

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067147.D
 Acq On : 07 Oct 2020 12:48
 Operator : VA/SY
 Sample : L4225-01
 Misc : 6.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-100620

Quant Time: Oct 08 07:58:11 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	411531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	662699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	606507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	276720	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	197804	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.91	113	210845	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.34	98	771832	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.64	95	250528	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	

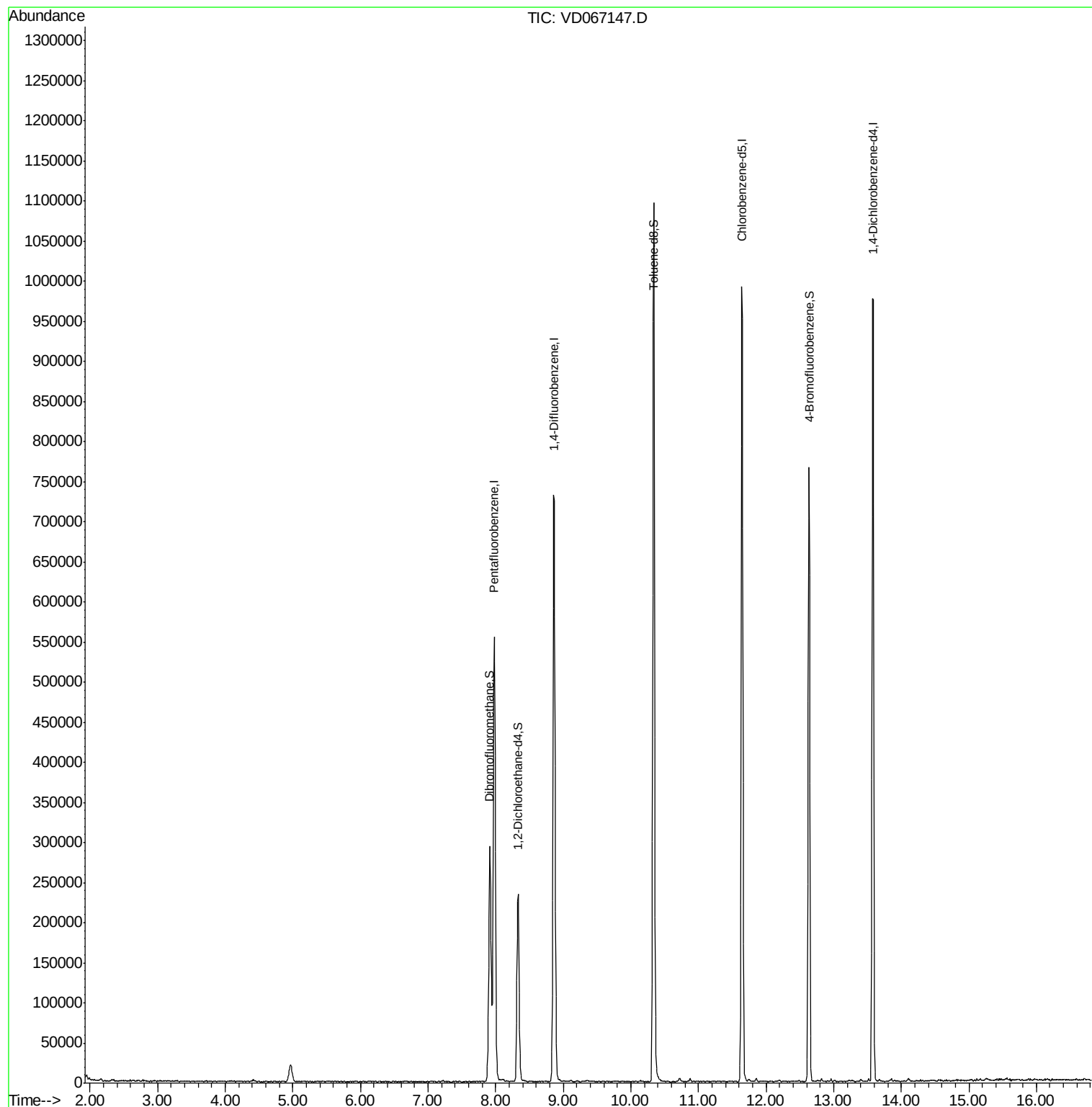
Target Compounds	Qvalue

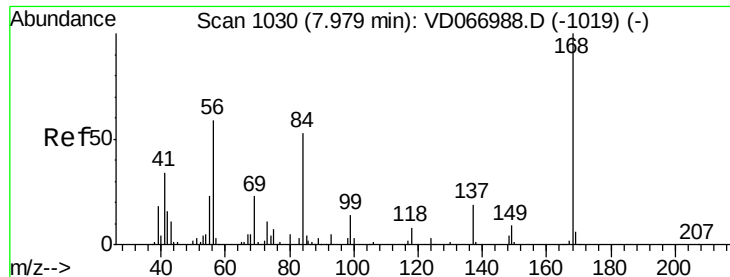
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067147.D

Acq: 07 Oct 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

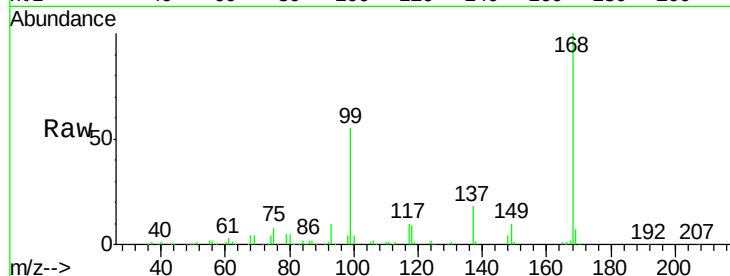
SU-04-100620

Tot Ion:168 Resp: 411531

Ion Ratio Lower Upper

168 100

99 55.3 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

200000

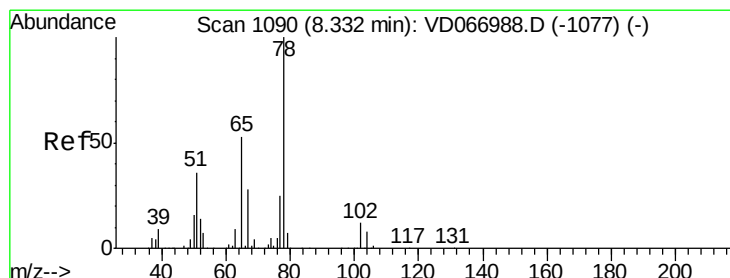
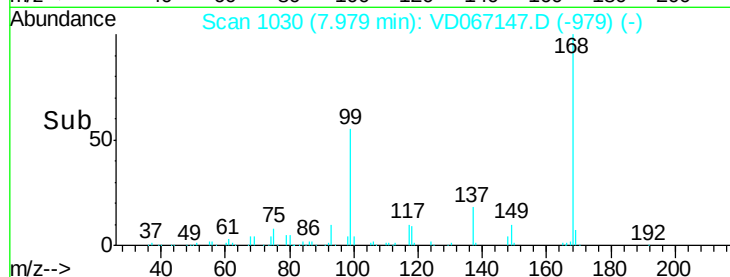
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.902 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067147.D

