

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065625.D
 Acq On : 13 Apr 2020 19:10
 Operator : VA/SY
 Sample : L2230-03
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Apr 14 04:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

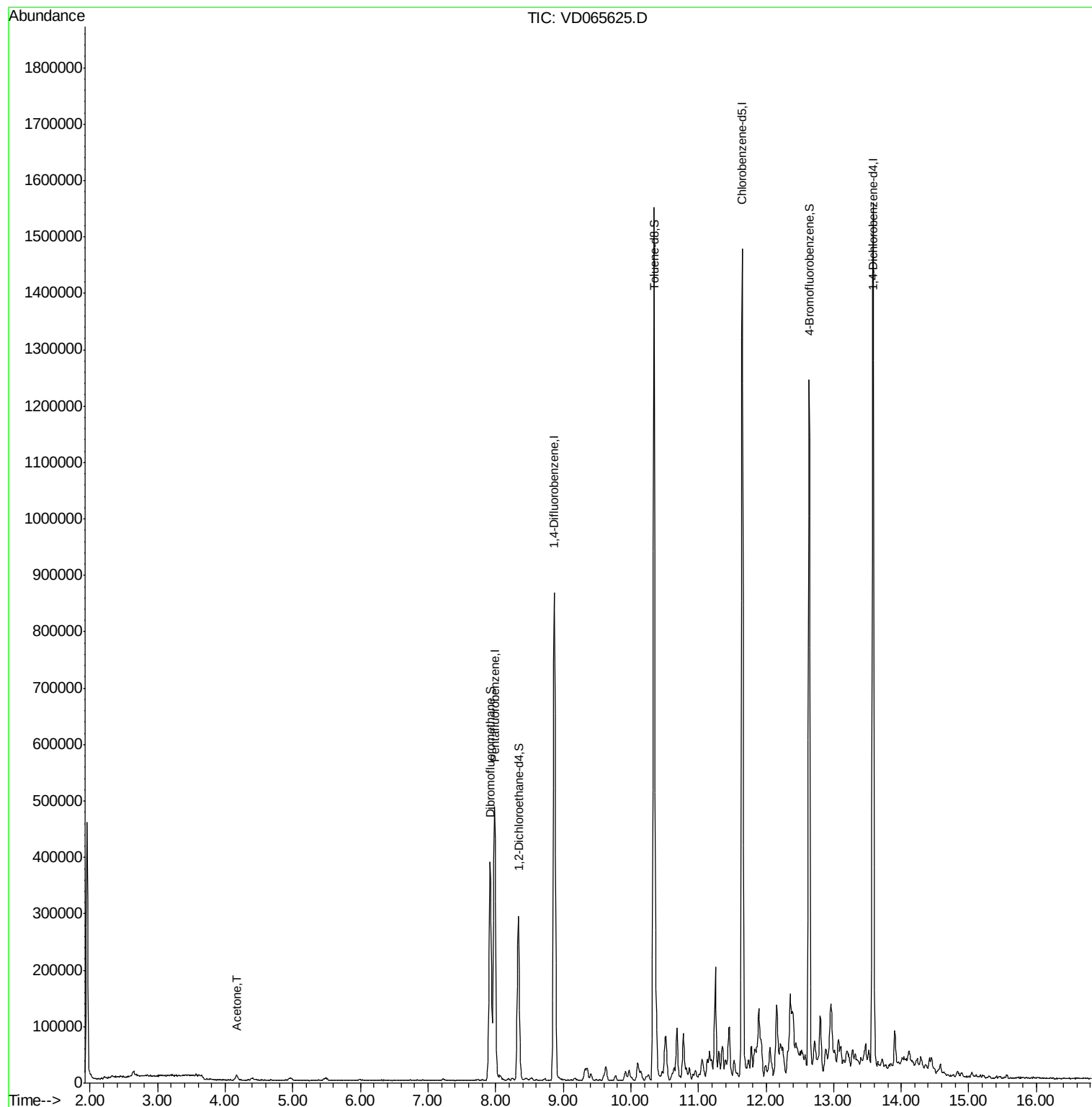
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	382074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	768066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	859373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	435419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	237052	65.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.20%	
35) Dibromofluoromethane	7.92	113	273224	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.34	98	1017073	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.64	95	379068	60.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.40%	
Target Compounds						
16) Acetone	4.17	43	13691	20.982	ug/l	Qvalue 99

