

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067416.D
 Acq On : 27 Oct 2020 17:19
 Operator : VA/SY
 Sample : L4527-01
 Misc : 2.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26414-26215

Quant Time: Oct 28 01:31:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

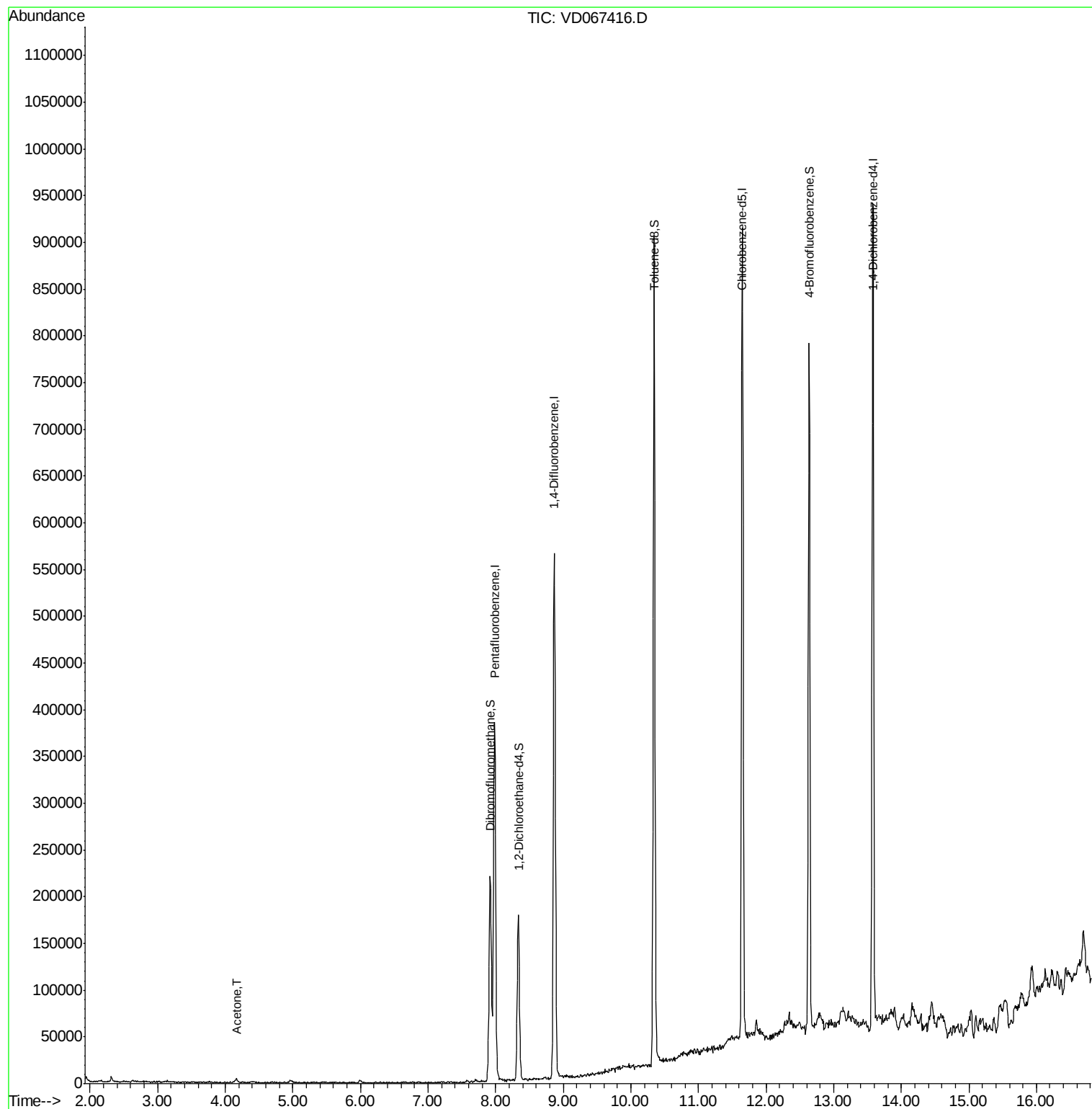
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	294641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	507207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	520393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	251638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	158571	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	7.92	113	161486	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.34	98	614401	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.64	95	242870	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
Target Compounds						
16) Acetone	4.17	43	6183	14.956	ug/l #	52