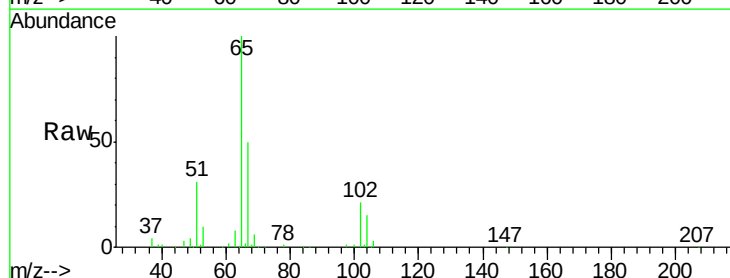
Acq: 07 Oct 2020 12:48

Tgt Ion: 65 Resp: 197804

Ion Ratio Lower Upper

65 100

67 49.8 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

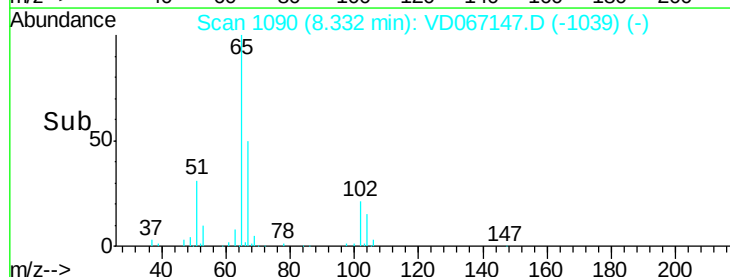
60000

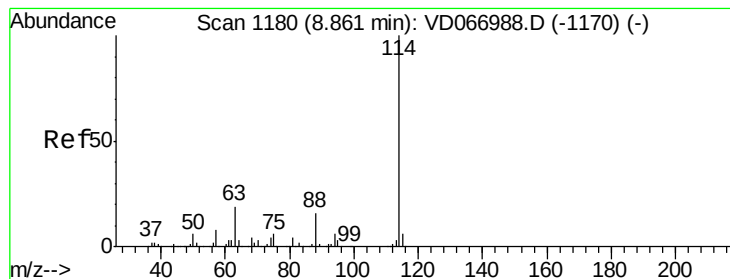
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067147.D

Acq: 07 Oct 2020 12:48

Instrument :

MSVOA_D

ClientSampleId :

SU-04-100620

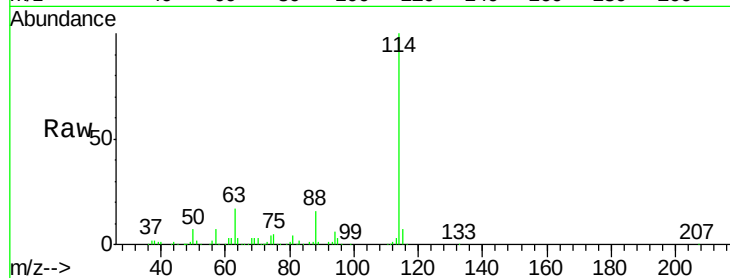
Tot Ion:114 Resp: 662699

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.4

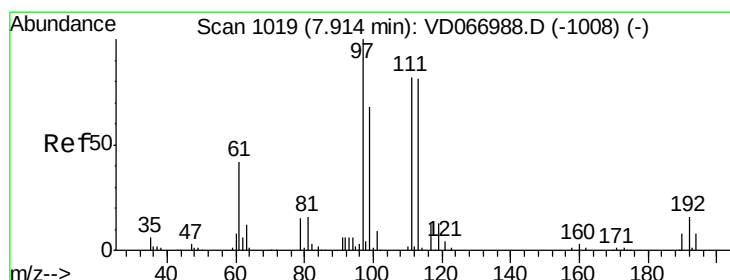
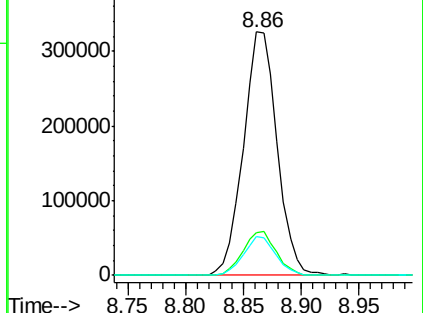
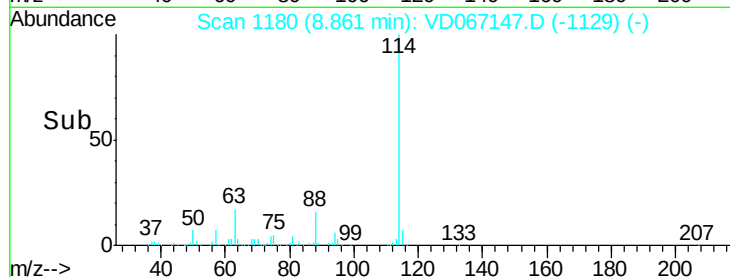
88 15.8 0.0 31.2



