

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066324.D
 Acq On : 19 Aug 2020 17:46
 Operator : VA/SY
 Sample : 12614
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 12614

Quant Time: Aug 20 07:43:05 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

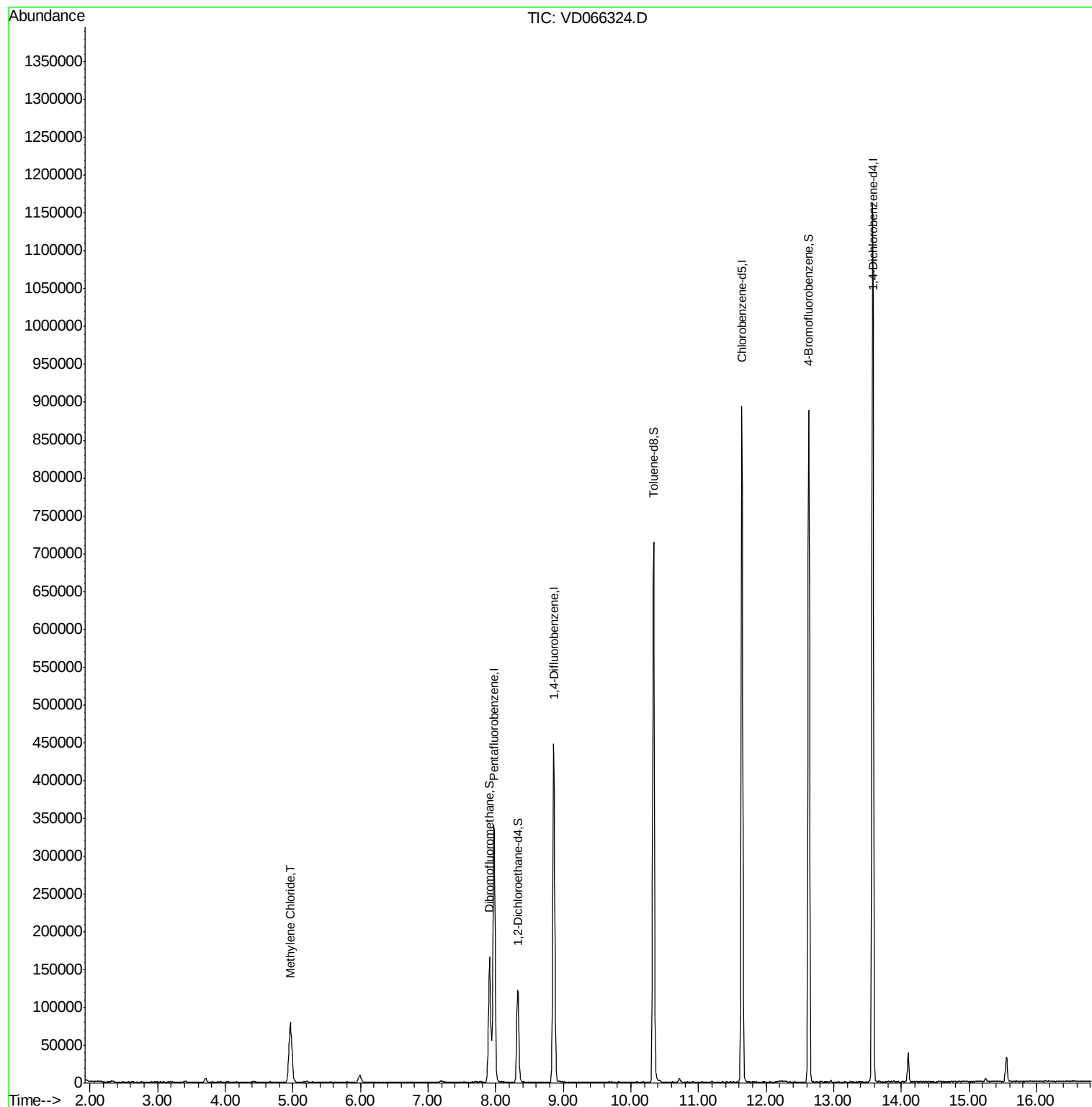
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	258860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	383682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	505393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104897	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
35) Dibromofluoromethane	7.91	113	112792	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	10.34	98	474672	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.63	95	266738	82.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	165.00%	
Target Compounds						
20) Methylene Chloride	4.97	84	60894	21.543	ug/l	Qvalue 92

