

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066217.D
 Acq On : 13 Aug 2020 18:23
 Operator : VA/SY
 Sample : L3508-07
 Misc : 4.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-081120

Quant Time: Aug 14 03:40:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	317809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	500686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	601794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340697	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	135151	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	7.91	113	154535	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.34	98	624246	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.63	95	295218	69.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.94%	

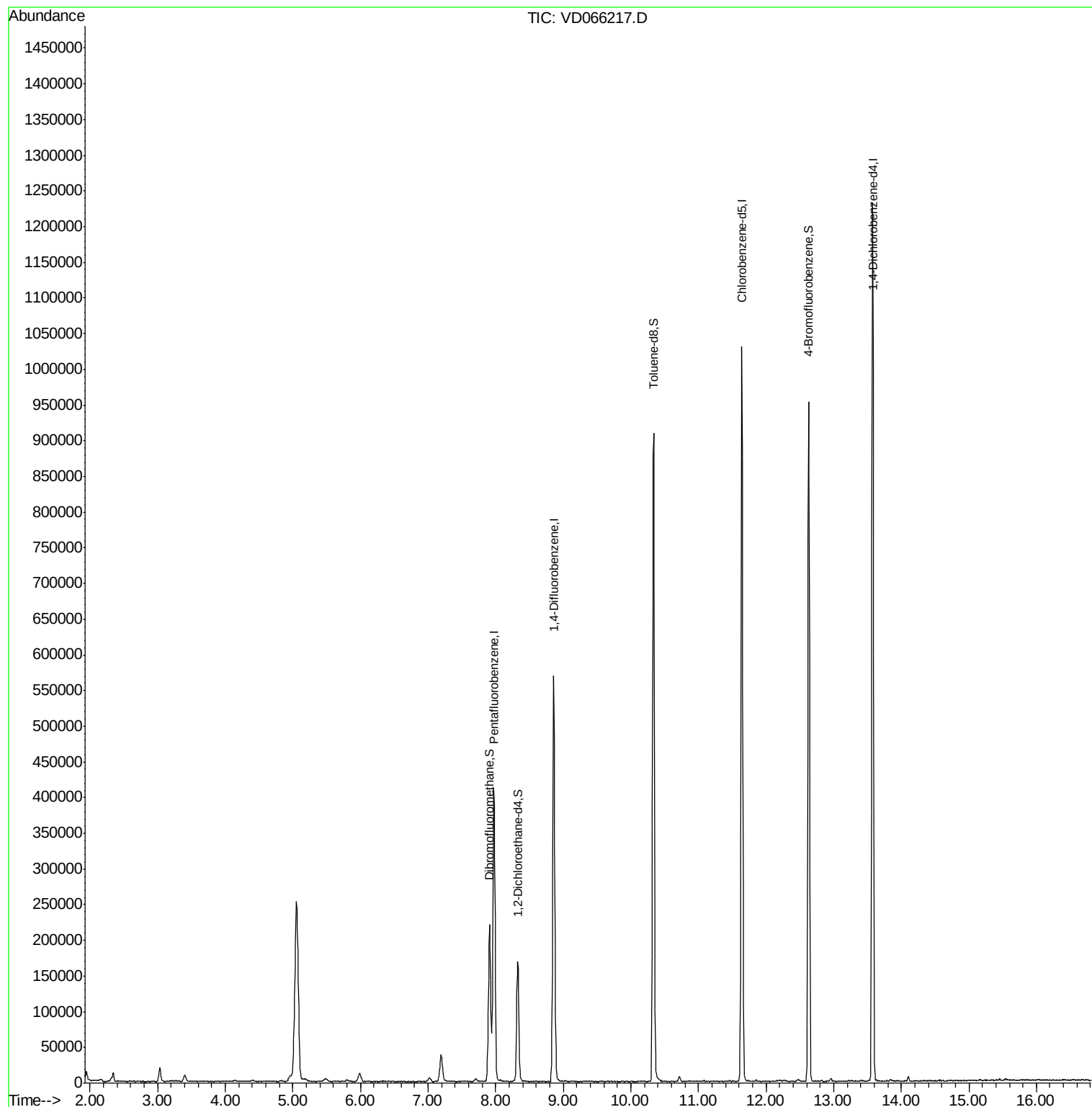
Target Compounds	Qvalue
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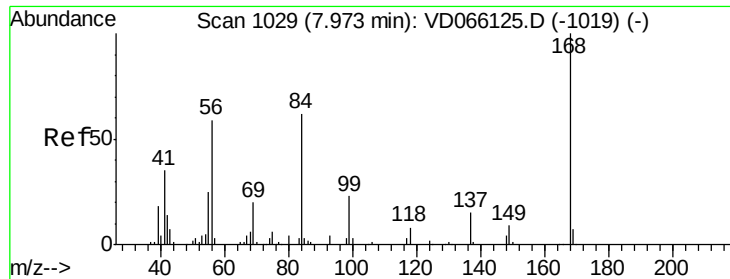
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