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: 48.598 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067147.D

Acq: 07 Oct 2020 12:48

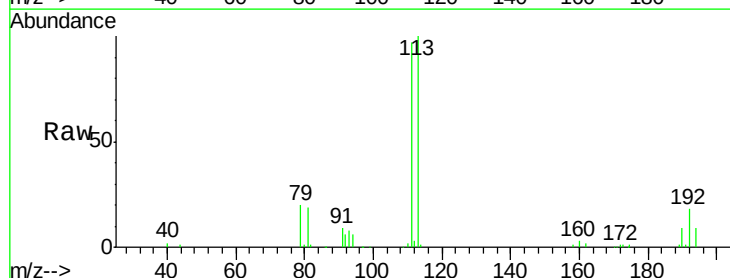
Tgt Ion:113 Resp: 210845

Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.4

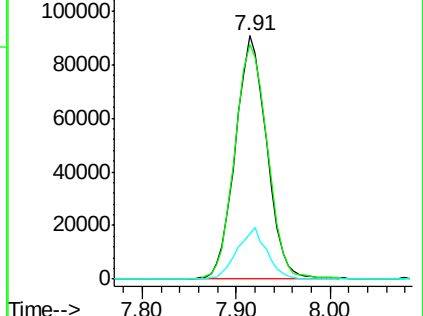
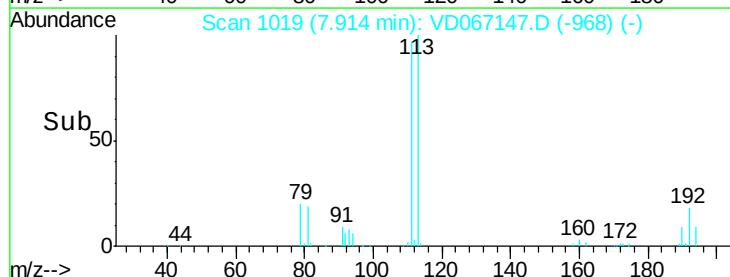
192 19.9 15.5 23.3

