

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065741.D
 Acq On : 14 May 2020 14:28
 Operator : VA/SY
 Sample : L2646-02
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-S2

Quant Time: May 15 06:40:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

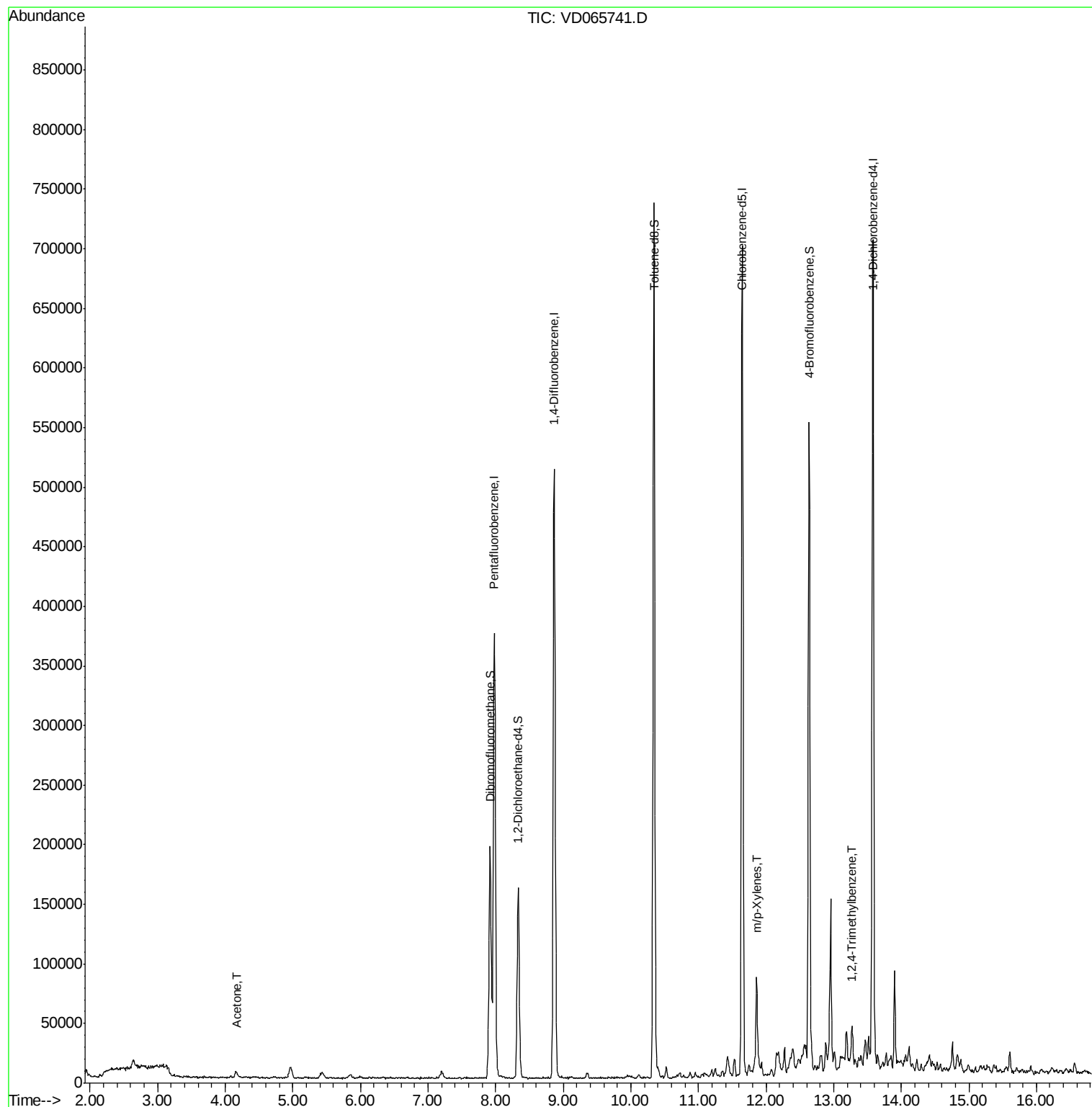
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	298441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	456152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	403469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	125878	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
35) Dibromofluoromethane	7.92	113	134064	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	10.34	98	500286	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.64	95	171396	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
Target Compounds						
16) Acetone	4.17	43	9610	19.481	ug/l	95
68) m/p-Xylenes	11.86	106	6084	1.175	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	18400	1.743	ug/l	99

