

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066323.D
 Acq On : 19 Aug 2020 17:19
 Operator : VA/SY
 Sample : 12608
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12608

Quant Time: Aug 20 07:41:53 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

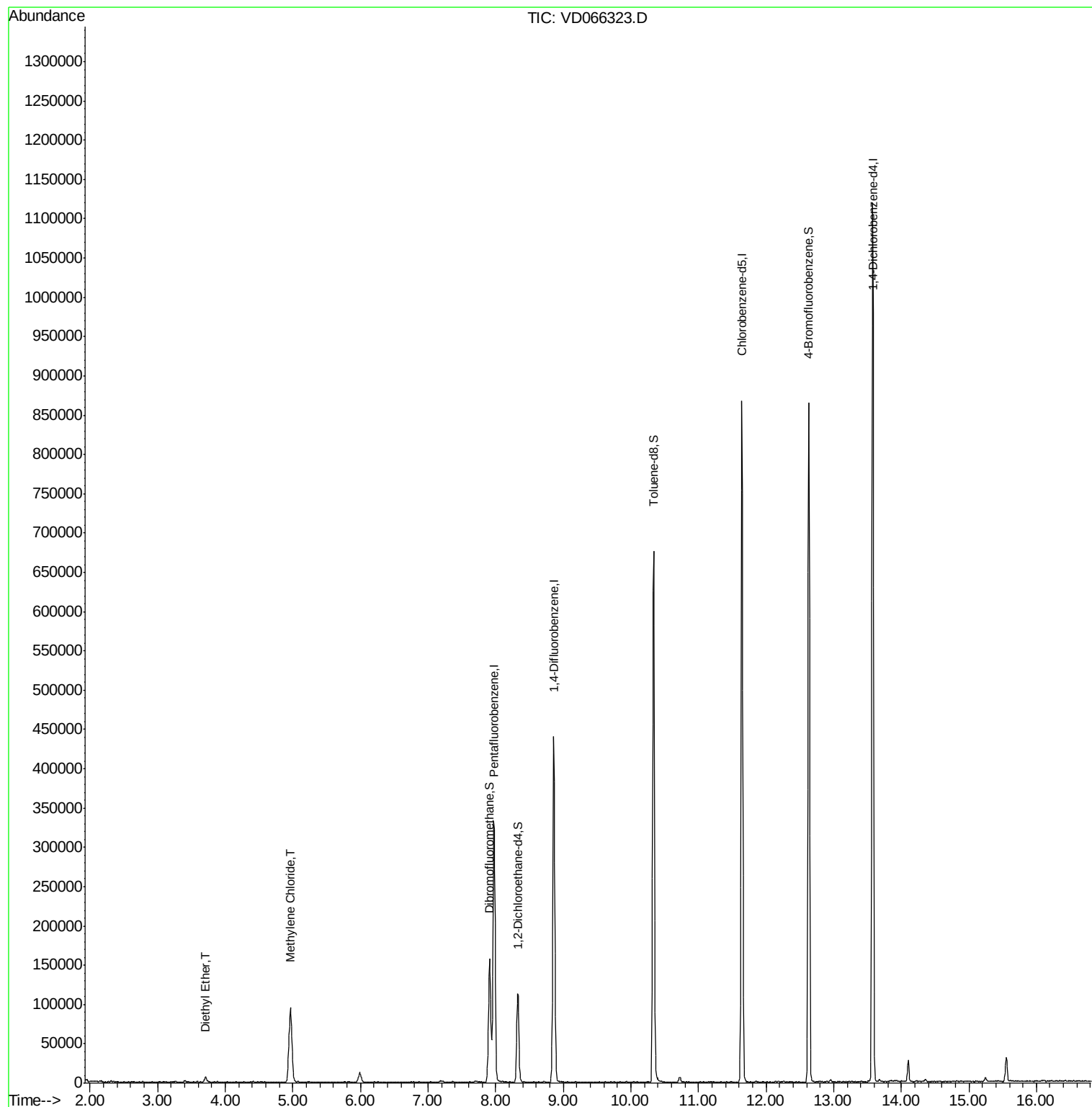
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	254475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	377511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	497687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	98187	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
35) Dibromofluoromethane	7.91	113	110894	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
50) Toluene-d8	10.34	98	457323	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.63	95	260112	81.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.54%	
Target Compounds						
8) Diethyl Ether	3.71	74	3562	3.136	ug/l	92
20) Methylene Chloride	4.96	84	72868	27.341	ug/l	92