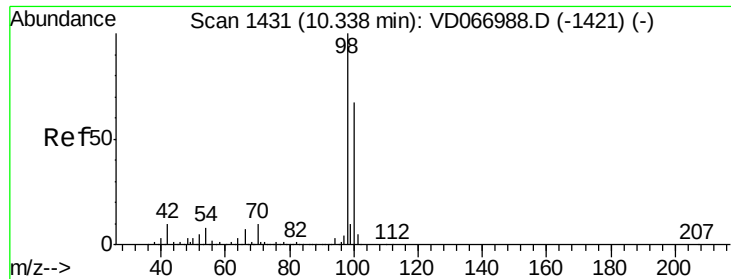


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

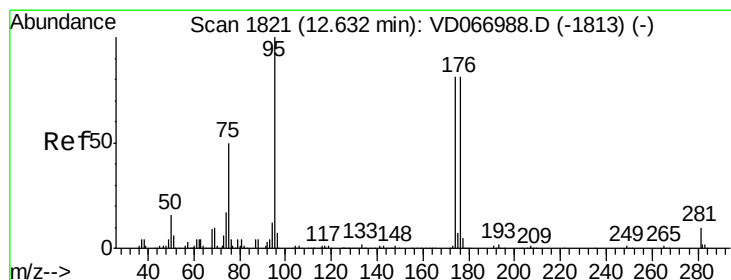
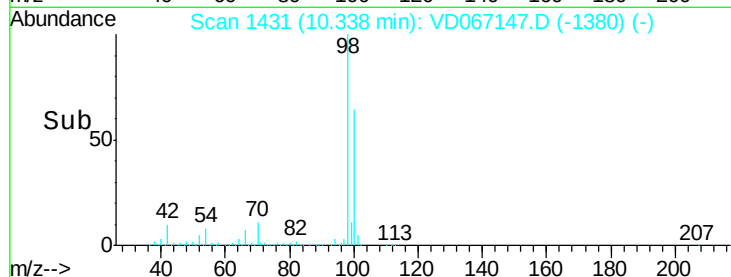
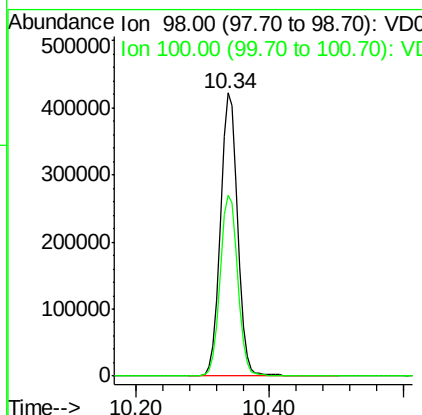
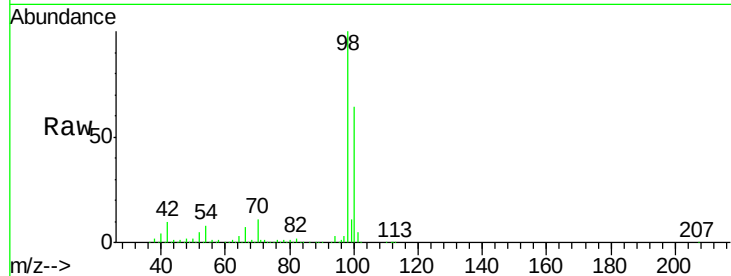




#50
Toluene-d8
Concen: 48.822 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067147.D
Acq: 07 Oct 2020 12:48

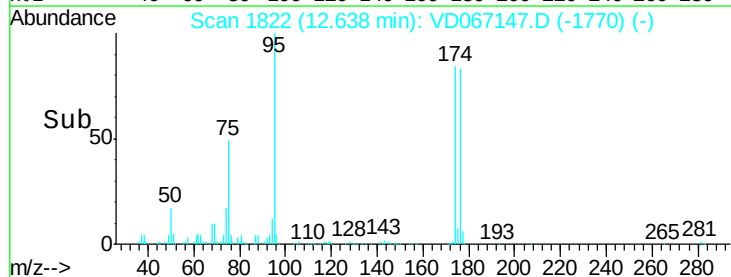
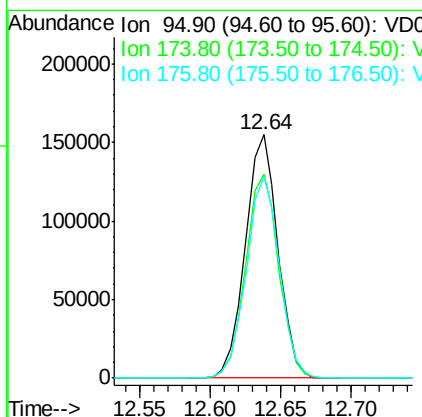
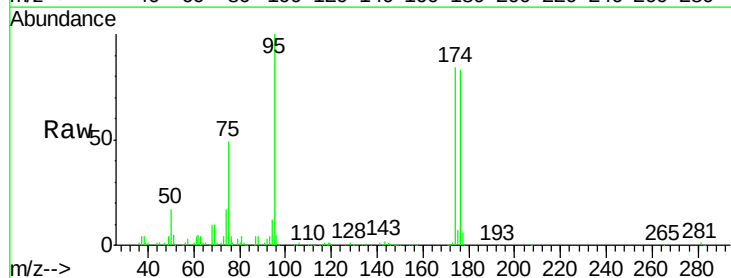
Instrument :
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SU-04-100620