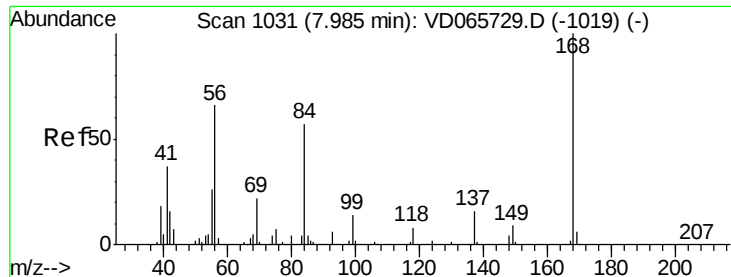
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065741.D

Acq: 14 May 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

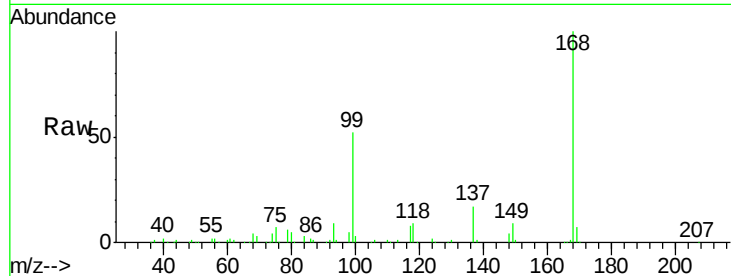
TP-B-S2

Tot Ion:168 Resp: 298441

Ion Ratio Lower Upper

168 100

99 52.1 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

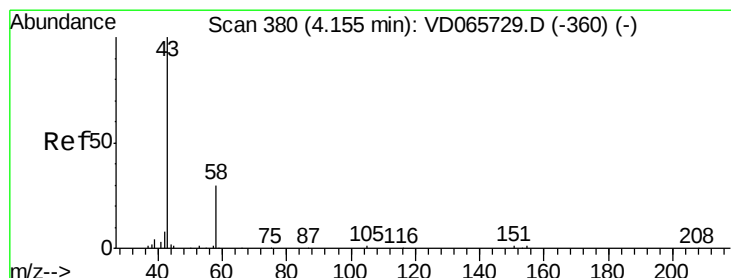
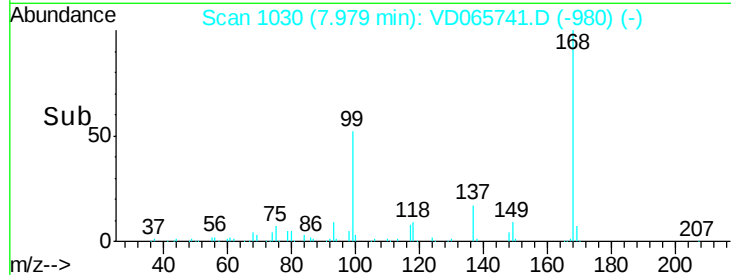
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.481 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065741.D