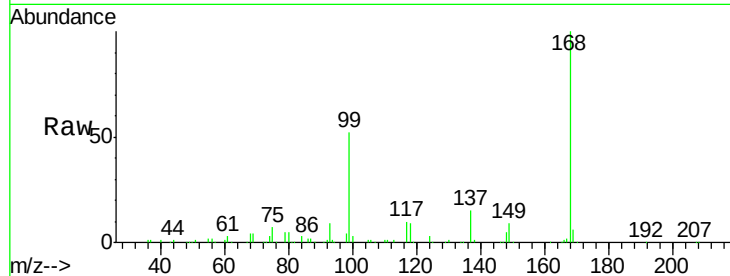
TR-05-081120

Tot Ion:168 Resp: 317809

Ion Ratio Lower Upper

168 100

99 51.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

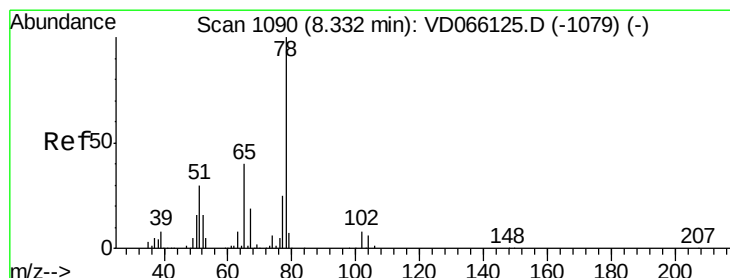
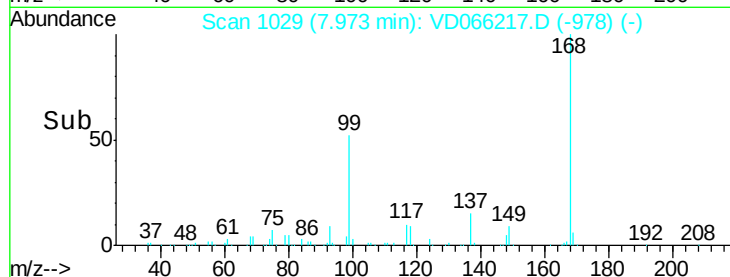
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.667 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066217.D