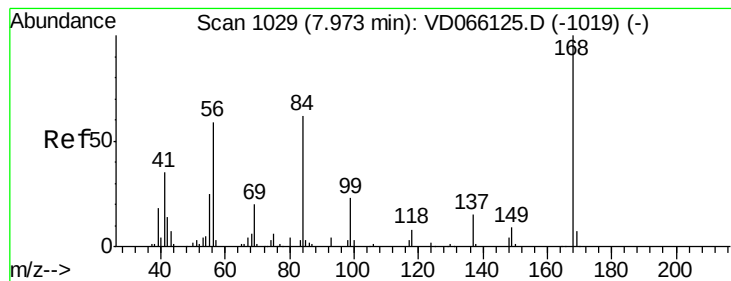
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066323.D

Acq: 19 Aug 2020 17:19

Instrument :

MSVOA_D

ClientSampleId :

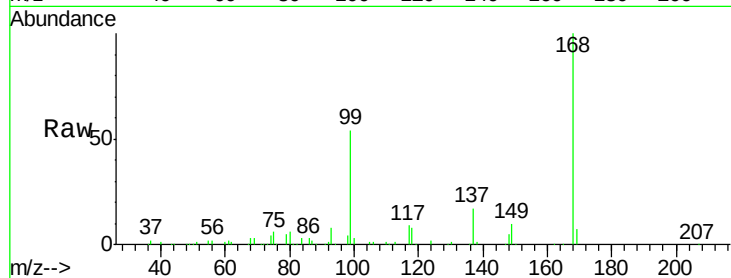
12608

Tot Ion:168 Resp: 254475

Ion Ratio Lower Upper

168 100

99 54.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

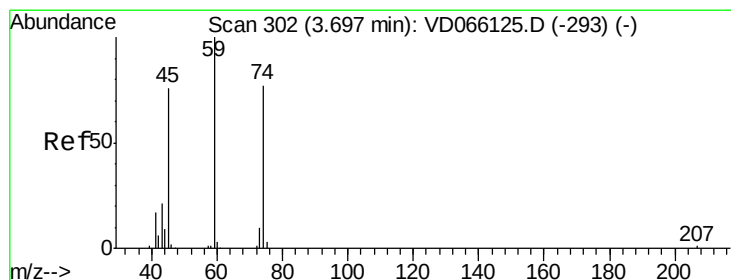
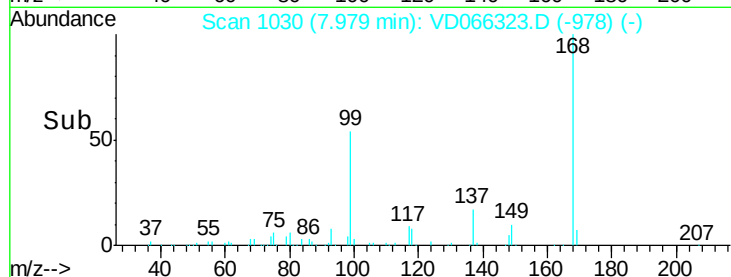
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 3.136 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD066323.D