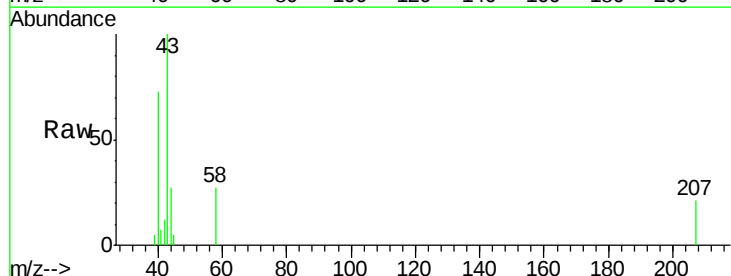
Acq: 14 May 2020 14:28

Tgt Ion: 43 Resp: 9610

Ion Ratio Lower Upper

43 100

58 27.0 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

4000

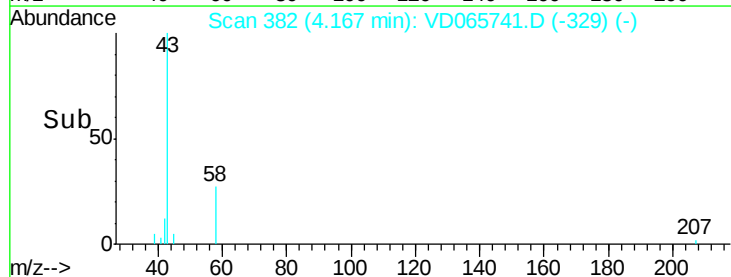
3000

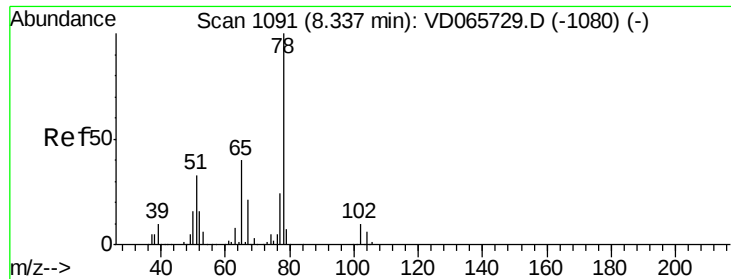
2000

1000

0

Time-->

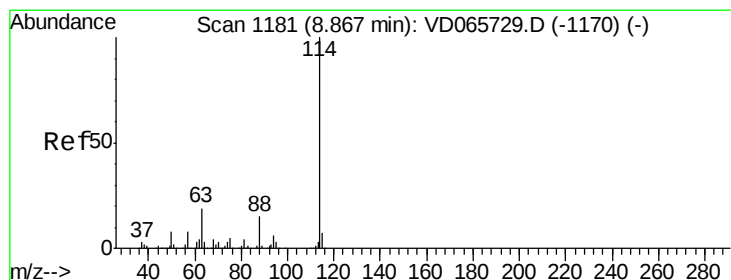
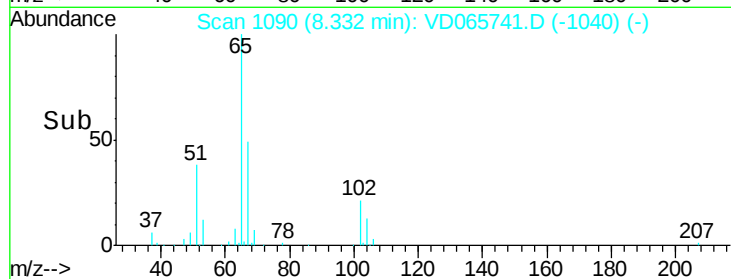
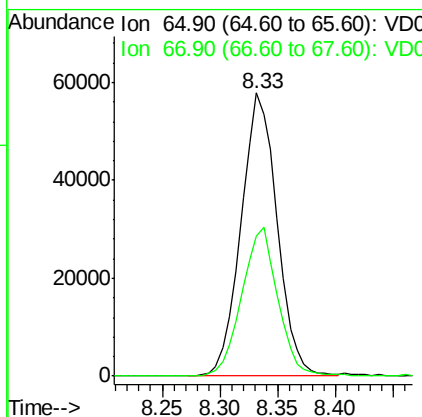
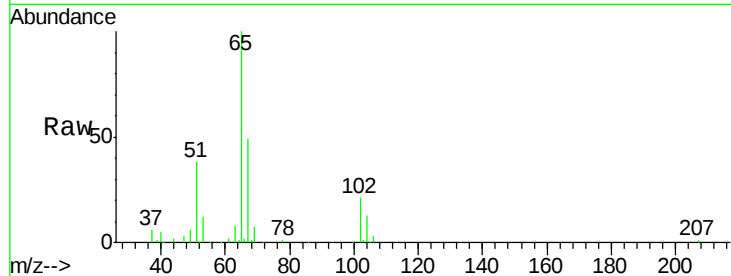