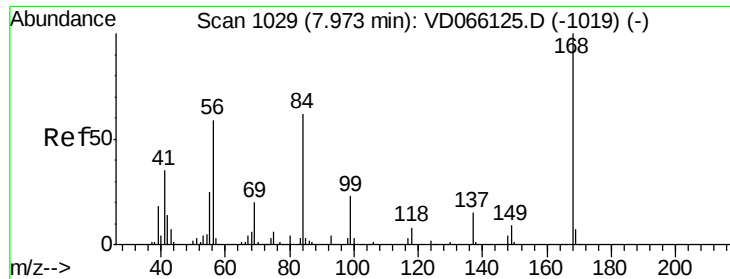
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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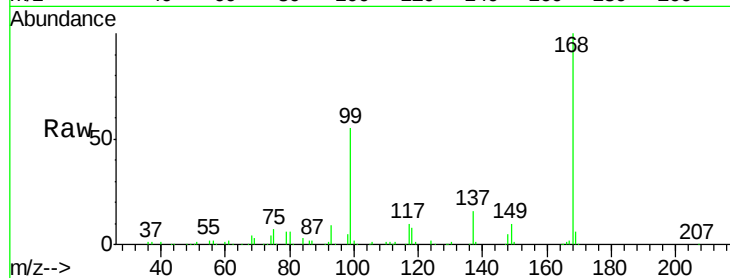
12614

Tot Ion:168 Resp: 258860

Ion Ratio Lower Upper

168 100

99 54.6 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

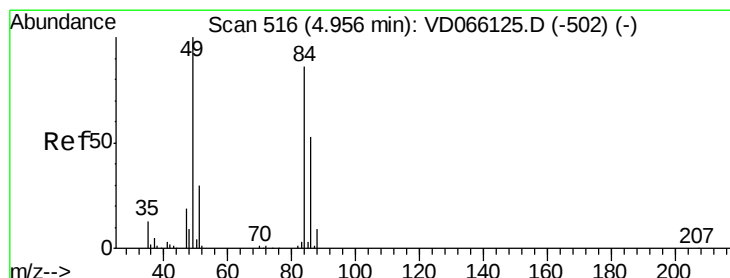
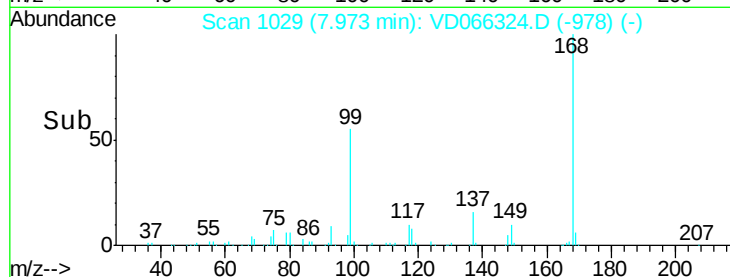
100000

50000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 21.543 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066324.D