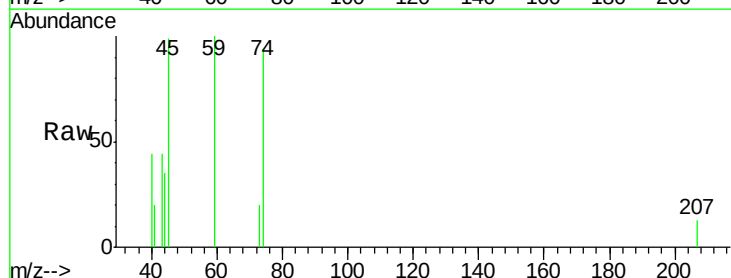
Acq: 19 Aug 2020 17:19

Tgt Ion: 74 Resp: 3562

Ion Ratio Lower Upper

74 100

45 89.0 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

2000

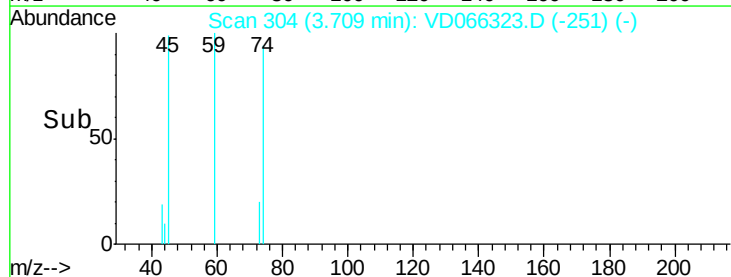
1500

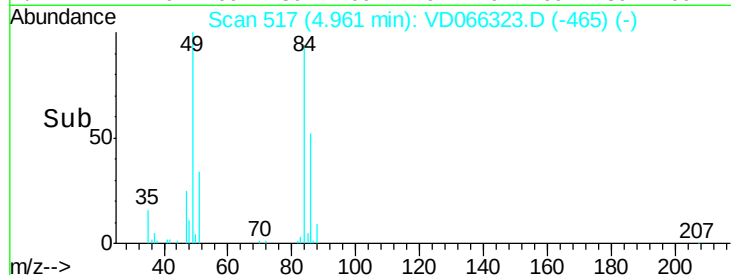
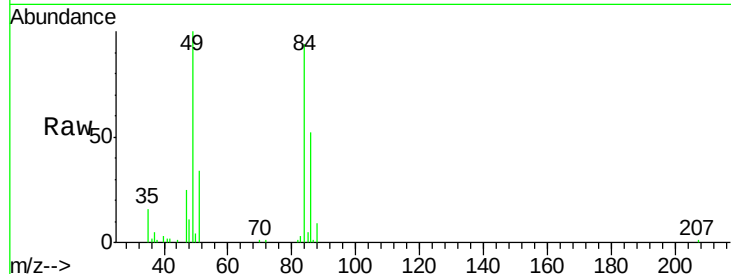
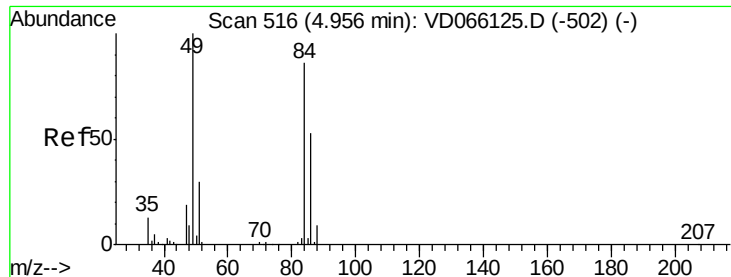
1000