#33
 1,2-Dichloroethane-d4
 Concen: 52.340 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065741.D
 Acq: 14 May 2020 14:28

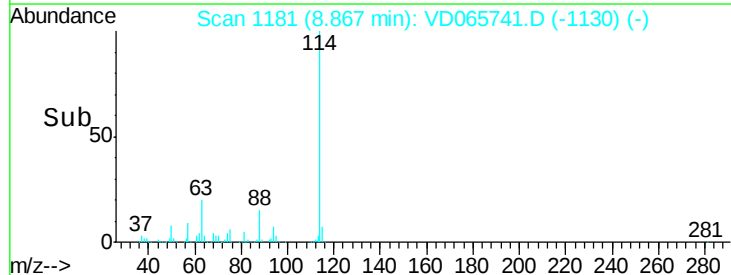
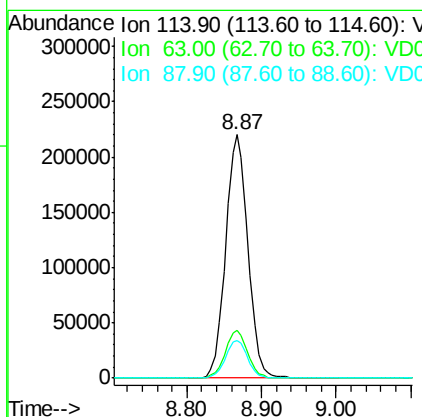
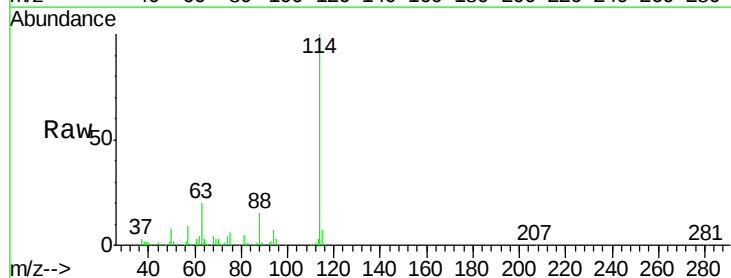
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-S2

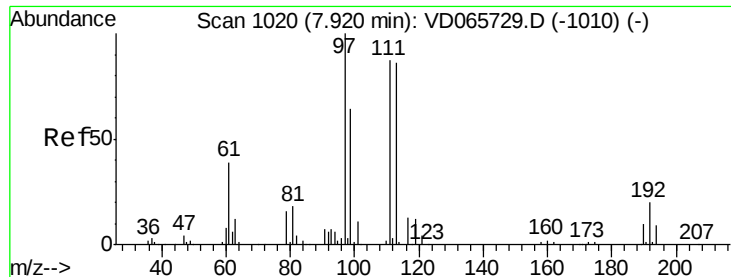
Tot Ion: 65 Resp: 125878
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065741.D
 Acq: 14 May 2020 14:28

Tgt Ion: 114 Resp: 456152
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.878 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065741.D