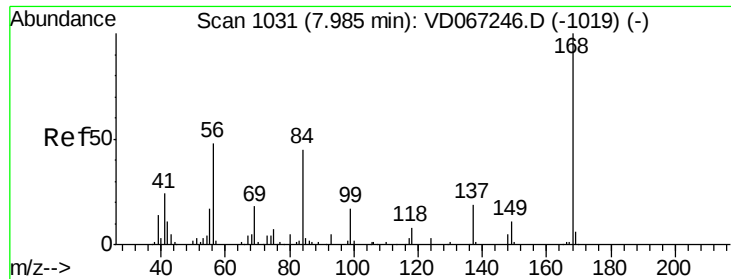
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067416.D

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ClientSampleId :

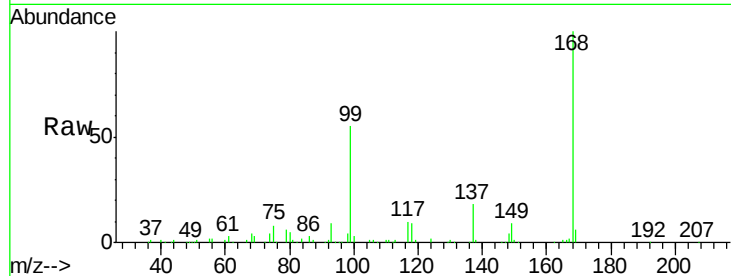
26414-26215

Tot Ion:168 Resp: 294641

Ion Ratio Lower Upper

168 100

99 55.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

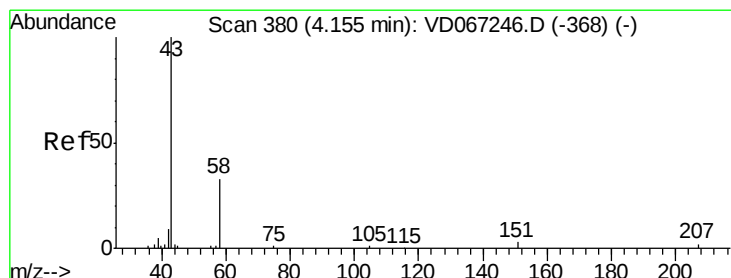
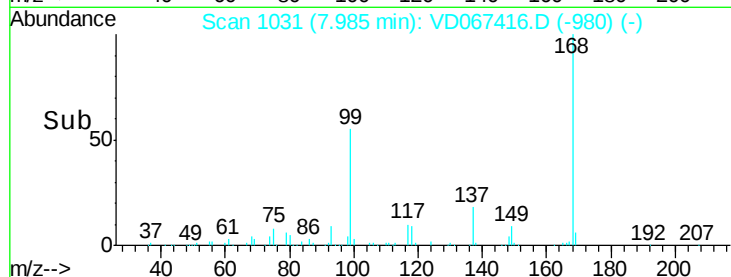
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.956 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067416.D