500

0

Time-->

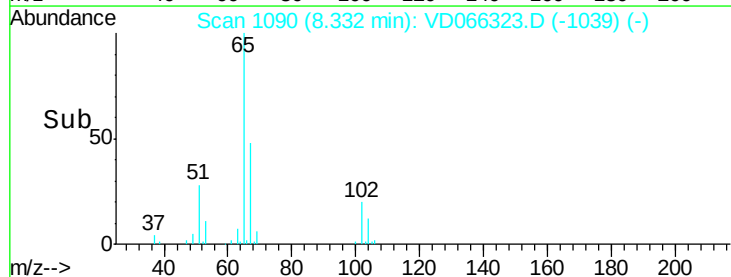
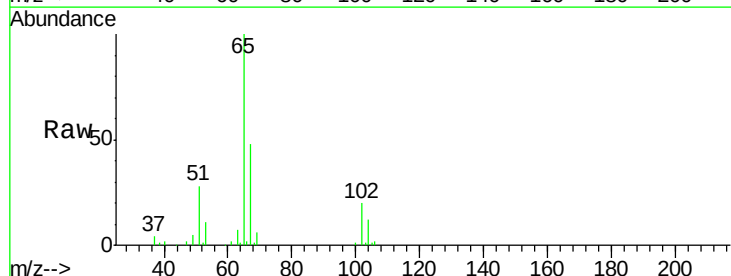
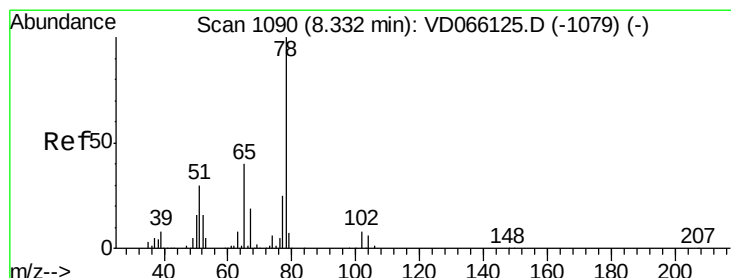
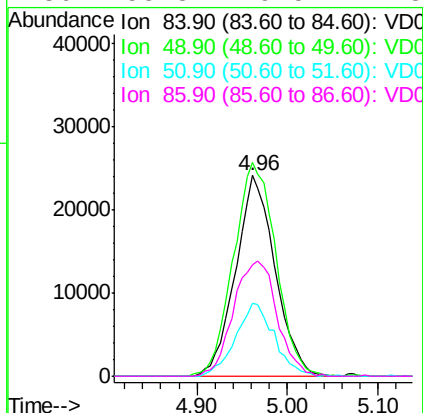




#20
Methylene Chloride
Concen: 27.341 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066323.D
Acq: 19 Aug 2020 17:19

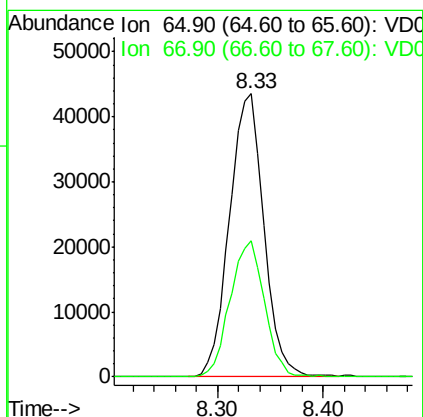
Instrument :
MSVOA_D
ClientSampleId :
12608

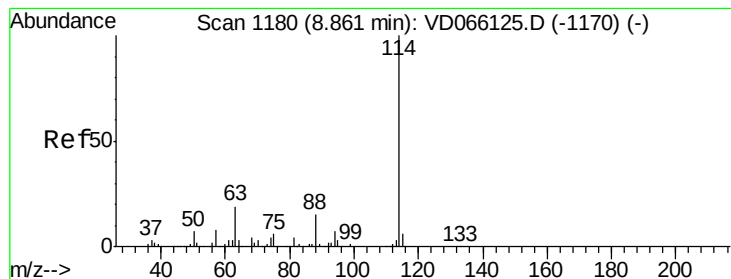
Tot Ion:	84	Resp:	72868
Ion	Ratio	Lower	Upper
84	100		
49	106.5	93.5	140.3
51	36.2	28.2	42.4
86	55.3	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 43.248 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066323.D
Acq: 19 Aug 2020 17:19

Tgt Ion:	65	Resp:	98187
Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066323.D

Acq: 19 Aug 2020 17:19

Instrument :

MSVOA_D

ClientSampleId :