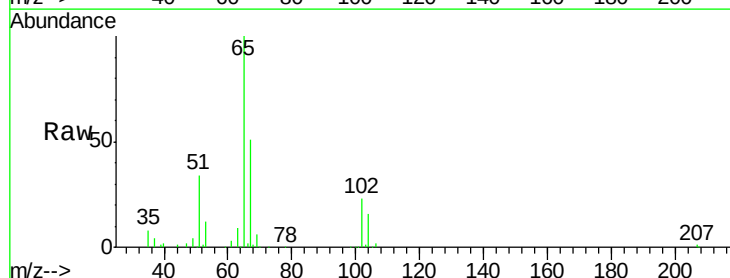
Acq: 13 Aug 2020 18:23

Tgt Ion: 65 Resp: 135151

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

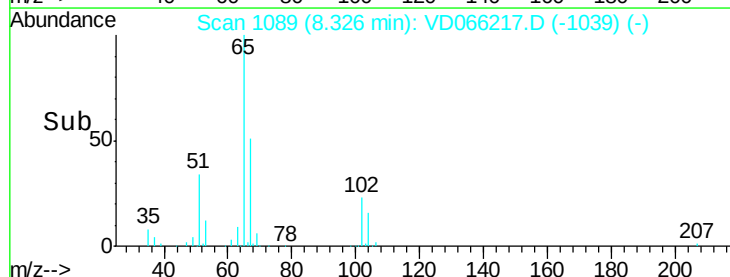
40000

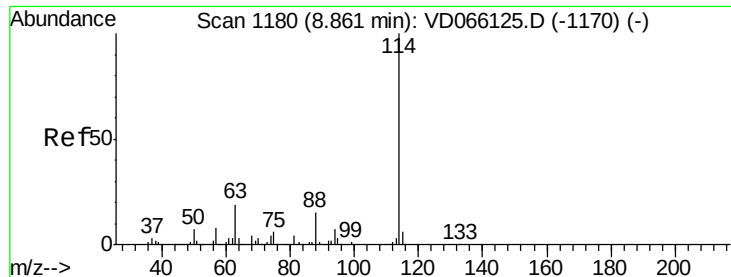
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

Instrument :

MSVOA_D

ClientSampleId :

TR-05-081120

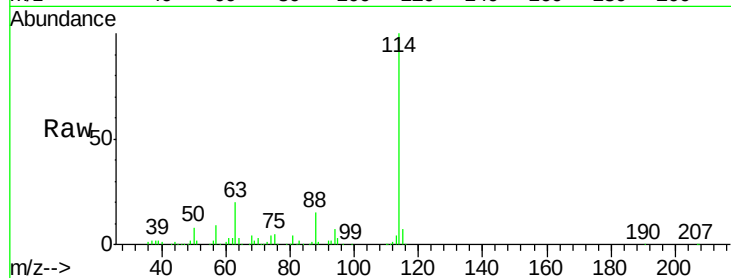
Tot Ion:114 Resp: 500686

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

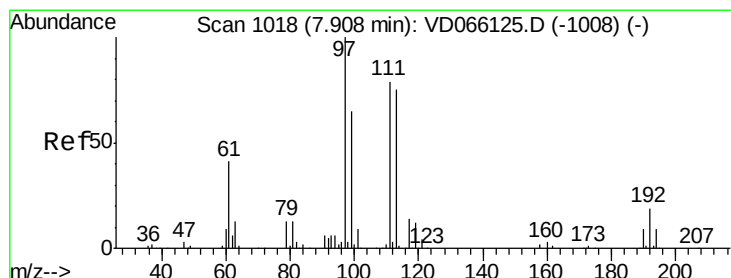
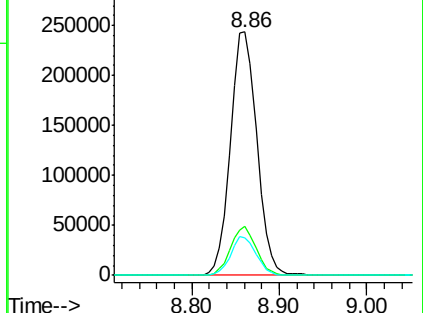
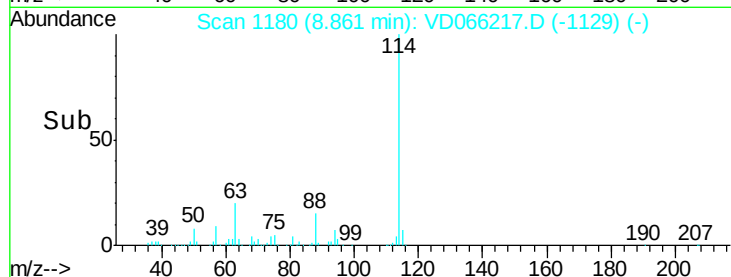
88 15.3 0.0 30.0



