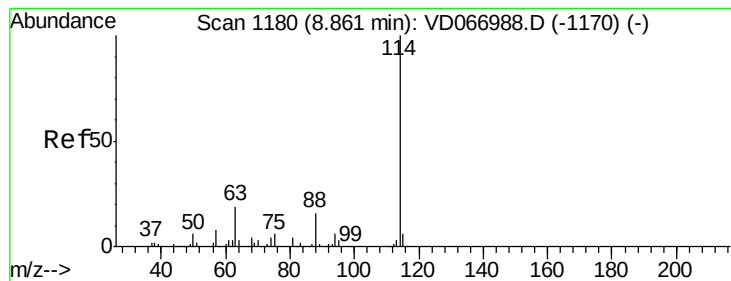
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067173.D

Acq: 08 Oct 2020 02:03

Instrument :

MSVOA_D

ClientSampleId :

PAV-B4-100620-DP

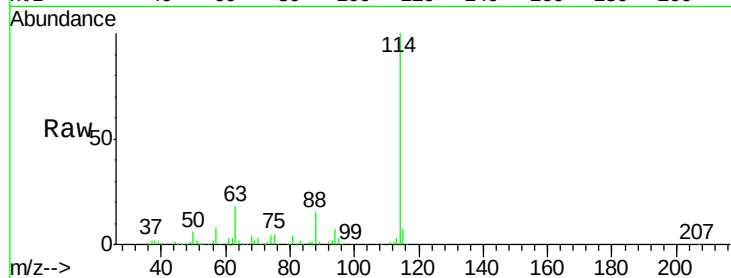
Tot Ion:114 Resp: 629785

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

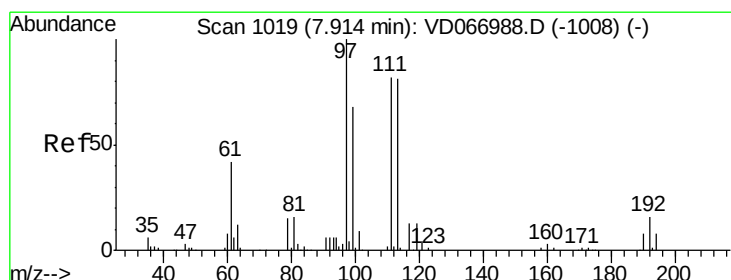
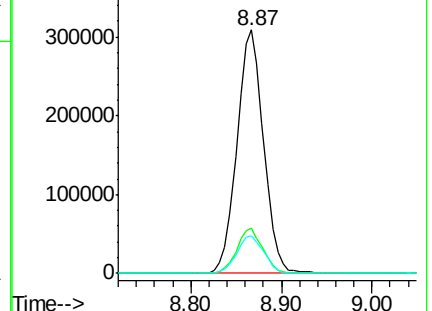
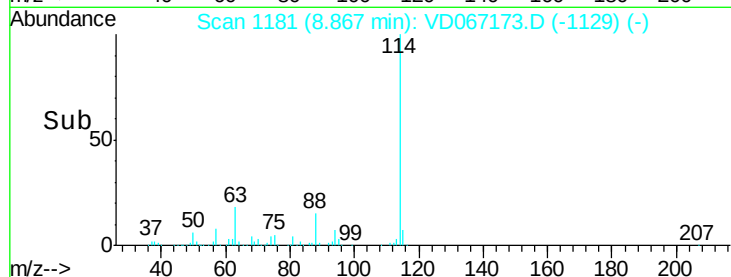
88 15.2 0.0 31.2



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: 48.745 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067173.D

Acq: 08 Oct 2020 02:03

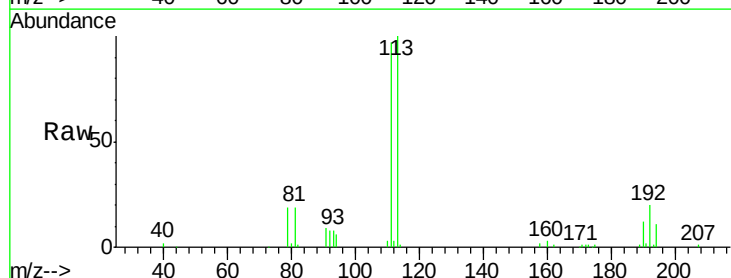
Tgt Ion:113 Resp: 200978

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

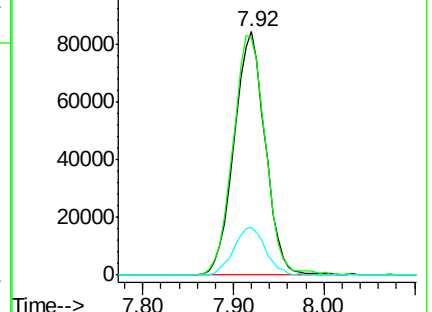
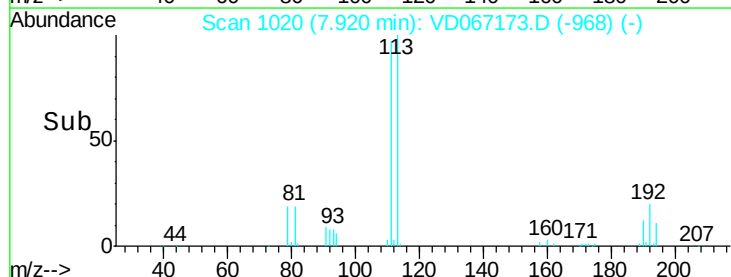
192 20.2 15.5 23.3

