

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067436.D
 Acq On : 28 Oct 2020 16:29
 Operator : VA/SY
 Sample : L4547-01
 Misc : 7.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-032-IDWSO-20201027

Quant Time: Oct 29 01:16:07 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

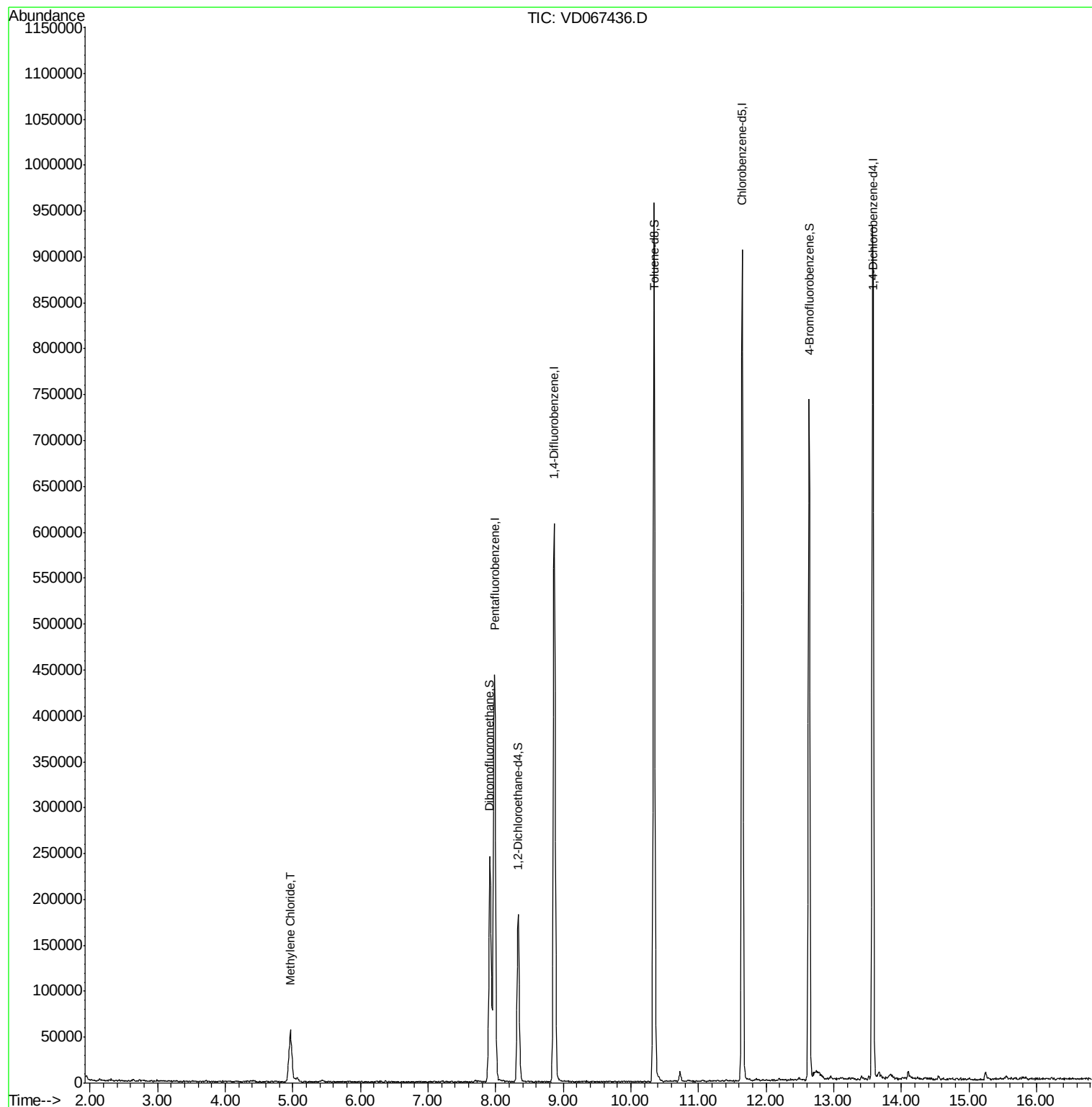
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	348056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	554447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	542914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	156581	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
35) Dibromofluoromethane	7.91	113	174709	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	10.34	98	659125	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.64	95	232329	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
Target Compounds						
20) Methylene Chloride	4.97	84	45869	11.178	ug/l	Qvalue 97