Acq: 19 Aug 2020 17:46

Tgt Ion: 84 Resp: 60894

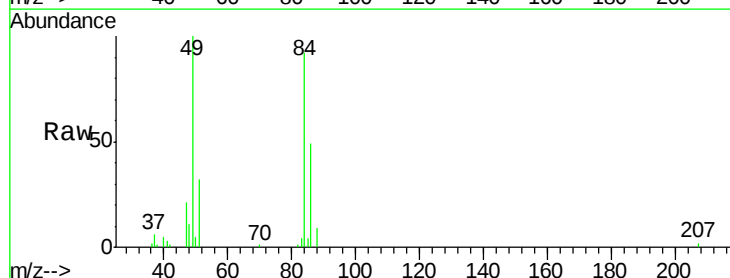
Ion Ratio Lower Upper

84 100

49 108.2 93.5 140.3

51 34.2 28.2 42.4

86 52.7 49.5 74.3



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.97

30000

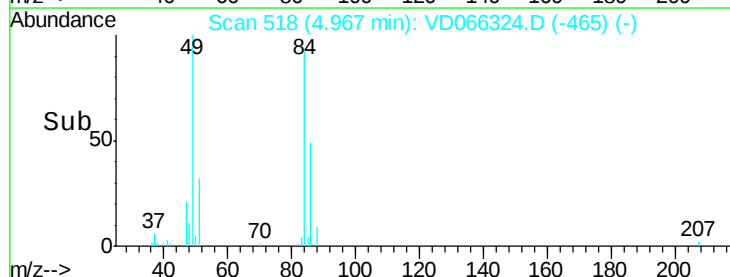
20000

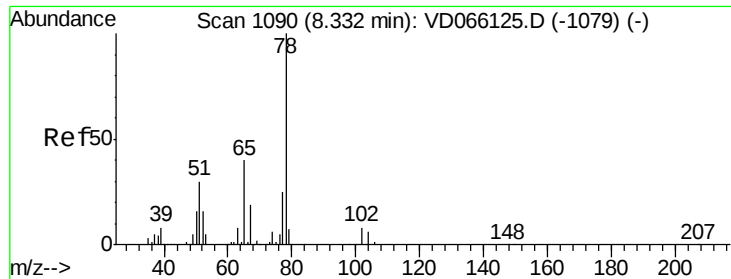
10000

0

Time-->

4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 45.421 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066324.D

Acq: 19 Aug 2020 17:46

Instrument :

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ClientSampleId :

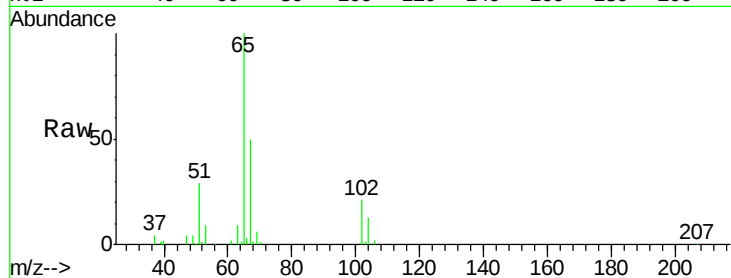
12614

Tot Ion: 65 Resp: 104897

Ion Ratio Lower Upper

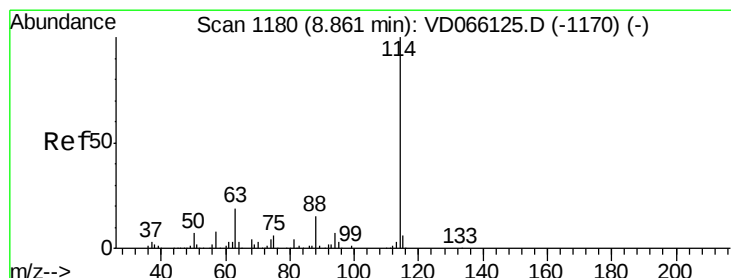
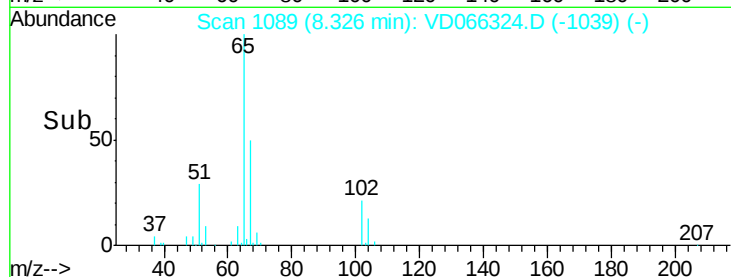
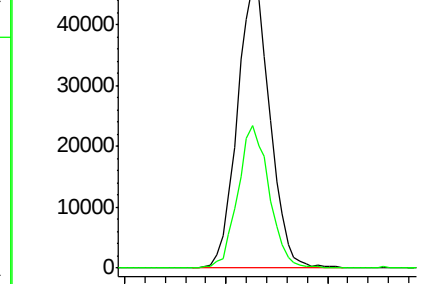
65 100