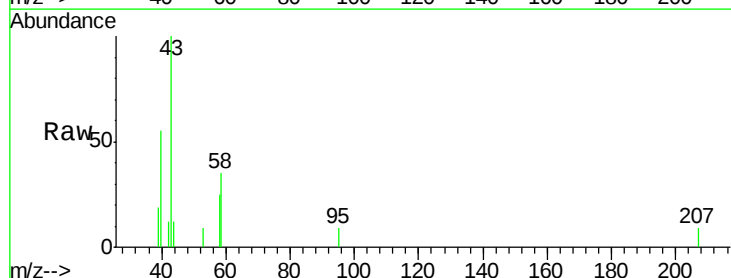
Acq: 27 Oct 2020 17:19

Tgt Ion: 43 Resp: 6183

Ion Ratio Lower Upper

43 100

58 59.6 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

2000

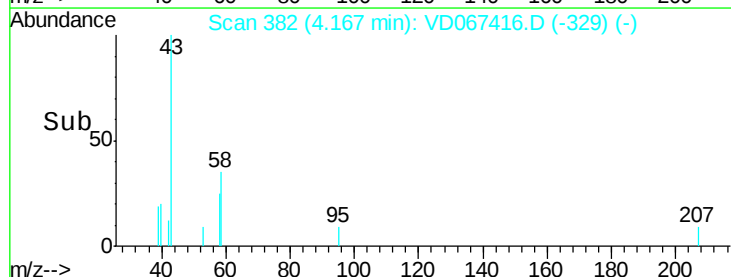
1500

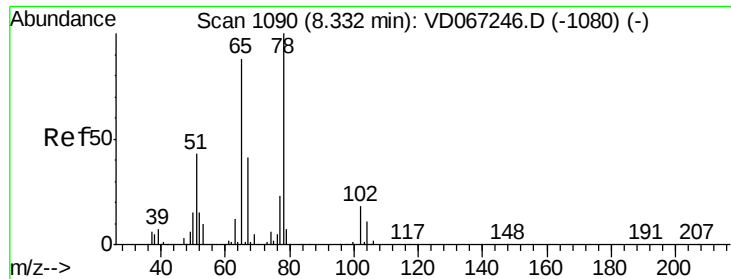
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.719 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067416.D

Acq: 27 Oct 2020 17:19

Instrument :

MSVOA_D

ClientSampleId :

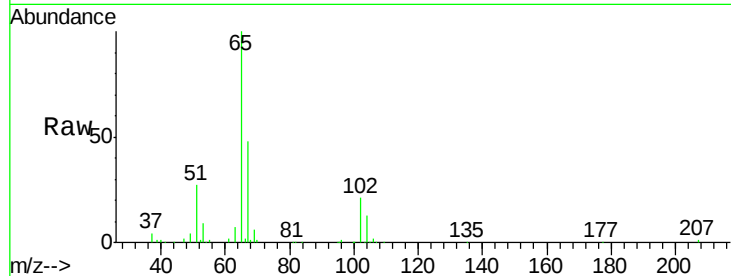
26414-26215

Tot Ion: 65 Resp: 158571

Ion Ratio Lower Upper

65 100

67 49.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

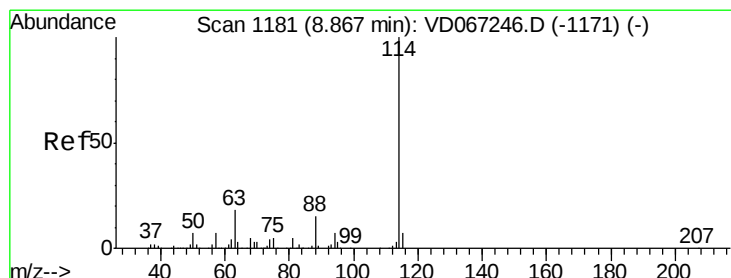
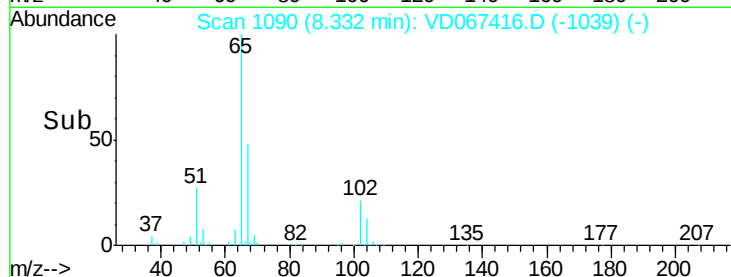
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067416.D