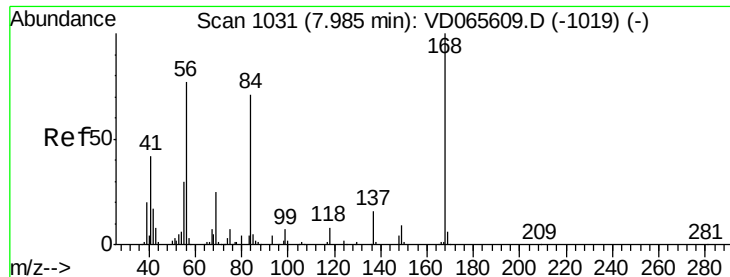
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065625.D

Acq: 13 Apr 2020 19:10

Instrument :

MSVOA_D

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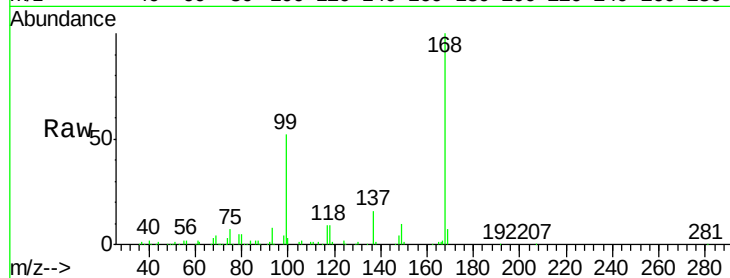
TP-3

Tot Ion:168 Resp: 382074

Ion Ratio Lower Upper

168 100

99 51.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

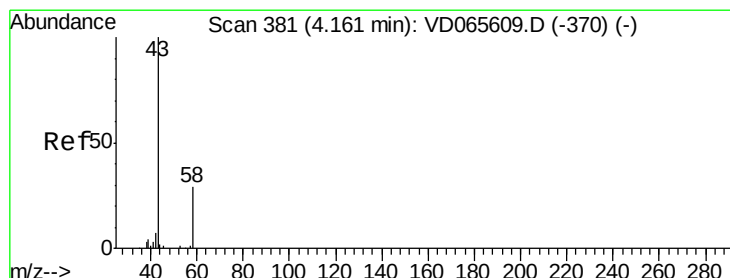
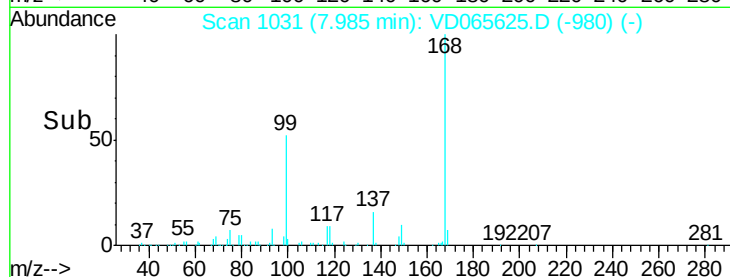
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.982 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065625.D