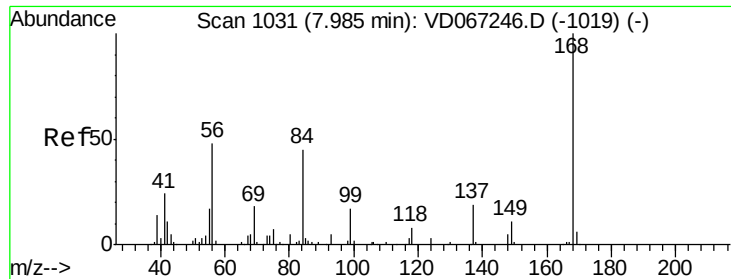
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067436.D

Acq: 28 Oct 2020 16:29

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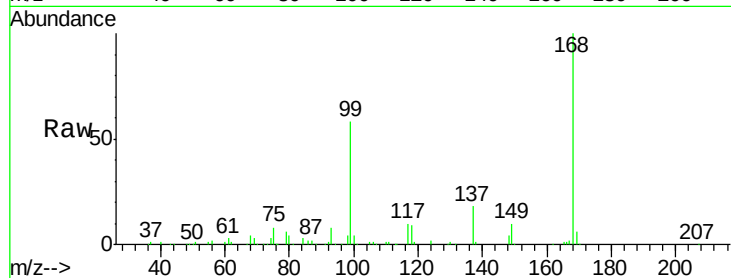
TT-032-IDWSO-20201027

Tot Ion:168 Resp: 348056

Ion Ratio Lower Upper

168 100

99 58.0 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

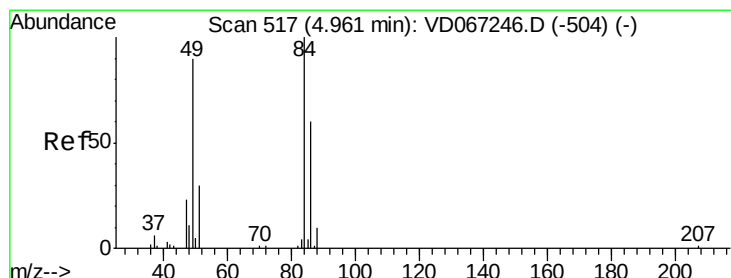
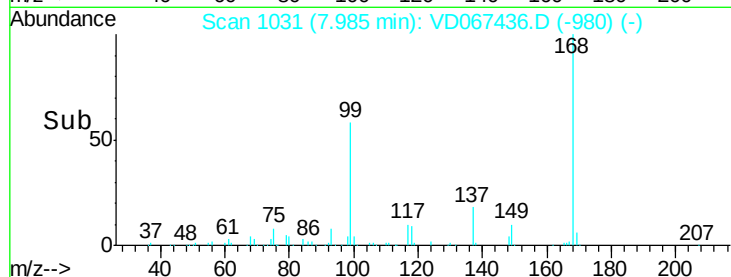
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 11.178 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067436.D