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: 48.722 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD066217.D

Acq: 13 Aug 2020 18:23

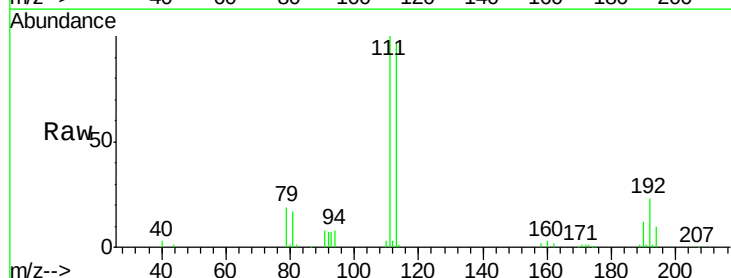
Tgt Ion:113 Resp: 154535

Ion Ratio Lower Upper

113 100

111 104.1 80.7 121.1

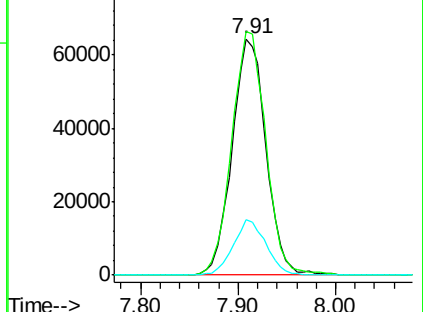
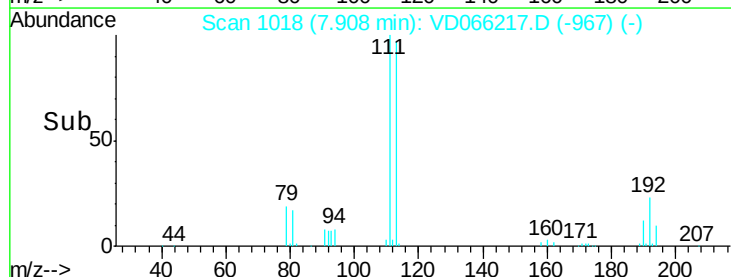
192 22.9 18.4 27.6