Acq: 14 May 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

TP-B-S2

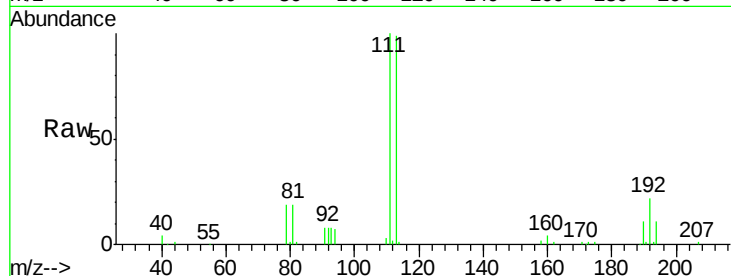
Tot Ion:113 Resp: 134064

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

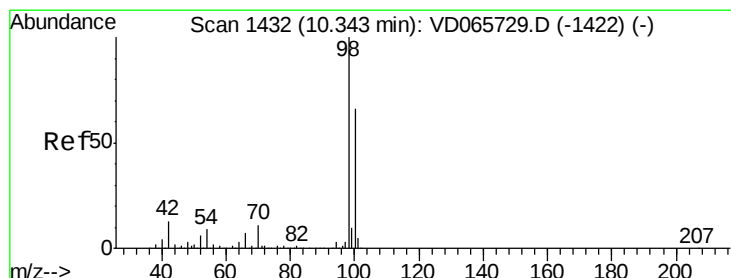
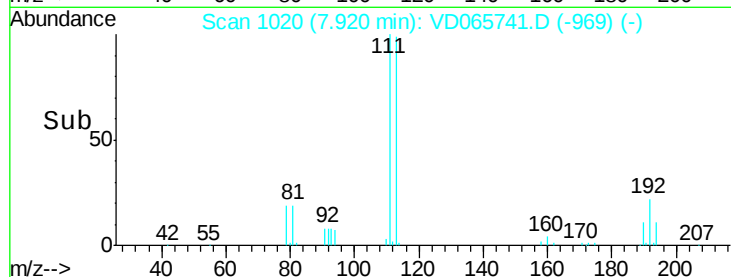
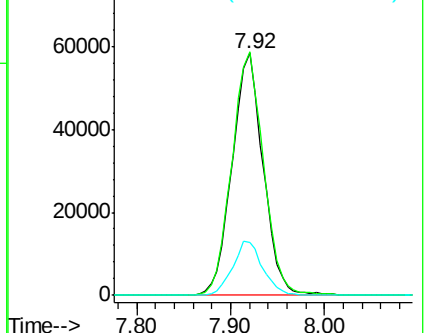
192 21.8 17.6 26.4



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: 50.850 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065741.D

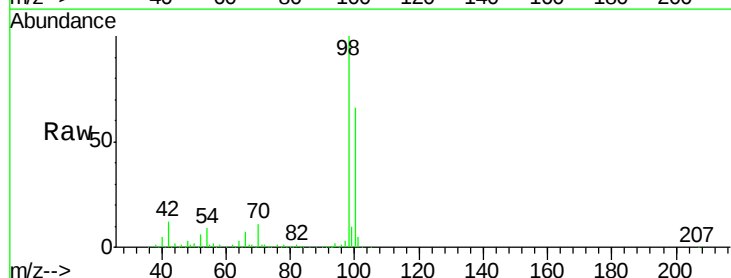
Acq: 14 May 2020 14:28

Tgt Ion: 98 Resp: 500286

Ion Ratio Lower Upper

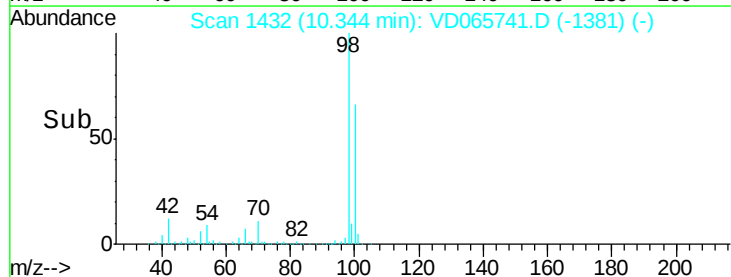
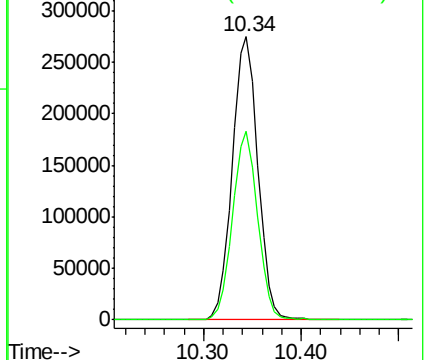
98 100