Acq: 28 Oct 2020 16:29

Tgt Ion: 84 Resp: 45869

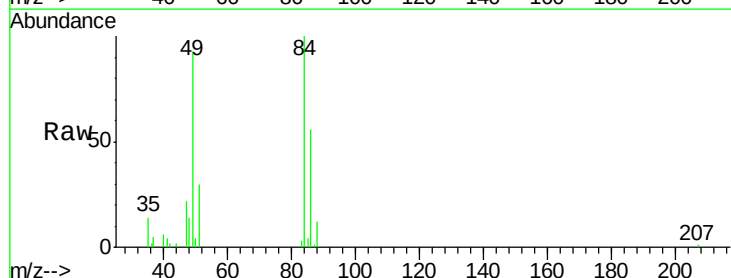
Ion Ratio Lower Upper

84 100

49 93.0 72.2 108.2

51 29.5 23.8 35.8

86 56.0 48.2 72.4



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

20000

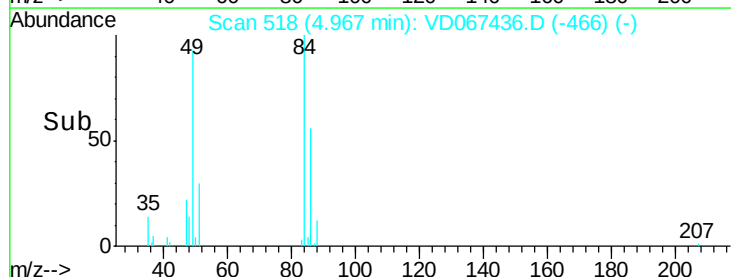
15000

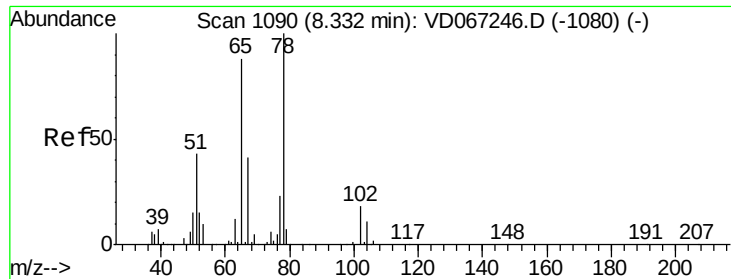
10000

5000

0

Time-->

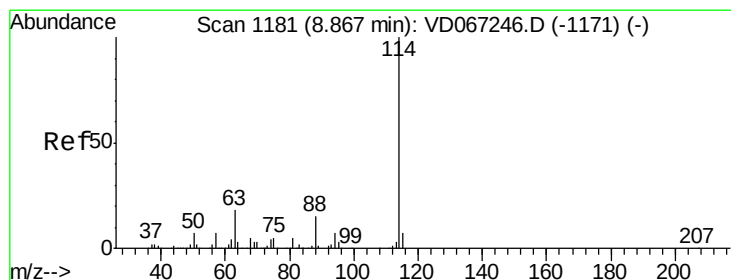
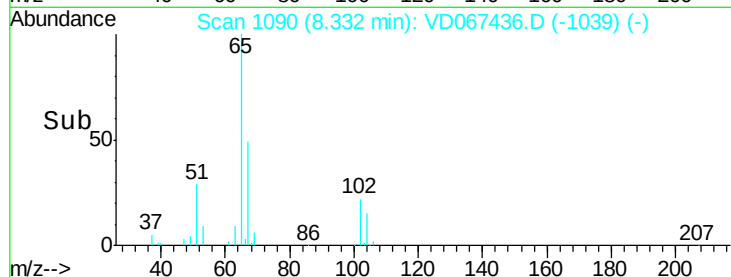
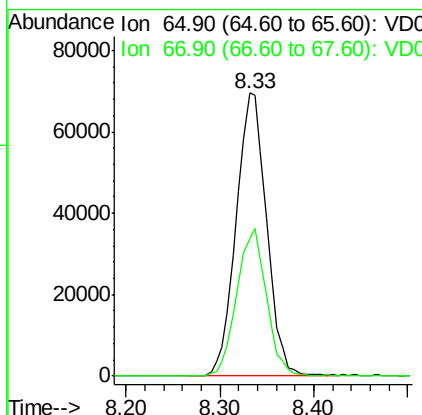
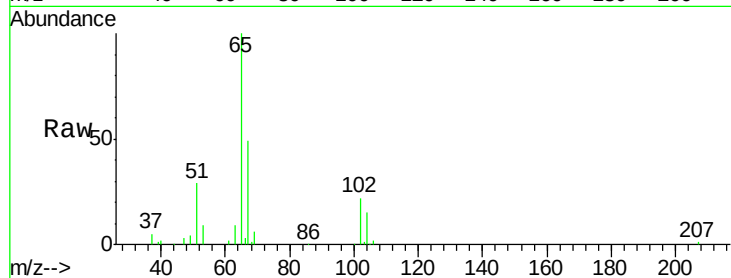