67 47.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066324.D

Acq: 19 Aug 2020 17:46

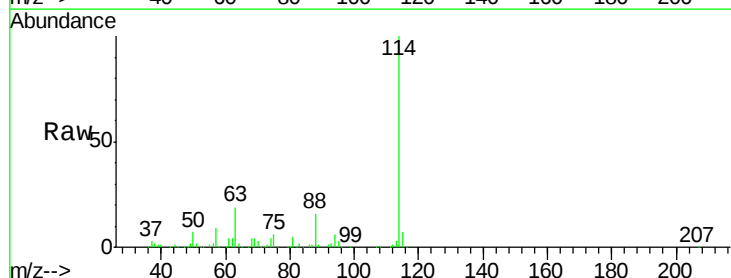
Tgt Ion:114 Resp: 383682

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

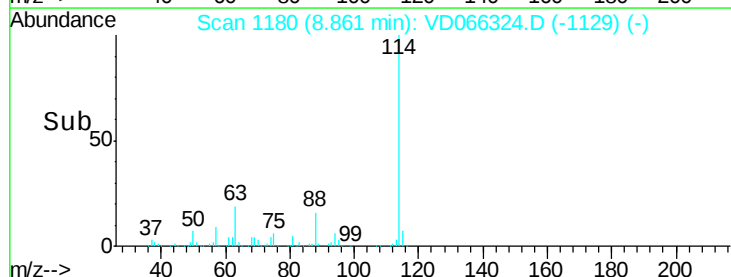
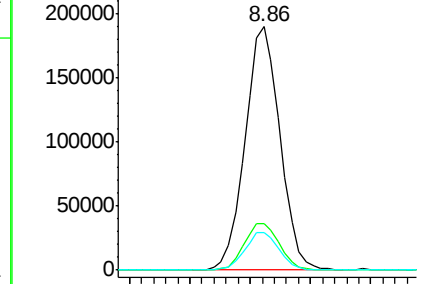
88 15.7 0.0 30.0