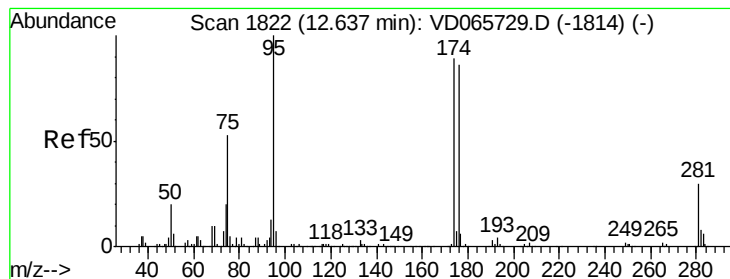
100 65.6 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.441 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065741.D

Acq: 14 May 2020 14:28

Instrument :

MSVOA_D

ClientSampleId :

TP-B-S2

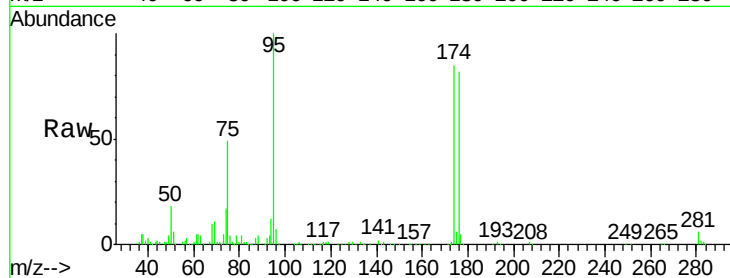
Tot Ion: 95 Resp: 171396

Ion Ratio Lower Upper

95 100

174 86.7 0.0 179.4

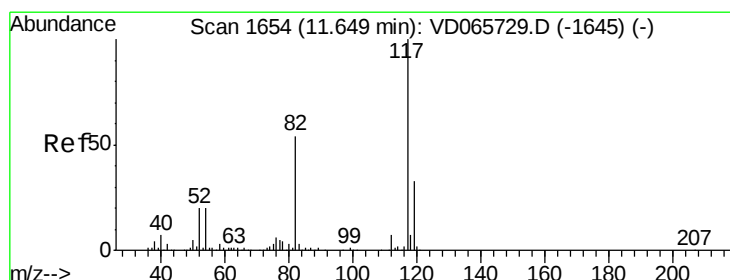
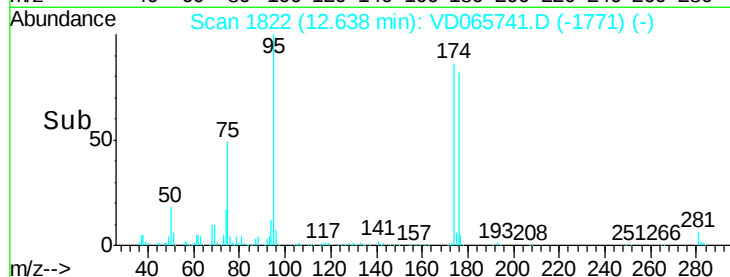
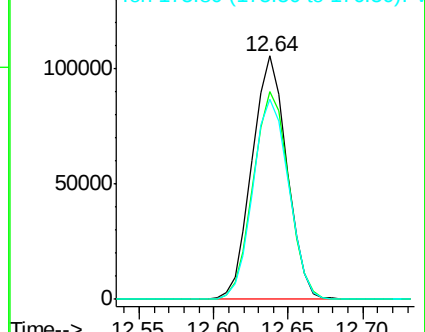
176 84.2 0.0 174.0



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: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065741.D