#33
 1,2-Dichloroethane-d4
 Concen: 44.904 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067436.D
 Acq: 28 Oct 2020 16:29

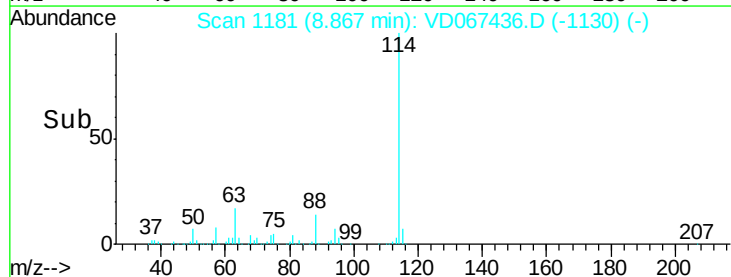
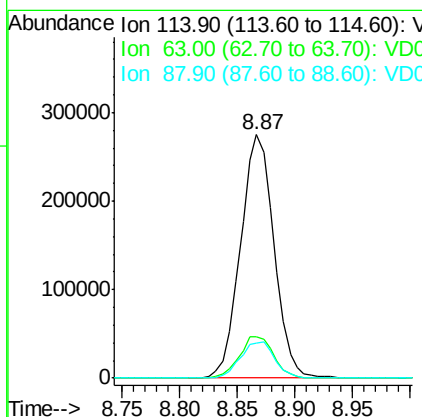
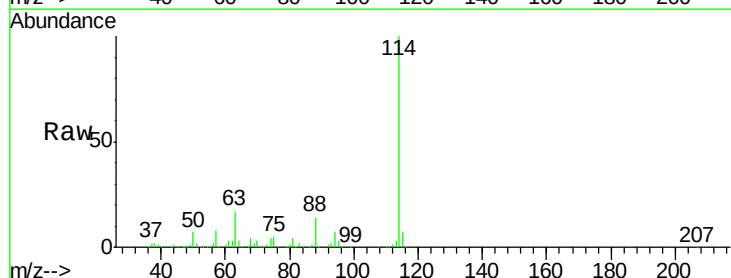
Instrument :
 MSVOA_D
 ClientSampleId :
 TT-032-IDWSO-20201027

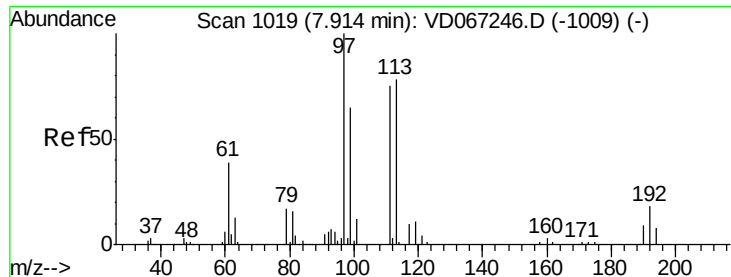
Tot Ion: 65 Resp: 156581
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067436.D
 Acq: 28 Oct 2020 16:29

Tgt Ion: 114 Resp: 554447
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 14.3 0.0 30.6