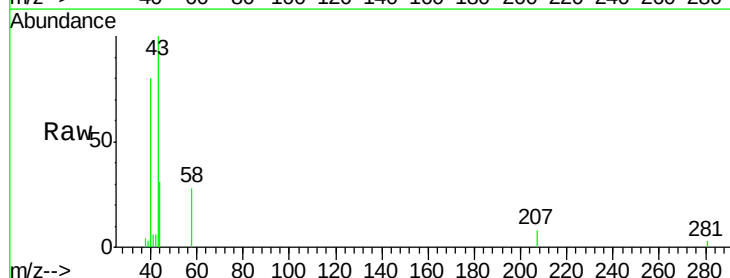
Acq: 13 Apr 2020 19:10

Tgt Ion: 43 Resp: 13691

Ion Ratio Lower Upper

43 100

58 28.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

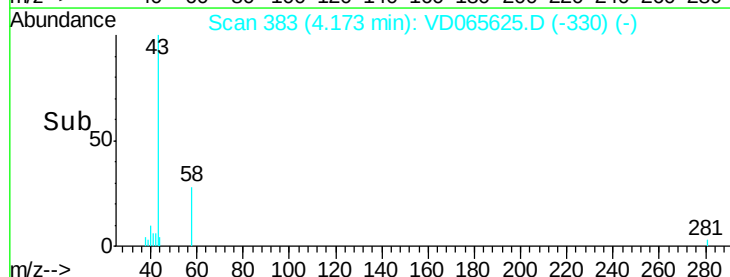
3000

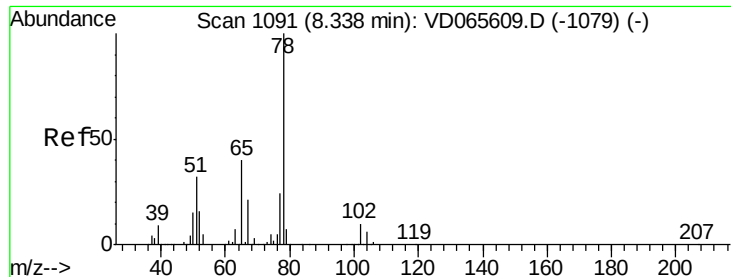
2000

1000

0

Time-->

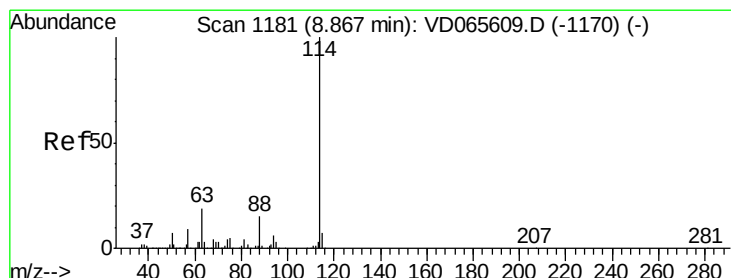
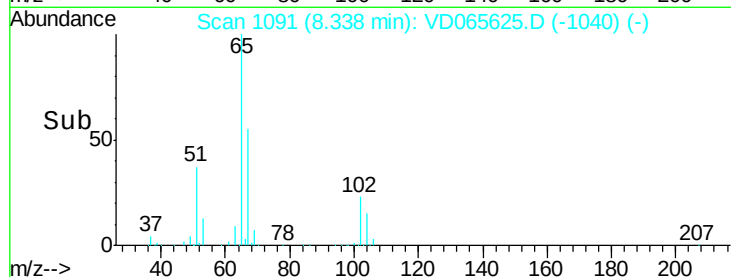
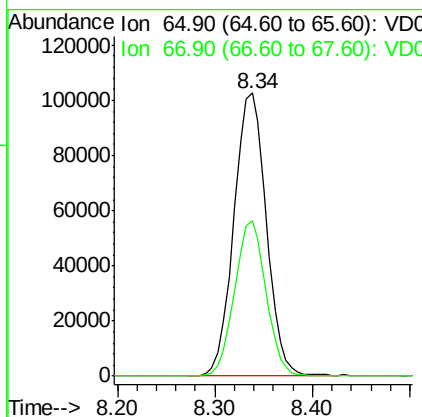
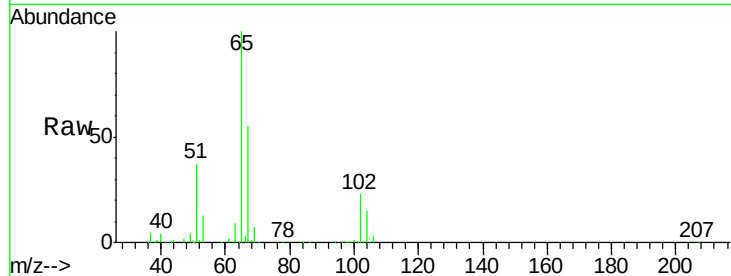




#33
 1,2-Dichloroethane-d4
 Concen: 65.602 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065625.D
 Acq: 13 Apr 2020 19:10