12608

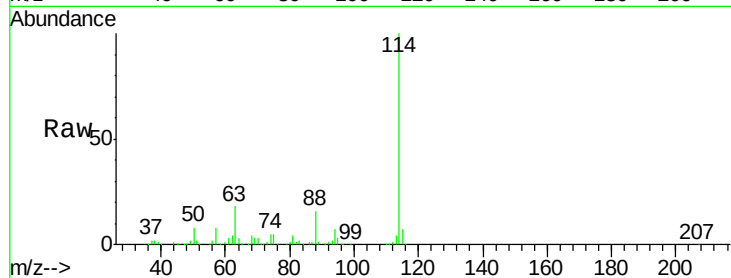
Tot Ion:114 Resp: 377511

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.6

88 15.6 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

250000

200000

150000

100000

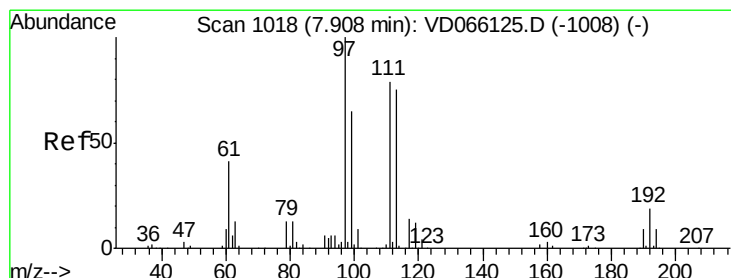
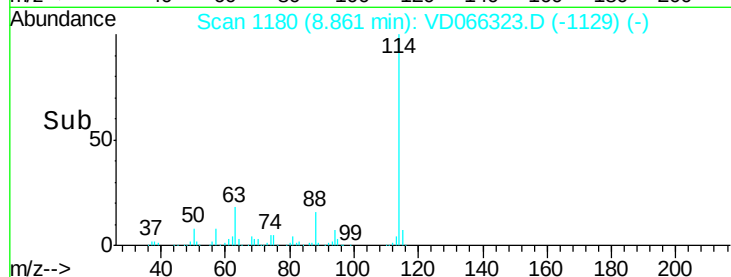
50000

0

8.86

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 46.370 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066323.D

Acq: 19 Aug 2020 17:19

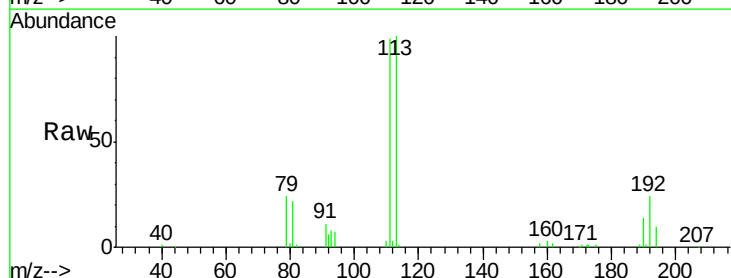
Tgt Ion:113 Resp: 110894

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

192 23.0 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

60000

50000

40000

30000

20000

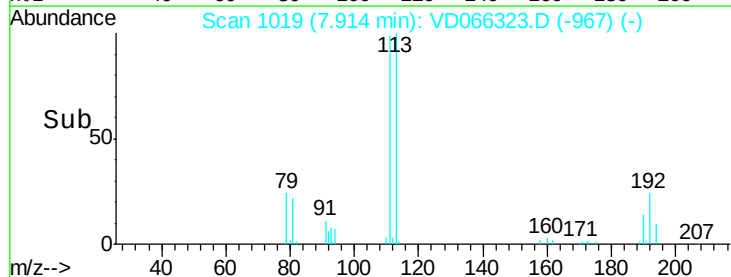
10000

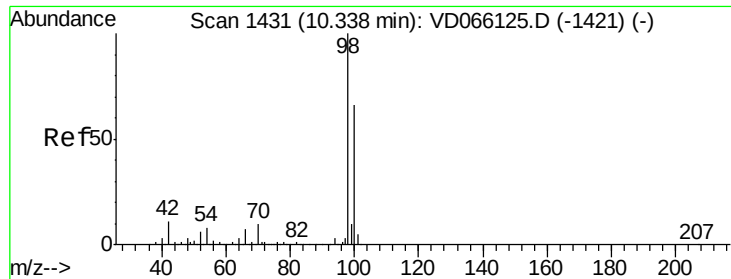
0

7.91

7.80 7.90 8.00 8.10

Time-->





#50

Toluene-d8

Concen: 51.820 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066323.D

Acq: 19 Aug 2020 17:19

Instrument :

MSVOA_D

ClientSampled :