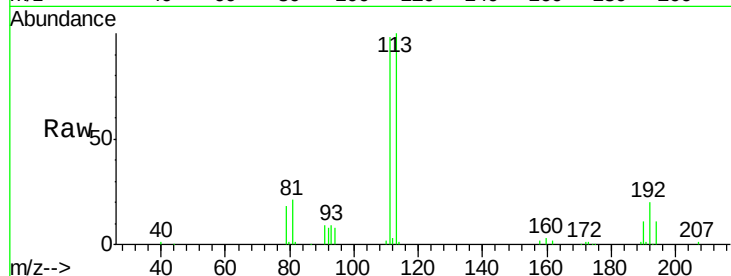




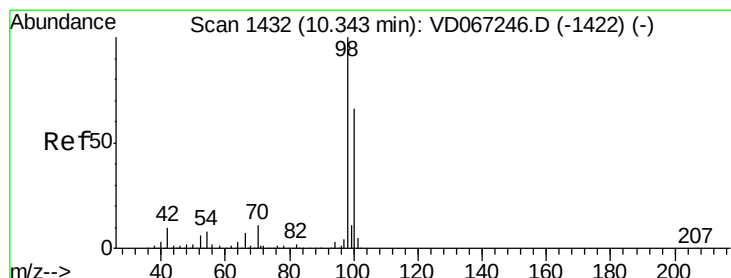
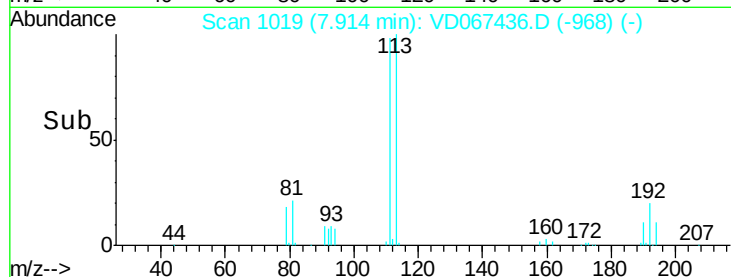
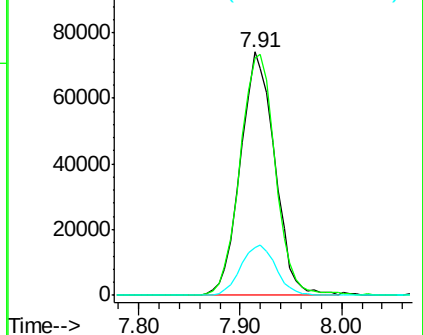
#35
 Dibromofluoromethane
 Concen: 47.349 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067436.D
 Acq: 28 Oct 2020 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-032-IDWSO-20201027

Tot Ion:113 Resp: 174709
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.6 122.4
 192 21.1 17.0 25.4

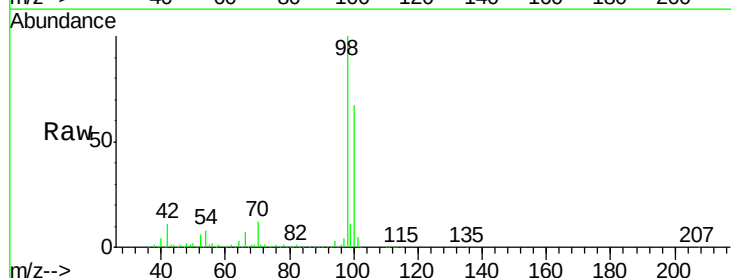


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

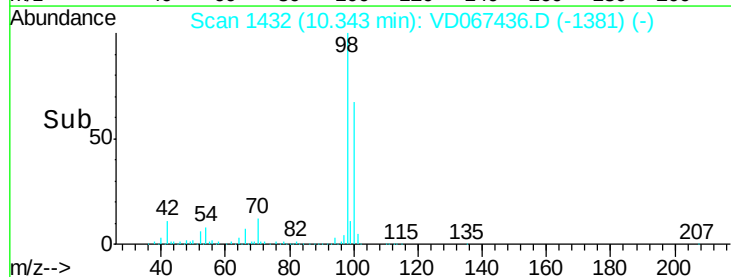
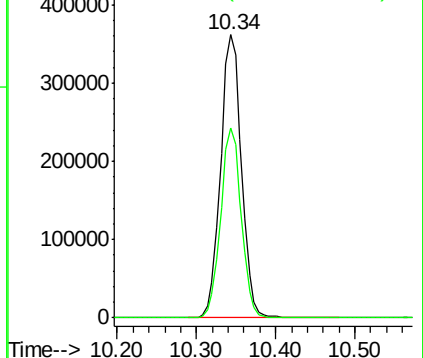