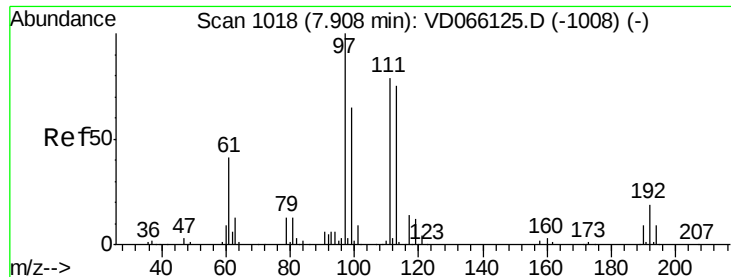


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

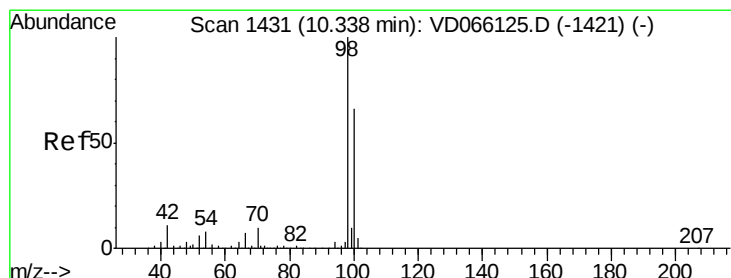
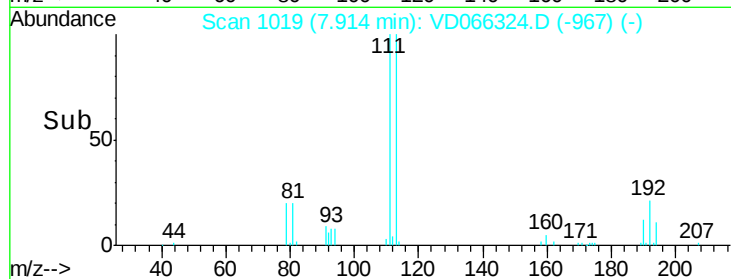
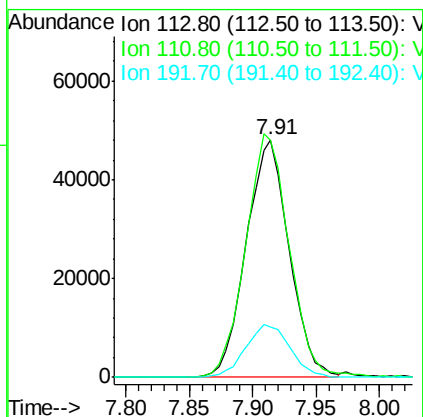
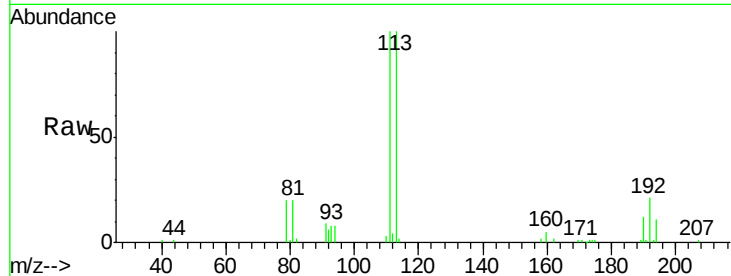




#35
 Dibromofluoromethane
 Concen: 46.405 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066324.D
 Acq: 19 Aug 2020 17:46

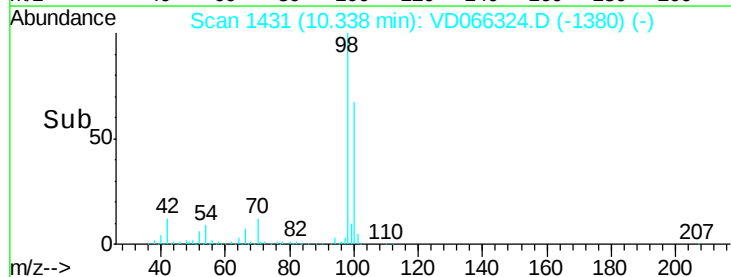
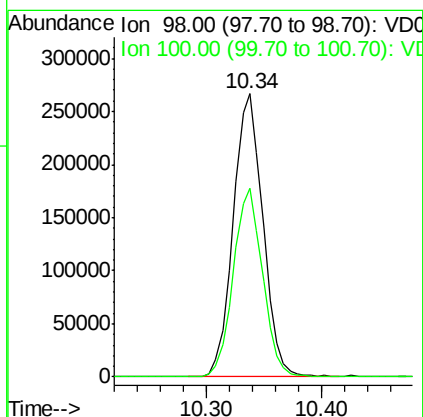
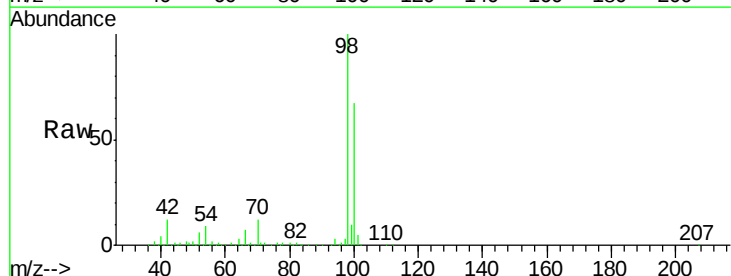
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 12614