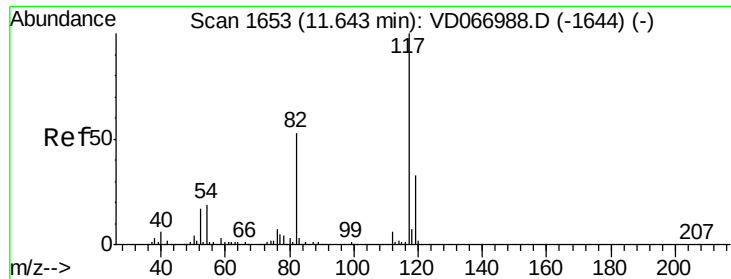
Tot Ion: 98 Resp: 771832
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.681 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067147.D
Acq: 07 Oct 2020 12:48

Tgt Ion: 95 Resp: 250528
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 84.4 0.0 162.4

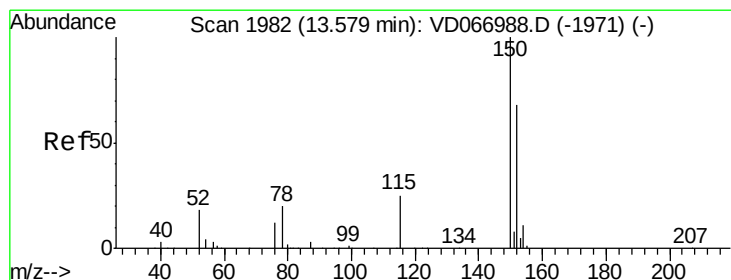
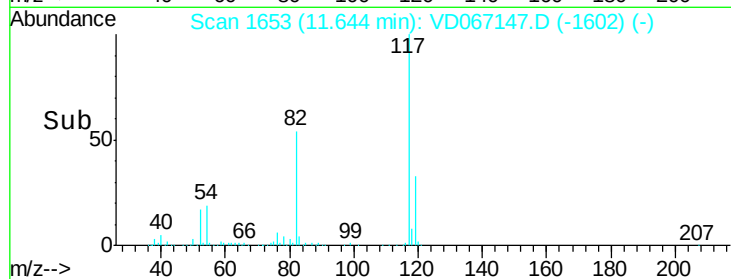
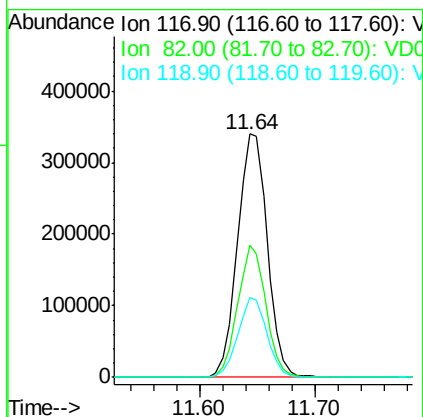
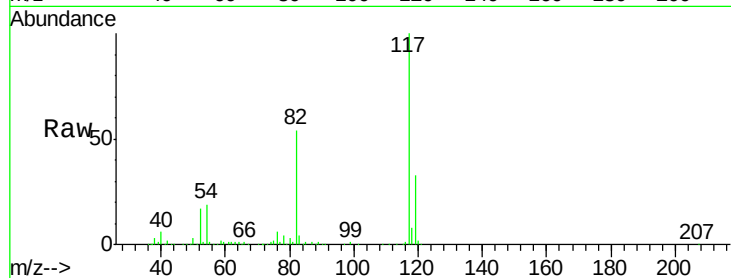




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067147.D
Acq: 07 Oct 2020 12:48

Instrument :
MSVOA_D
ClientSampleId :
SU-04-100620

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.6	63.8
119	32.8	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: VD067147.D
Acq: 07 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.6	88.8
150	156.7	0.0	344.8