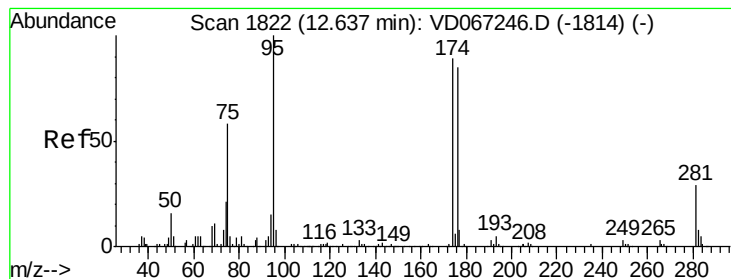
#50
 Toluene-d8
 Concen: 49.361 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067436.D
 Acq: 28 Oct 2020 16:29

Tgt Ion: 98 Resp: 659125
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 50.036 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067436.D

Acq: 28 Oct 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

TT-032-IDWSO-20201027

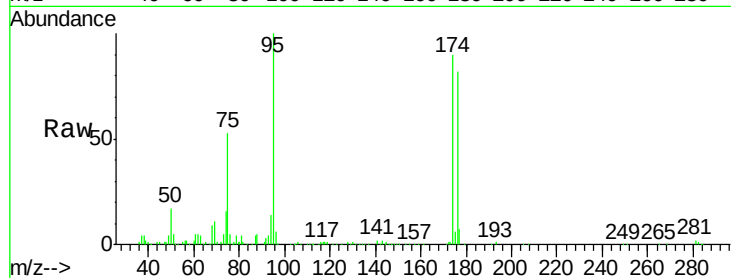
Tot Ion: 95 Resp: 232329

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.2

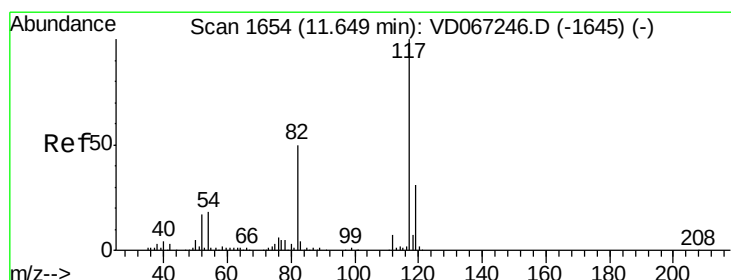
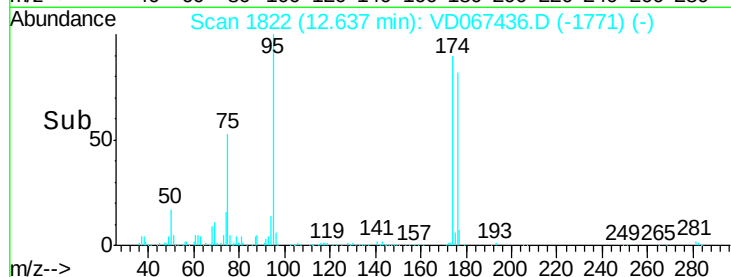
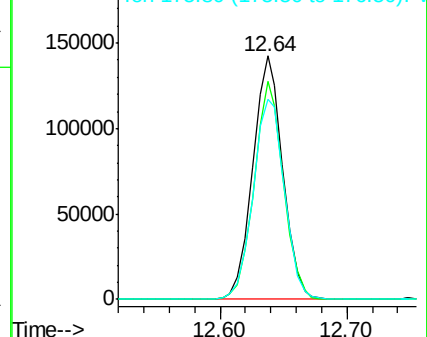
176 86.2 0.0 168.6