Acq: 14 May 2020 14:28

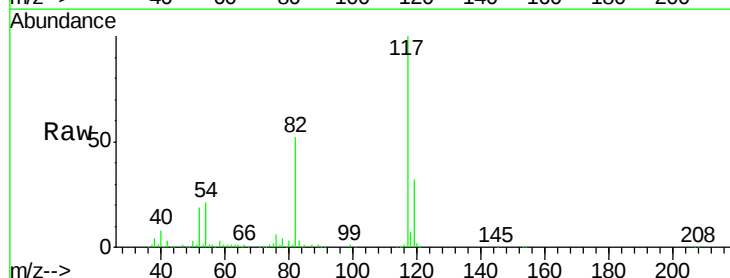
Tgt Ion: 117 Resp: 403469

Ion Ratio Lower Upper

117 100

82 52.1 43.0 64.6

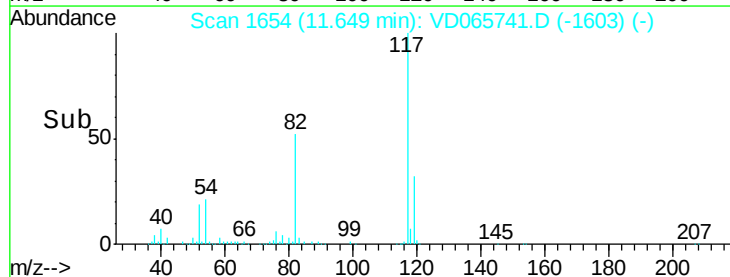
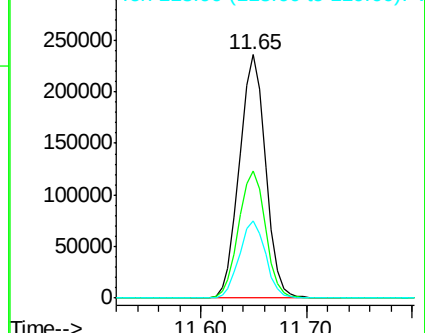
119 31.6 26.6 40.0

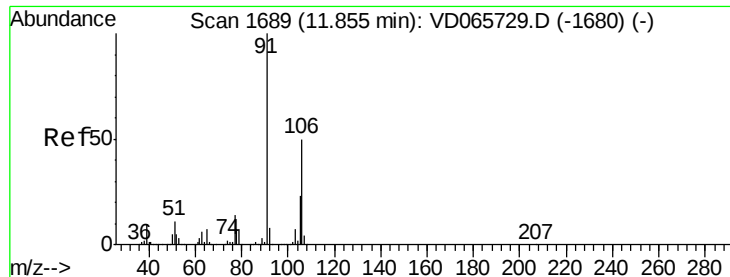


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

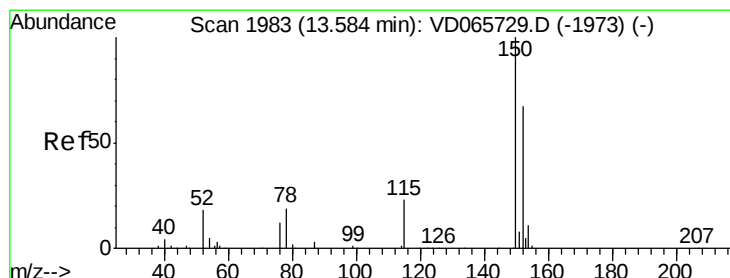
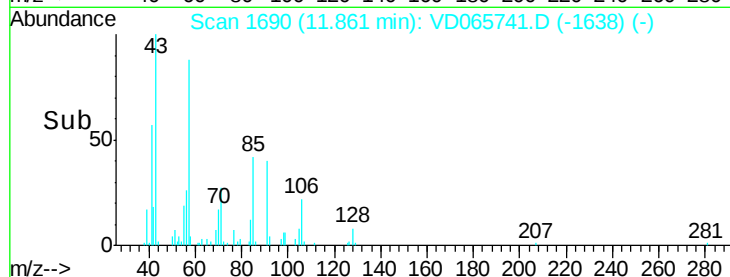
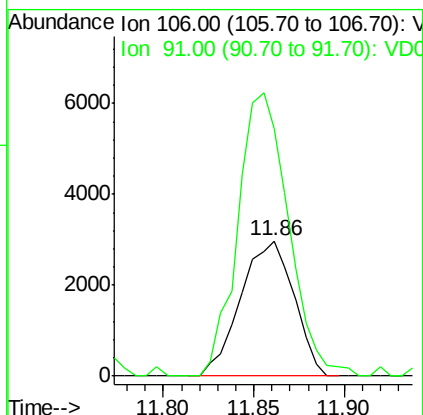
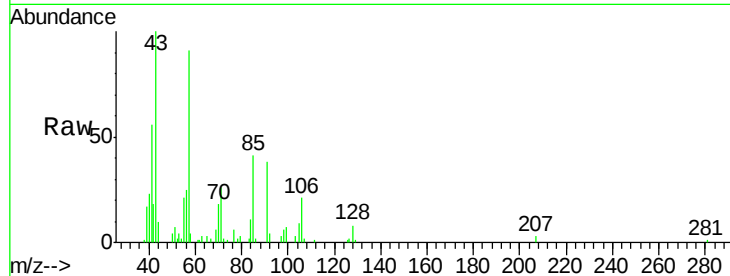