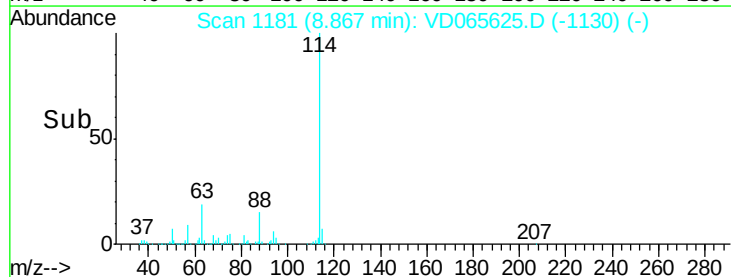
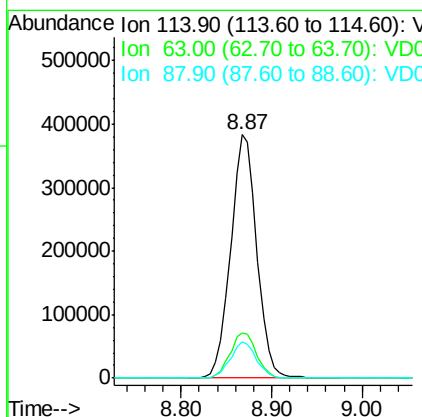
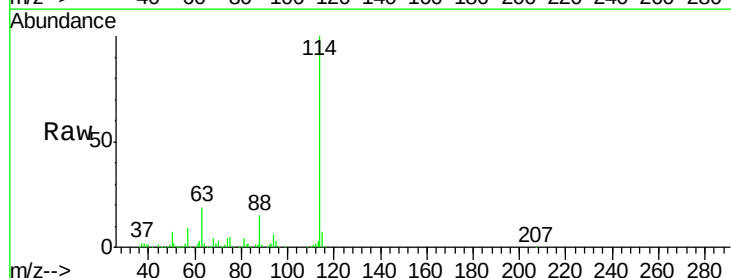
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

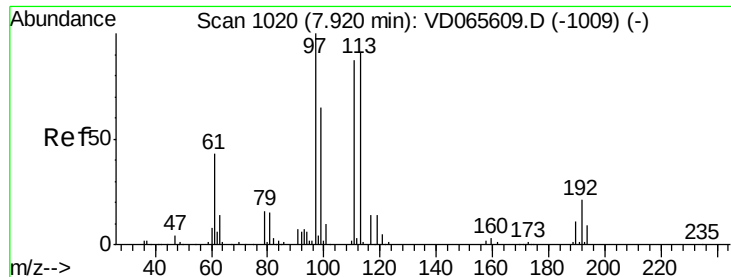
Tot Ion: 65 Resp: 237052
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065625.D
 Acq: 13 Apr 2020 19:10

Tgt Ion: 114 Resp: 768066
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.2
 88 14.7 0.0 29.6

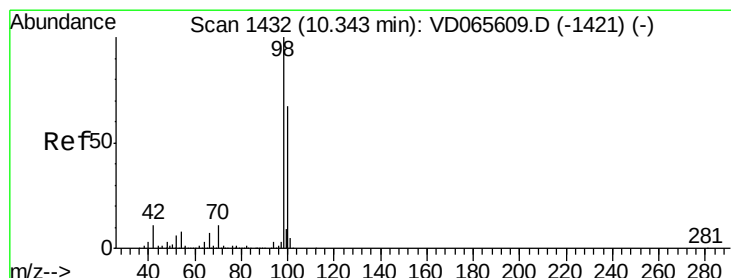
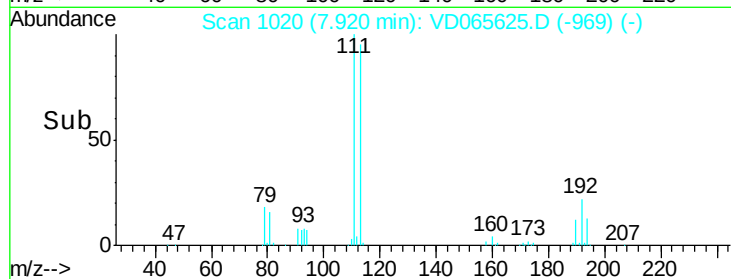
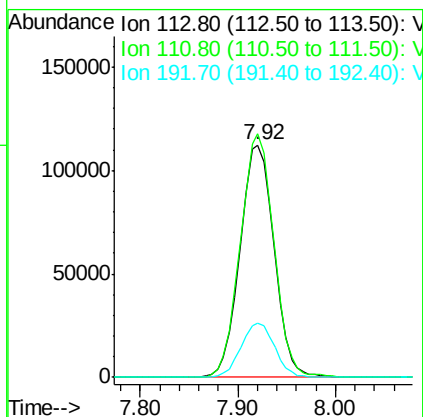
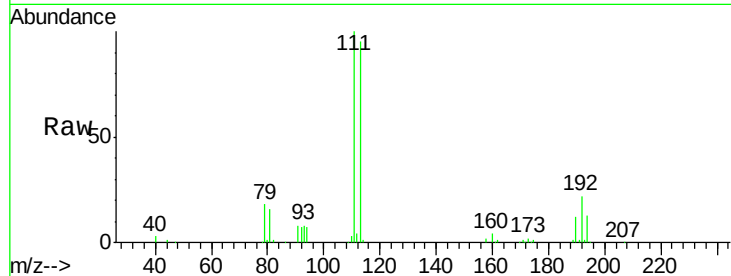