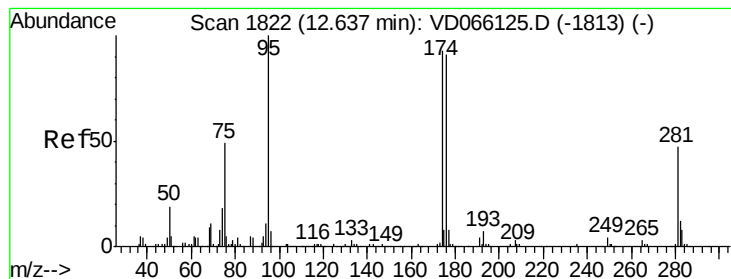
Tot Ion:113 Resp: 112792
 Ion Ratio Lower Upper
 113 100
 111 104.4 80.7 121.1
 192 23.1 18.4 27.6



#50
 Toluene-d8
 Concen: 52.921 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066324.D
 Acq: 19 Aug 2020 17:46

Tgt Ion: 98 Resp: 474672
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 82.501 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066324.D

Acq: 19 Aug 2020 17:46

Instrument :

MSVOA_D

ClientSampleId :

12614

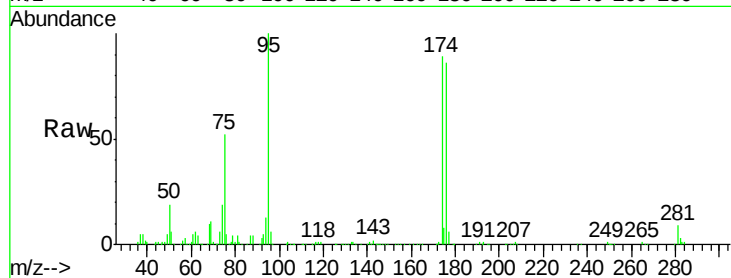
Tot Ion: 95 Resp: 266738

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.8

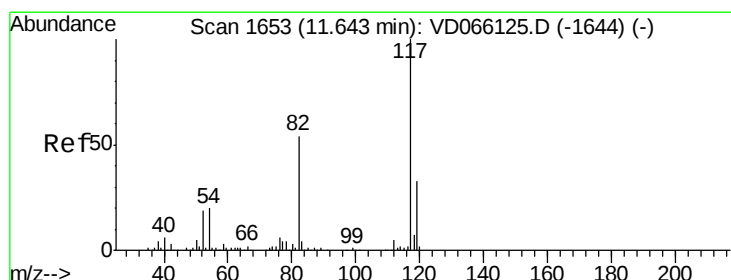
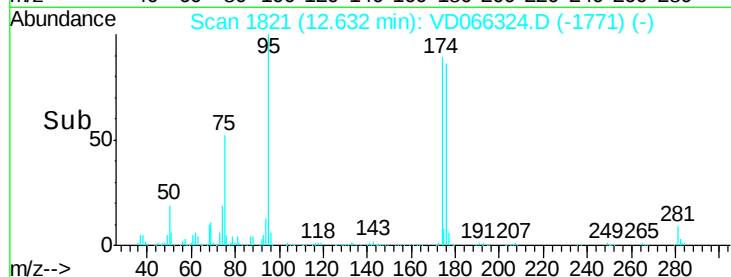
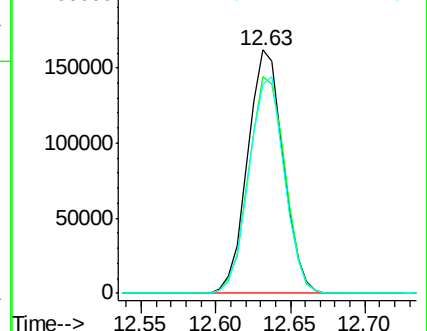
176 88.5 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066324.D