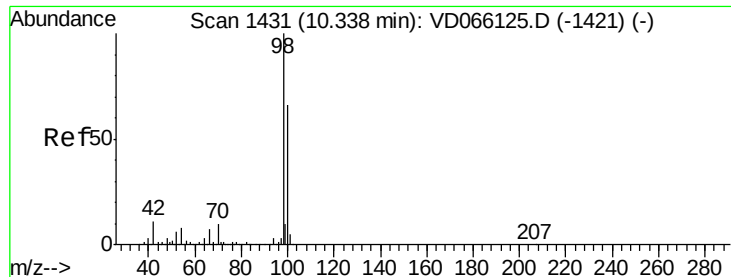


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

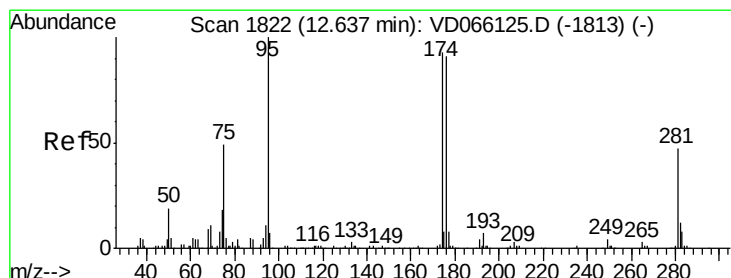
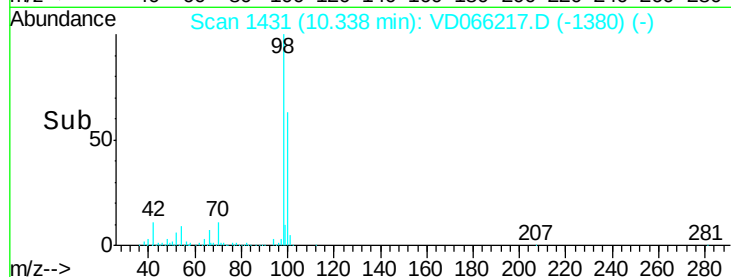
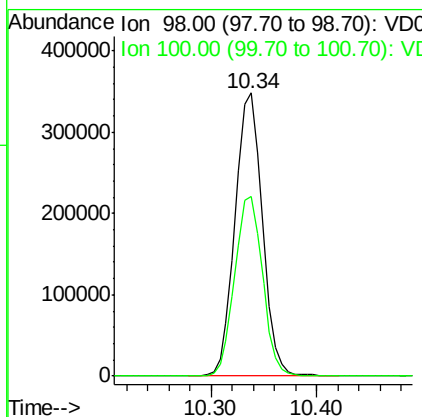
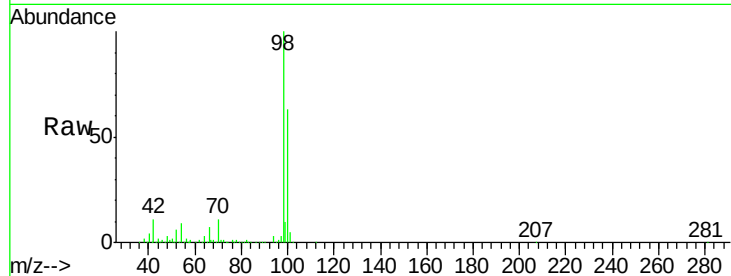




#50
Toluene-d8
Concen: 53.333 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

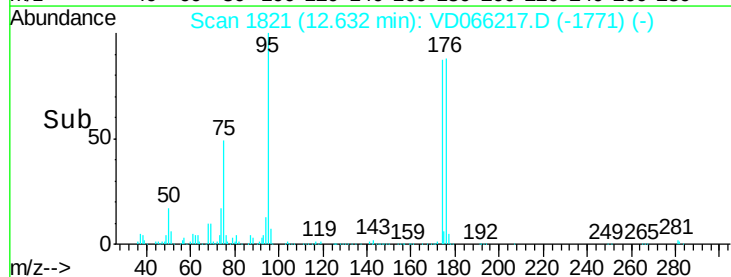
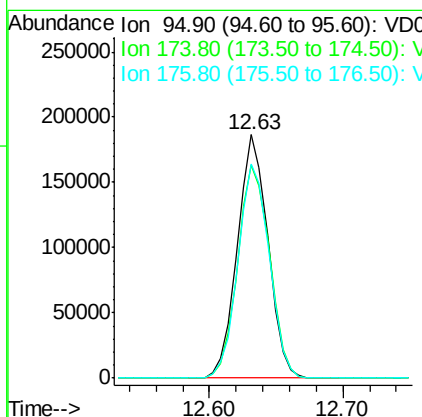
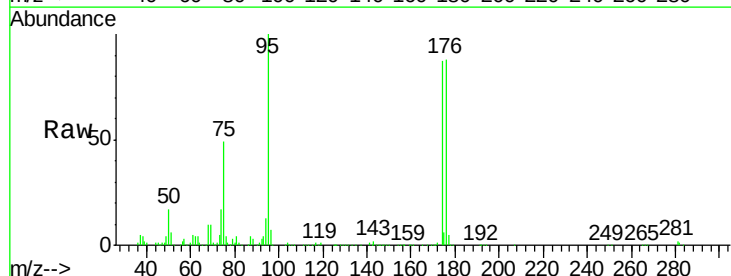
Instrument :
MSVOA_D
ClientSampleId :
TR-05-081120