Acq: 27 Oct 2020 17:19

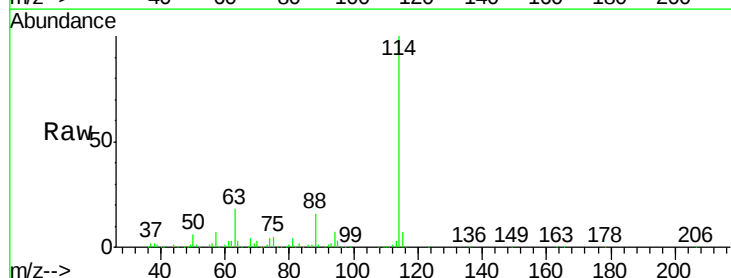
Tgt Ion: 114 Resp: 507207

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 15.6 0.0 30.6



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

8.87

300000

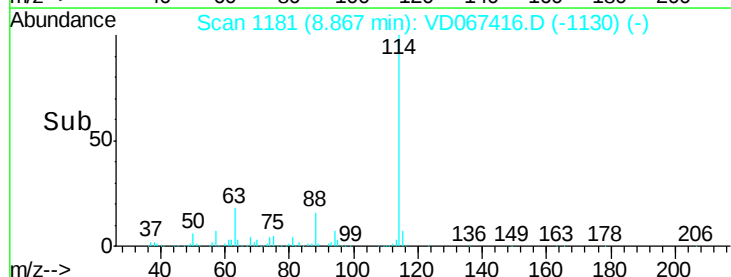
200000

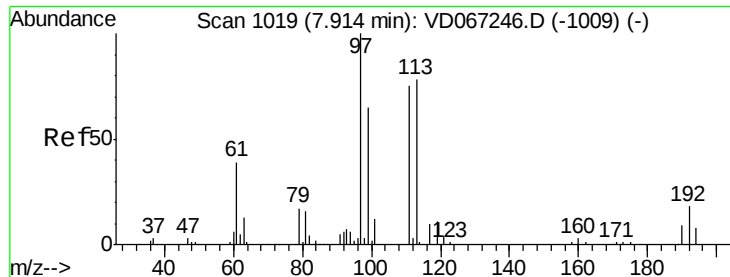
100000

0

8.80 8.90 9.00

Time-->

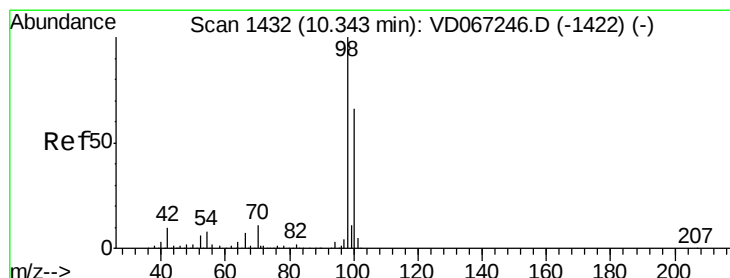
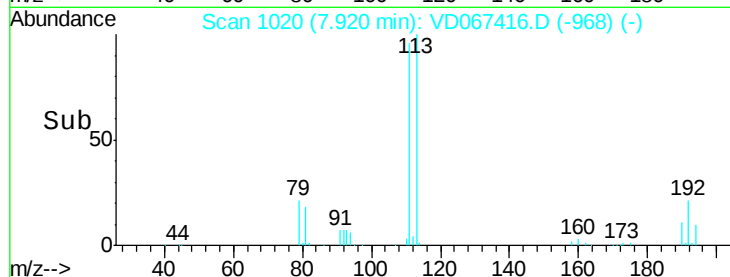
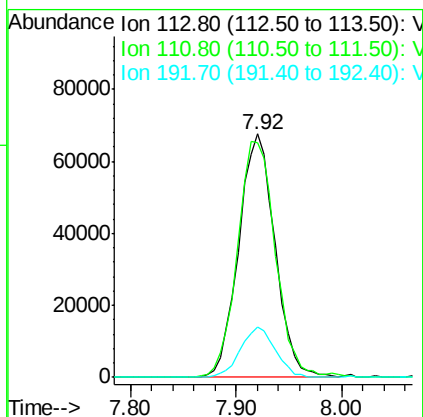
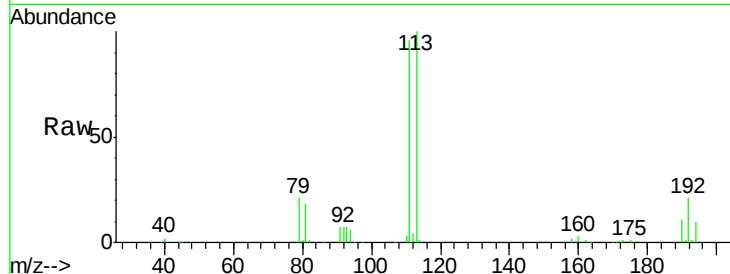




#35
 Dibromofluoromethane
 Concen: 47.841 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067416.D
 Acq: 27 Oct 2020 17:19