#35
 Dibromofluoromethane
 Concen: 50.918 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065625.D
 Acq: 13 Apr 2020 19:10

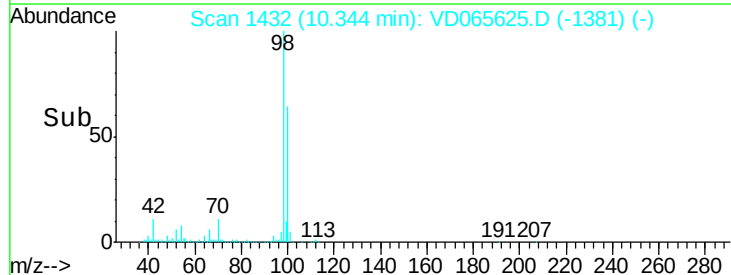
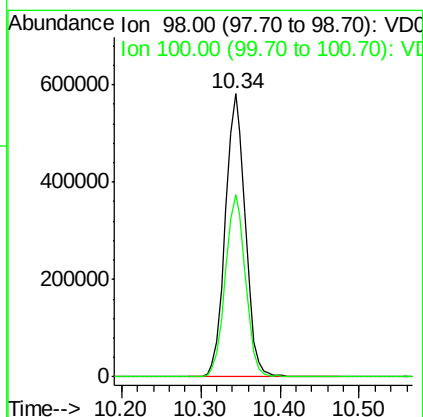
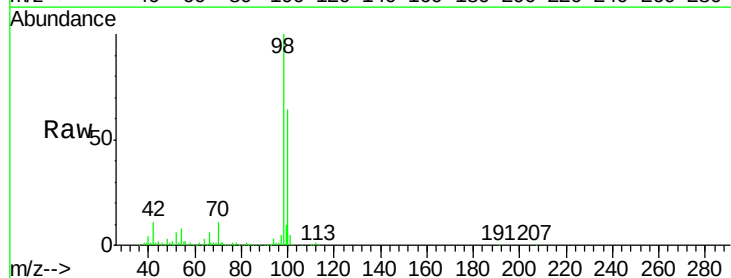
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

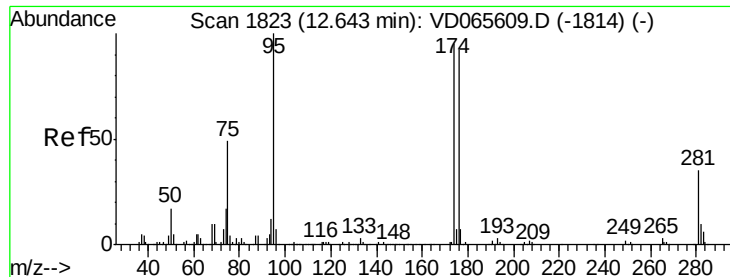
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.6	120.8
192	23.1	18.6	27.8



#50
 Toluene-d8
 Concen: 51.905 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065625.D
 Acq: 13 Apr 2020 19:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	79.0





#62

4-Bromofluorobenzene

Concen: 60.201 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065625.D

Acq: 13 Apr 2020 19:10

Instrument :

MSVOA_D

ClientSampleId :