Acq: 19 Aug 2020 17:46

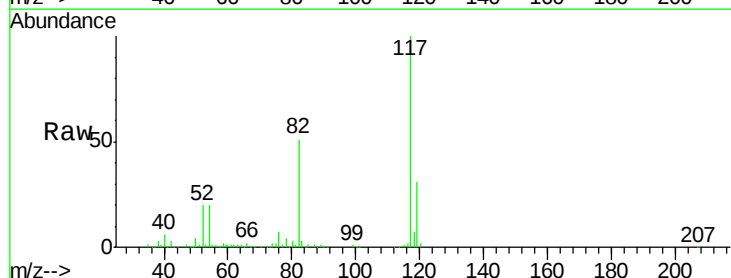
Tgt Ion: 117 Resp: 505393

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

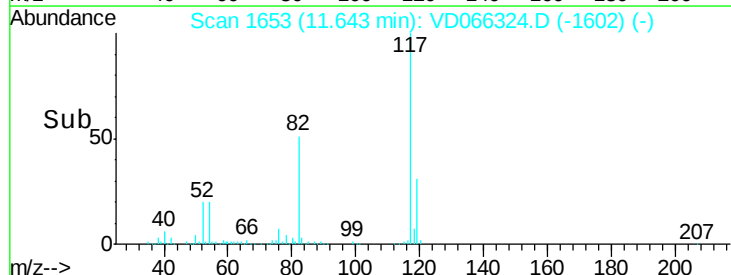
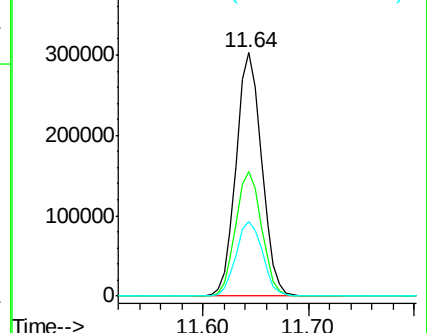
119 30.9 26.1 39.1

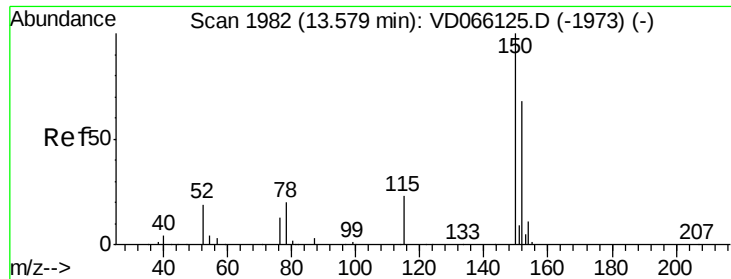


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066324.D

Acq: 19 Aug 2020 17:46

Instrument :

MSVOA_D

ClientSampleId :

12614

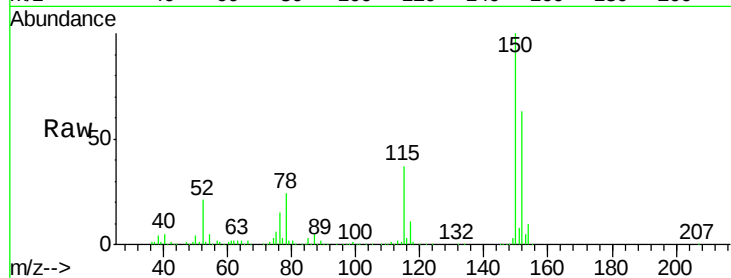
Tot Ion:152 Resp: 315627

Ion Ratio Lower Upper

152 100

115 57.1 28.0 83.9

150 157.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