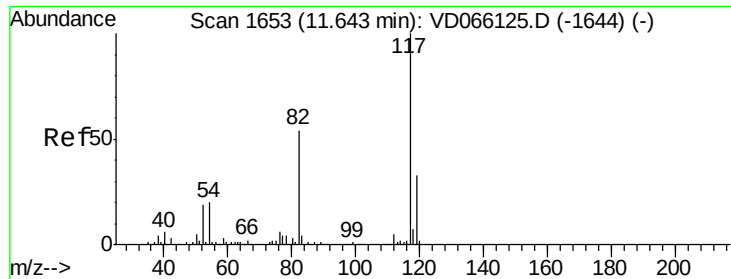
Tot Ion: 98 Resp: 624246
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 69.972 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

Tgt Ion: 95 Resp: 295218
Ion Ratio Lower Upper
95 100
174 91.2 0.0 180.8
176 90.0 0.0 181.2

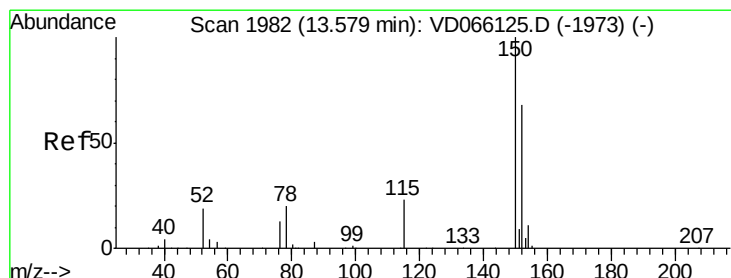
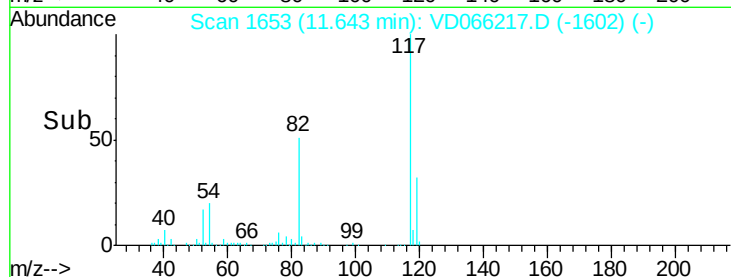
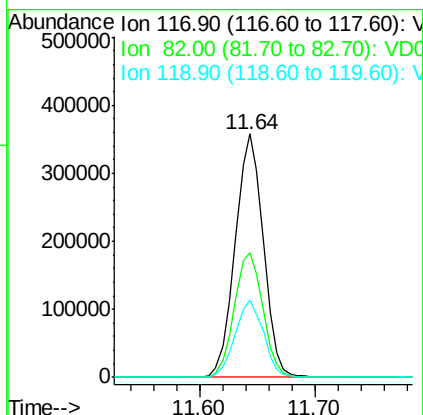
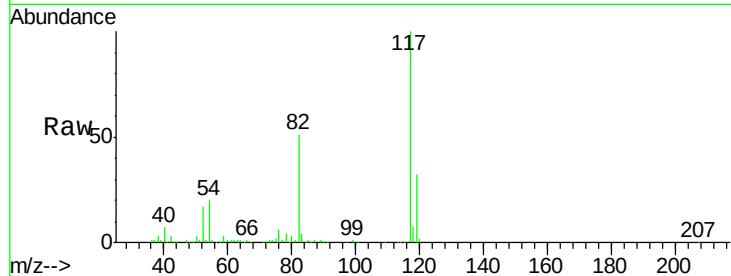




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

Instrument :
MSVOA_D
ClientSampleId :
TR-05-081120

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.0	64.4
119	31.6	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066217.D
Acq: 13 Aug 2020 18:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.0	83.9
150	155.6	0.0	346.4