TP-3

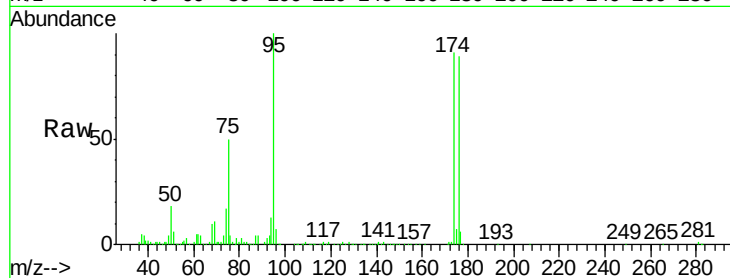
Tot Ion: 95 Resp: 379068

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.8

176 90.1 0.0 176.6



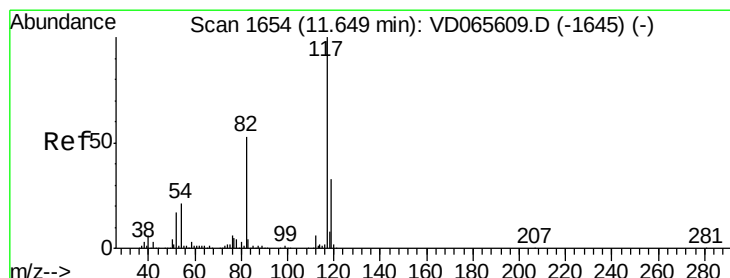
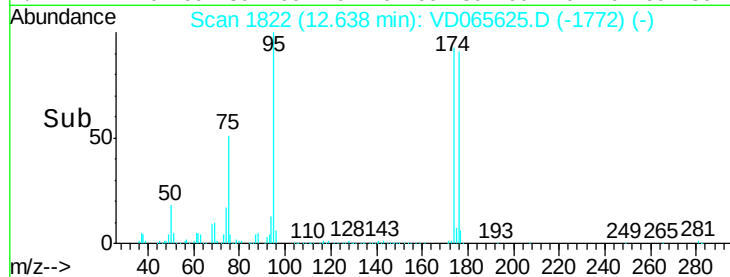
Abundance Ion 94.90 (94.60 to 95.60): VD

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065625.D

Acq: 13 Apr 2020 19:10

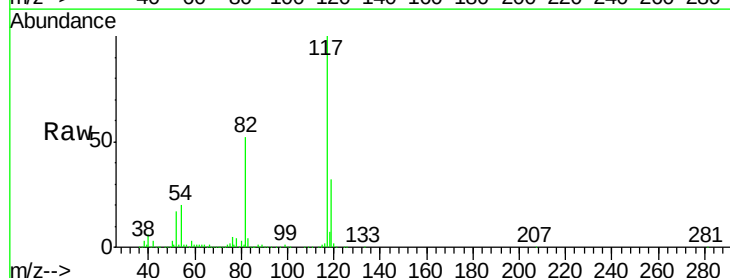
Tgt Ion: 117 Resp: 859373

Ion Ratio Lower Upper

117 100

82 51.7 42.6 64.0

119 32.3 26.7 40.1



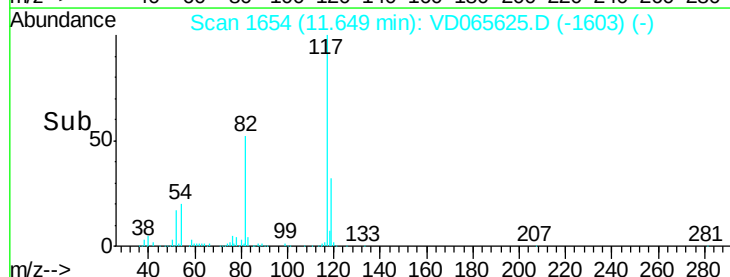
Abundance Ion 116.90 (116.60 to 117.60): V

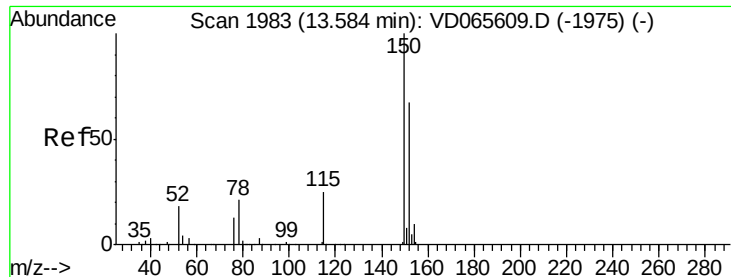
Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V

11.65

Time--> 11.60 11.70 11.80





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065625.D

Acq: 13 Apr 2020 19:10

Instrument :

MSVOA_D

ClientSampleId :

TP-3

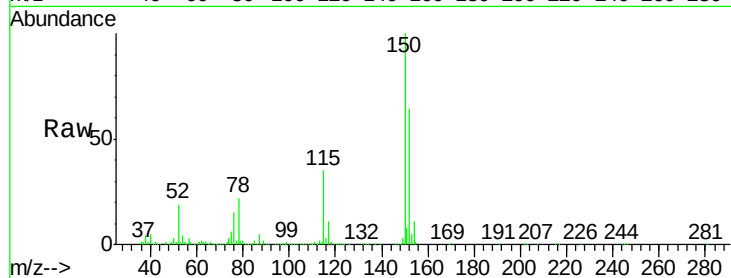
Tot Ion:152 Resp: 435419

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.2

150 155.7 0.0 348.2



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