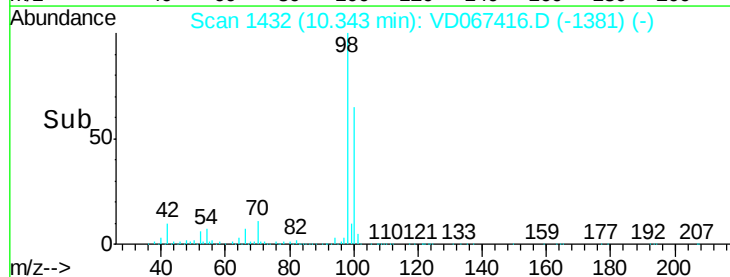
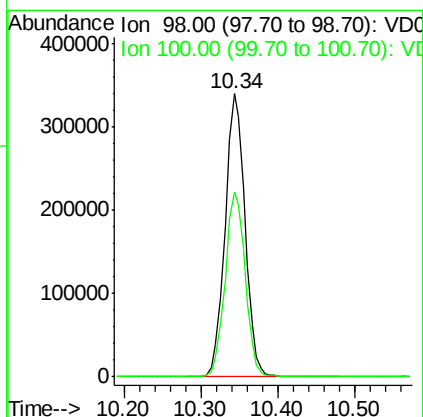
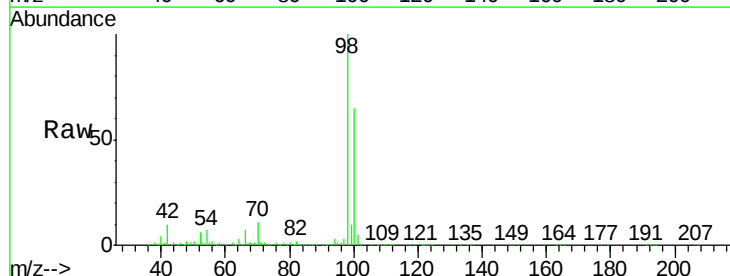
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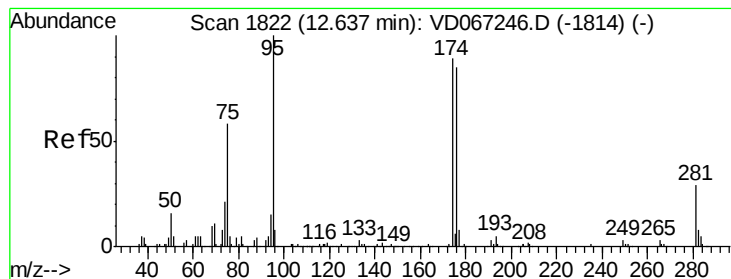
Tot Ion:113 Resp: 161486
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.6 122.4
 192 20.0 17.0 25.4



#50
 Toluene-d8
 Concen: 50.297 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067416.D
 Acq: 27 Oct 2020 17:19

Tgt Ion: 98 Resp: 614401
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 57.178 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067416.D

Acq: 27 Oct 2020 17:19

Instrument :

MSVOA_D

ClientSampleId :

26414-26215

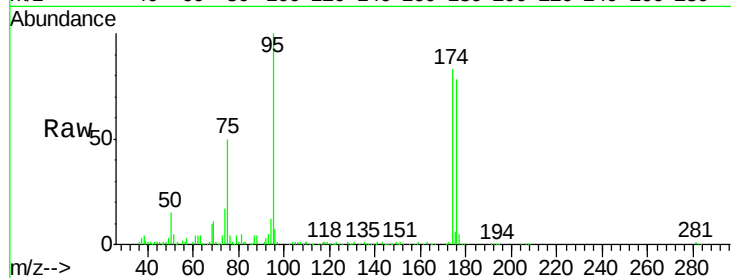
Tot Ion: 95 Resp: 242870

Ion Ratio Lower Upper

95 100

174 84.6 0.0 175.2

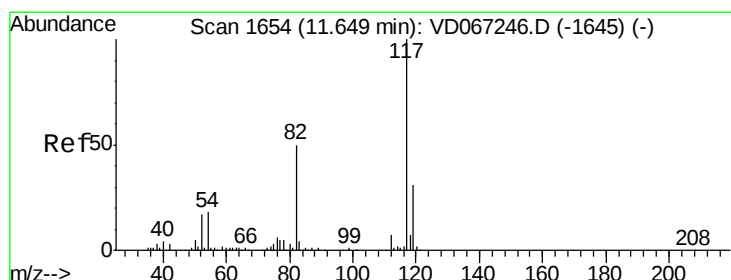
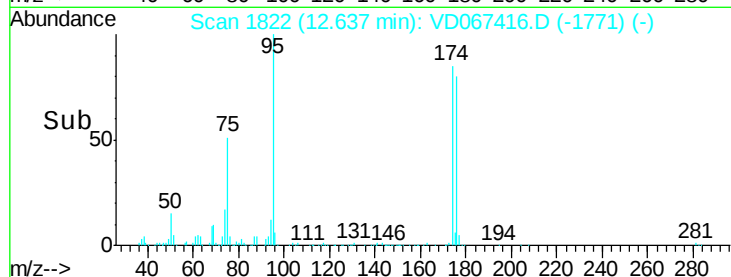
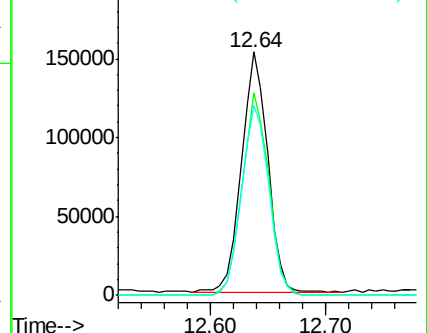
176 80.9 0.0 168.6