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: VD067436.D

Acq: 28 Oct 2020 16:29

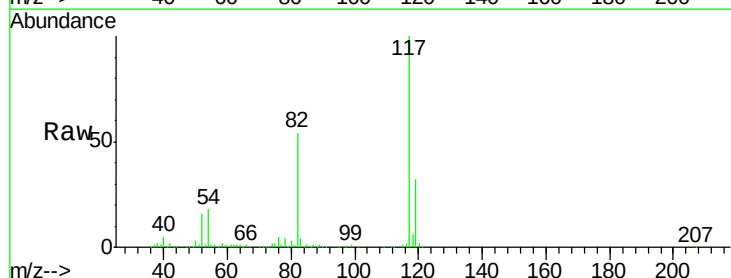
Tgt Ion: 117 Resp: 542914

Ion Ratio Lower Upper

117 100

82 53.8 39.9 59.9

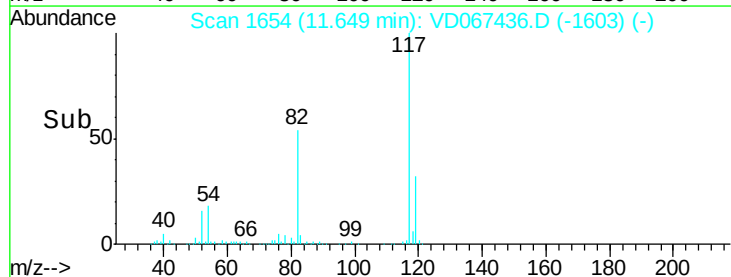
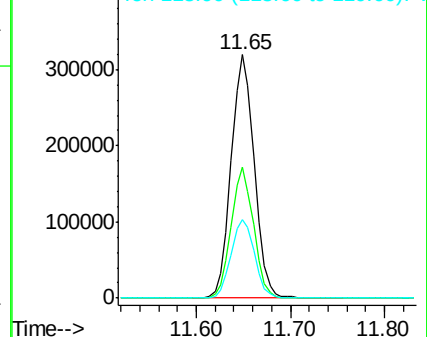
119 32.4 24.9 37.3

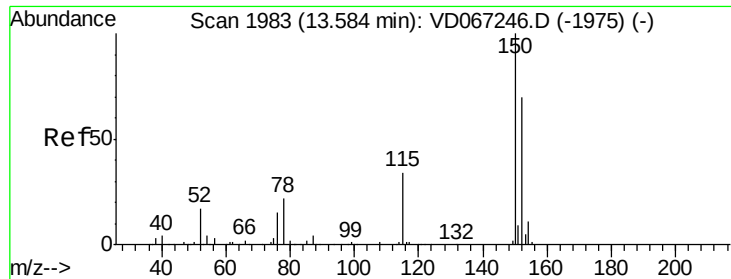


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067436.D

Acq: 28 Oct 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

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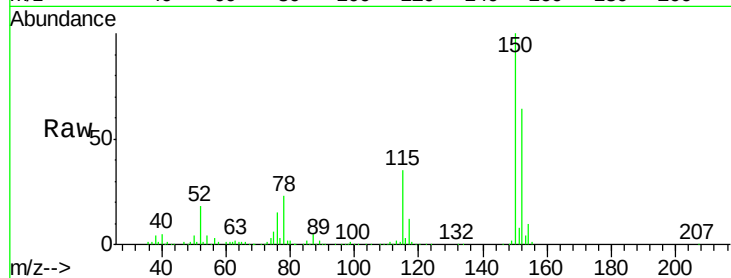
Tot Ion:152 Resp: 264648

Ion Ratio Lower Upper

152 100

115 58.2 29.3 87.9

150 156.8 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