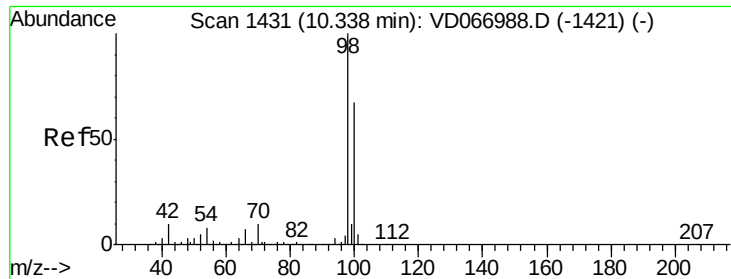


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

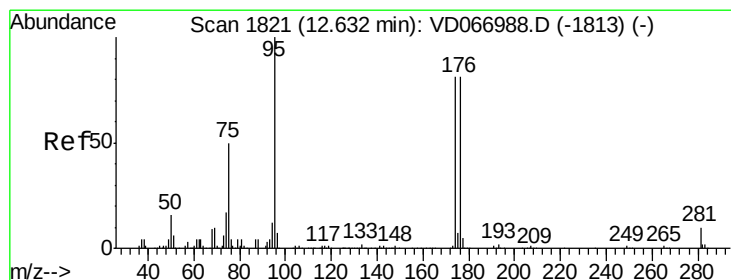
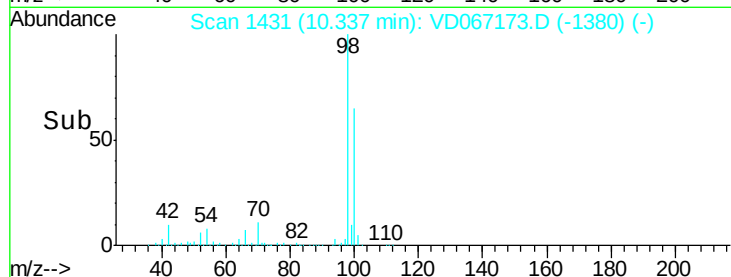
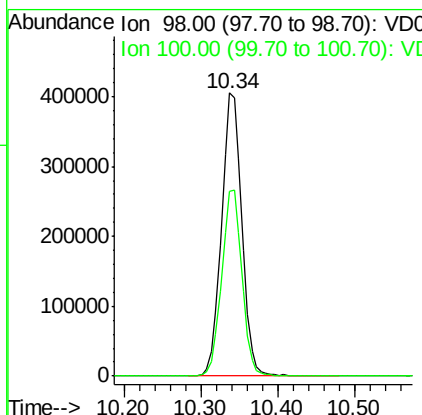
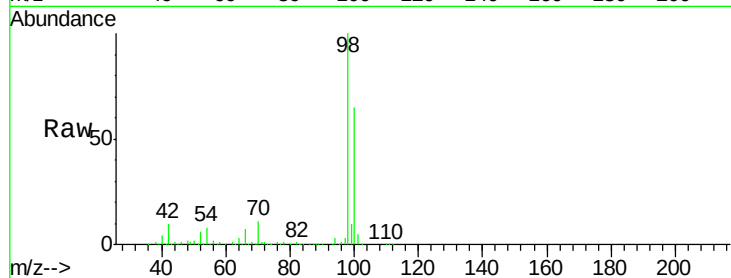




#50
Toluene-d8
Concen: 49.473 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067173.D
Acq: 08 Oct 2020 02:03