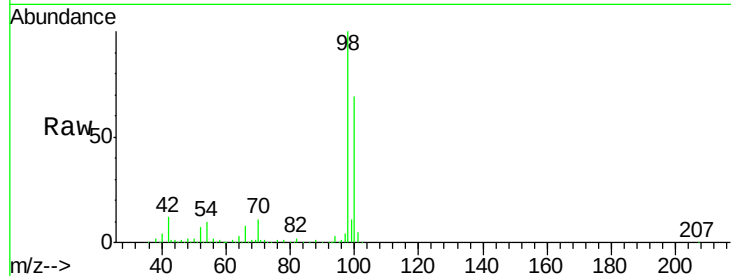
12608

Tot Ion: 98 Resp: 457323

Ion Ratio Lower Upper

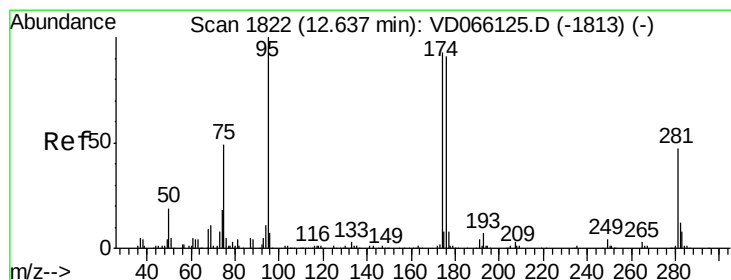
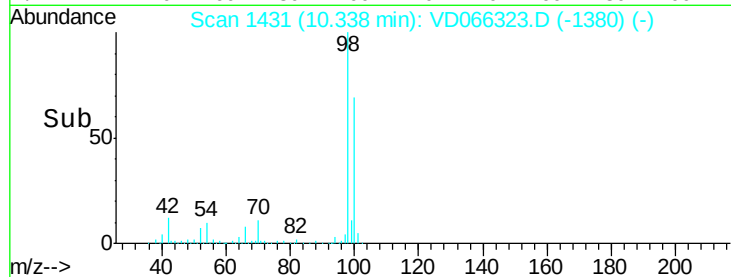
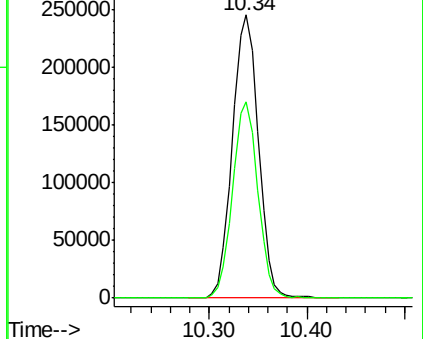
98 100

100 67.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 81.767 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066323.D

Acq: 19 Aug 2020 17:19

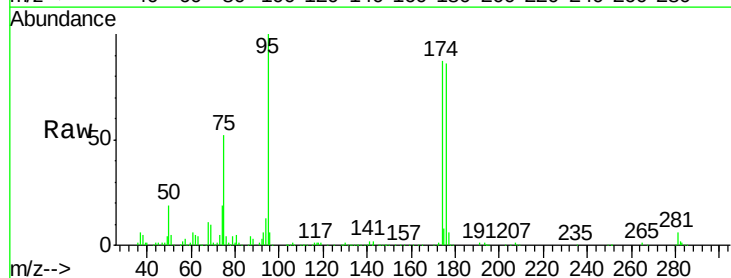
Tgt Ion: 95 Resp: 260112

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.8

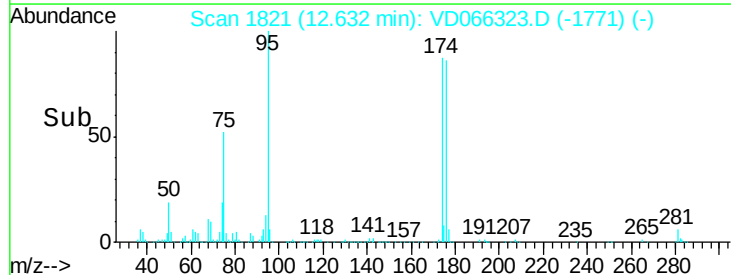
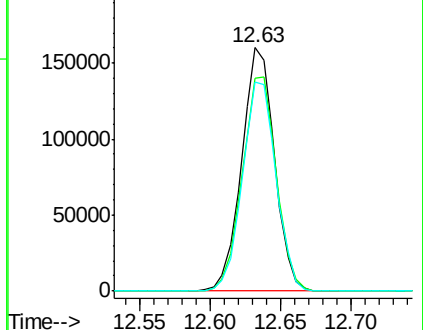
176 88.2 0.0 181.2