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: VD067416.D

Acq: 27 Oct 2020 17:19

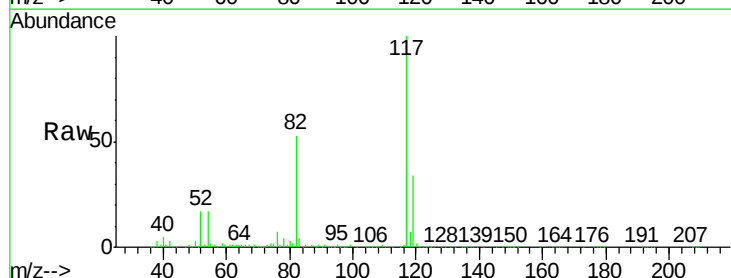
Tgt Ion: 117 Resp: 520393

Ion Ratio Lower Upper

117 100

82 52.4 39.9 59.9

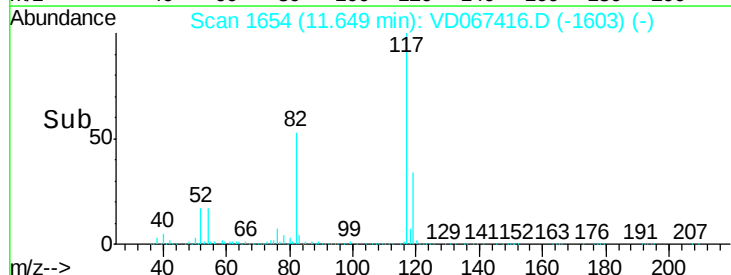
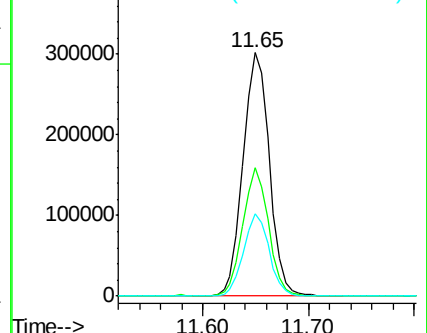
119 33.6 24.9 37.3

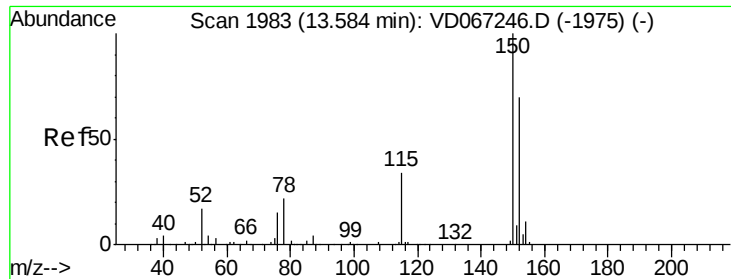


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.01 min

Lab File: VD067416.D

Acq: 27 Oct 2020 17:19

Instrument :

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ClientSampleId :

26414-26215

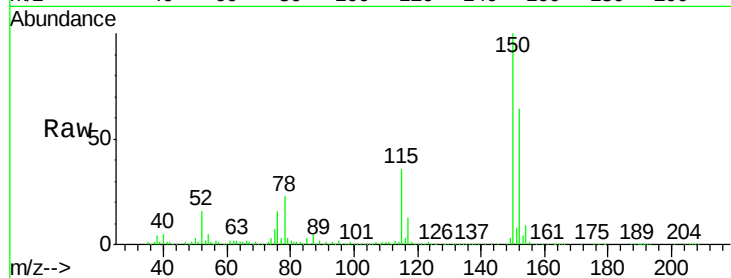
Tot Ion:152 Resp: 251638

Ion Ratio Lower Upper

152 100

115 59.1 29.3 87.9

150 156.1 0.0 339.0



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