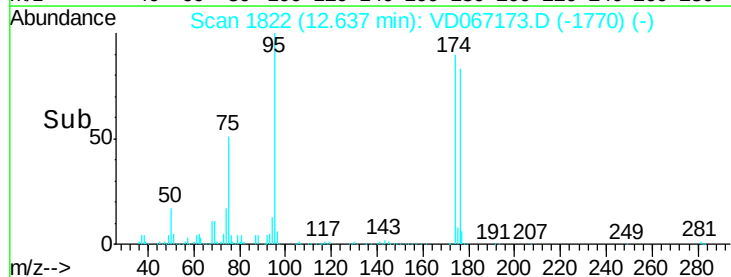
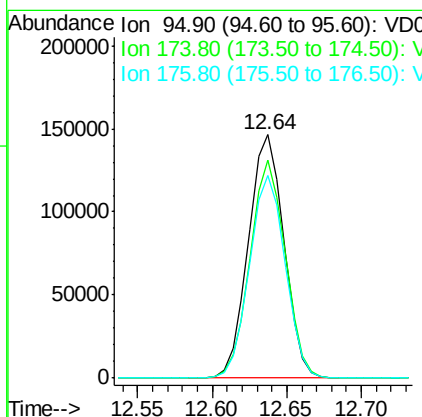
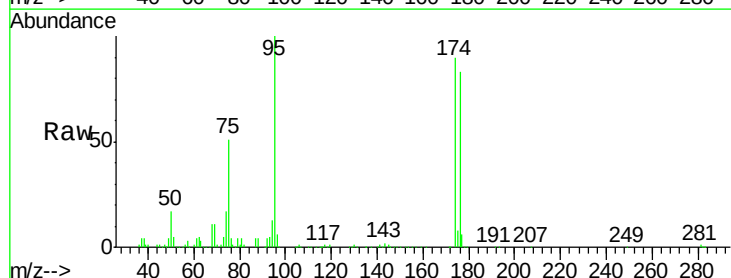
Instrument :
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PAV-B4-100620-DP

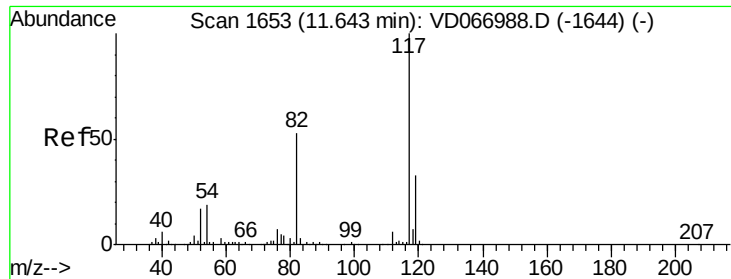
Tot Ion: 98 Resp: 743290
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067173.D
Acq: 08 Oct 2020 02:03

Tgt Ion: 95 Resp: 240902
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 83.6 0.0 162.4

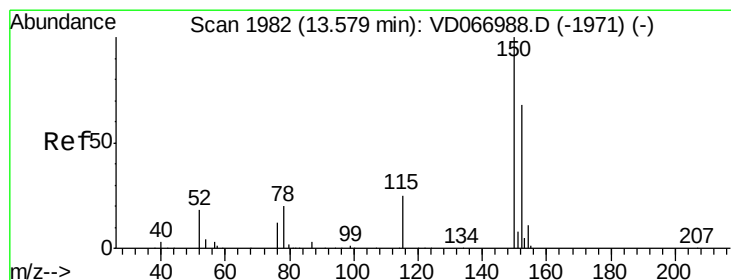
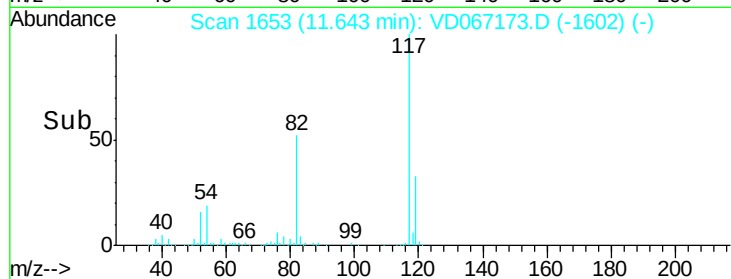
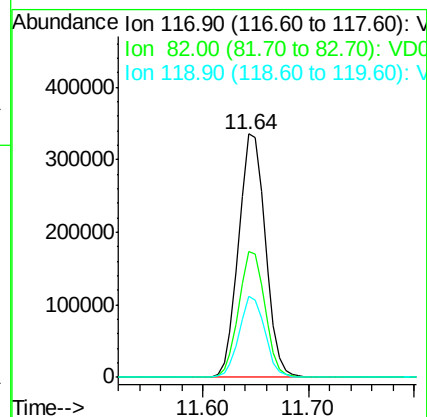
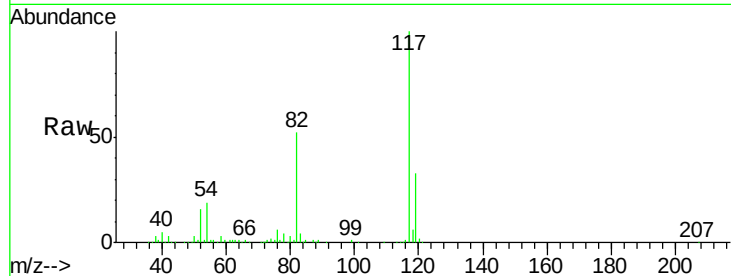




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067173.D
Acq: 08 Oct 2020 02:03

Instrument :
MSVOA_D
ClientSampleId :
PAV-B4-100620-DP

Tot Ion:117 Resp: 588142
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 33.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067173.D
Acq: 08 Oct 2020 02:03

Tgt Ion:152 Resp: 266651
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.8
150 157.0 0.0 344.8