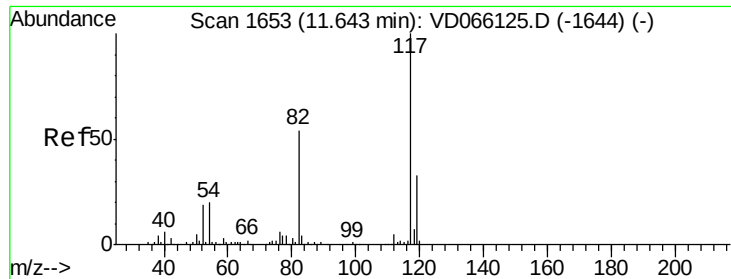


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

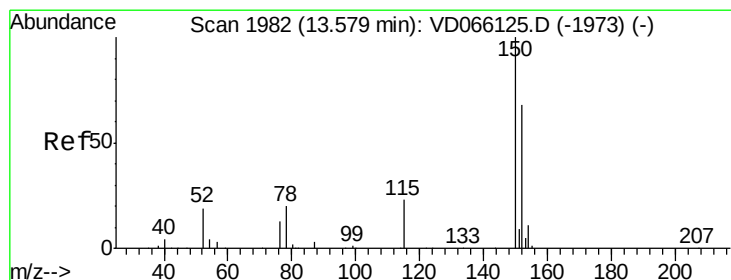
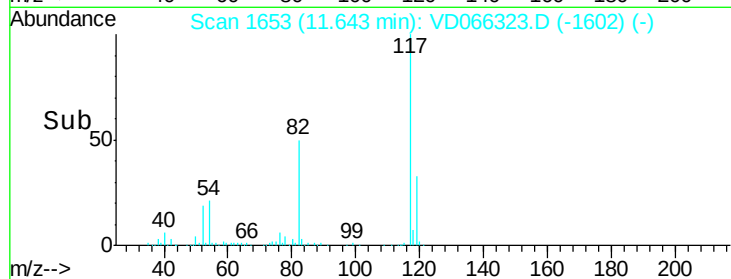
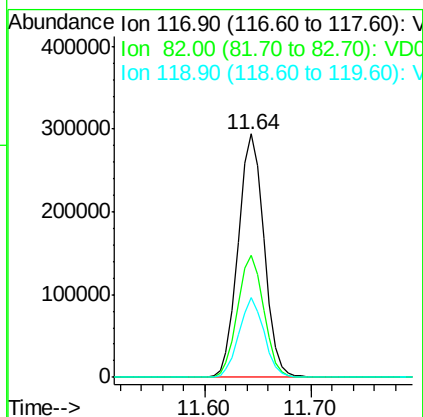
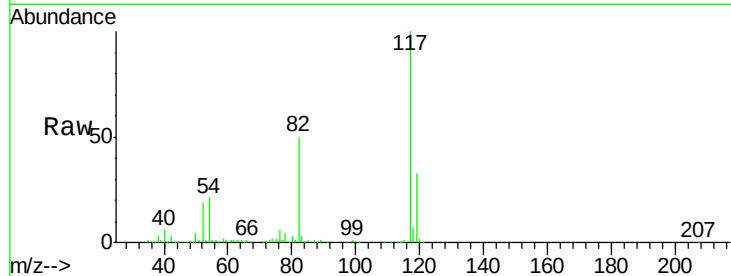




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066323.D
Acq: 19 Aug 2020 17:19

Instrument :
MSVOA_D
ClientSampleId :
12608

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	43.0	64.4
119	32.9	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: VD066323.D
Acq: 19 Aug 2020 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.0	83.9
150	155.9	0.0	346.4