#68
m/p-Xvlenes
Concen: 1.175 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD065741.D
Acq: 14 May 2020 14:28

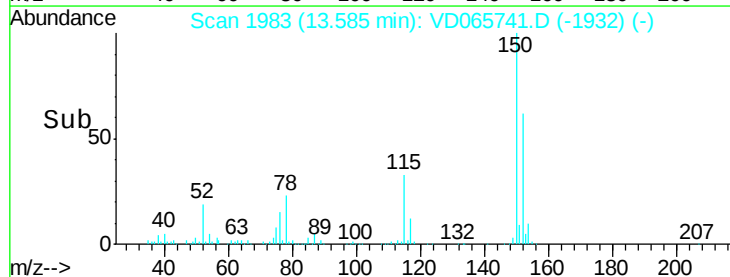
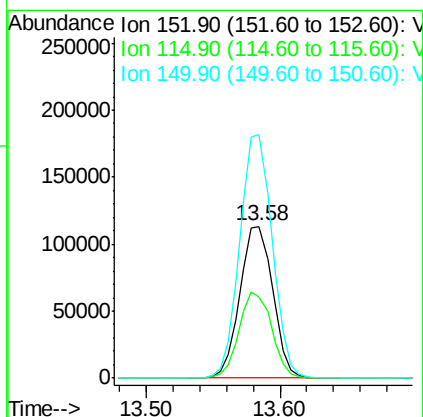
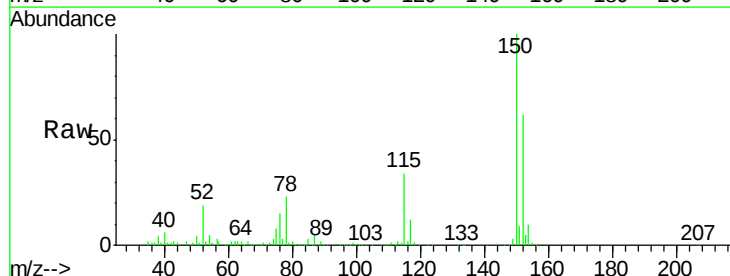
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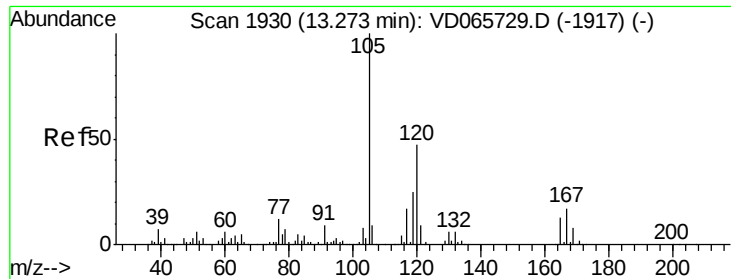
Tot Ion:106 Resp: 6084
Ion Ratio Lower Upper
106 100
91 199.8 158.7 238.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065741.D
Acq: 14 May 2020 14:28

Tgt Ion:152 Resp: 193459
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.3
150 158.2 0.0 343.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.743 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD065741.D
 Acq: 14 May 2020 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B-S2

Tot Ion:105 Resp: 18400
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.6 70.8

