

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064034.D
 Acq On : 23 Oct 2019 21:30
 Operator : VA/SY
 Sample : K5501-04
 Misc : 7.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 187-30-(2)

Quant Time: Oct 24 07:03:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

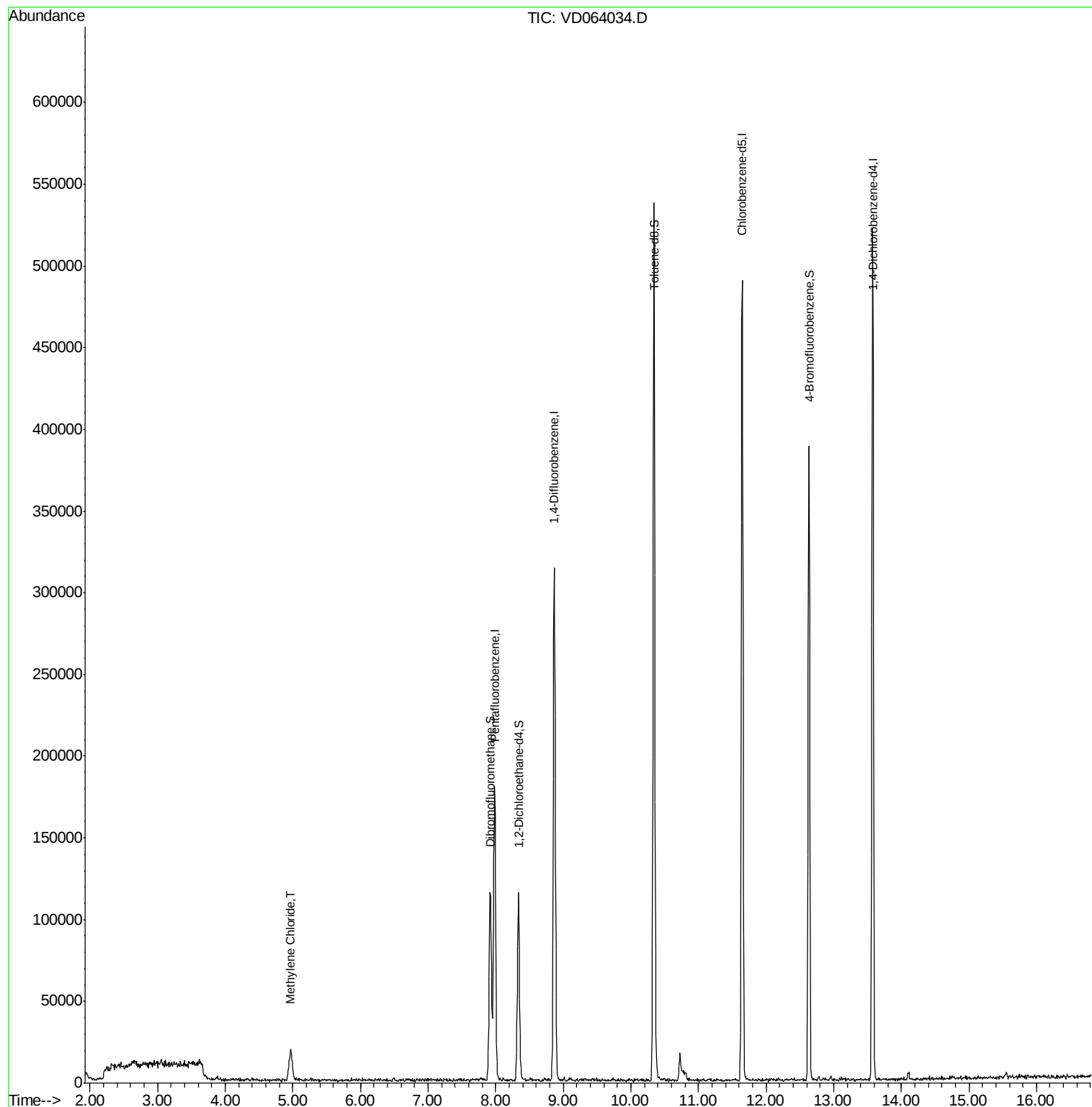
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	131418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	259123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	276056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	81909	64.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.04%	
35) Dibromofluoromethane	7.92	113	78923	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.34	98	364816	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
62) 4-Bromofluorobenzene	12.64	95	104490	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
Target Compounds						
20) Methylene Chloride	4.96	84	15008	7.602	ug/l	Qvalue 95

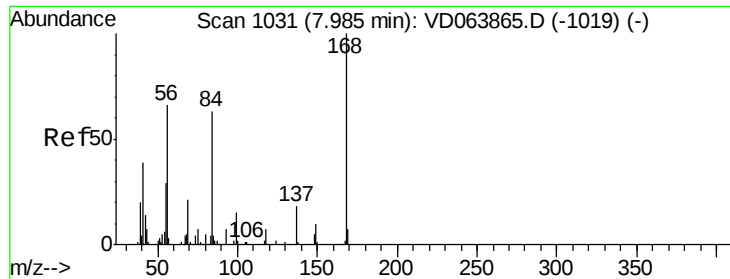
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064034.D

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MSVOA_D

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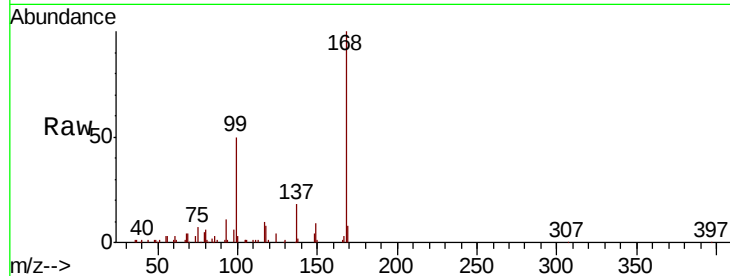
187-30-(2)

Tot Ion:168 Resp: 131418

Ion Ratio Lower Upper

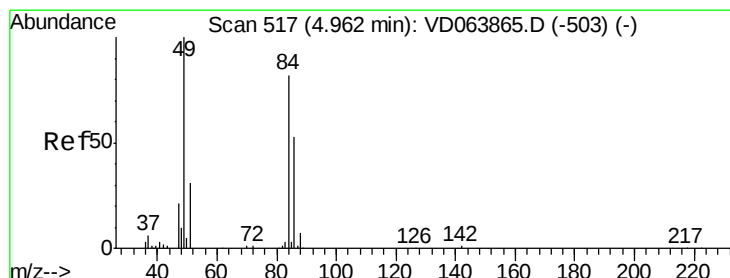
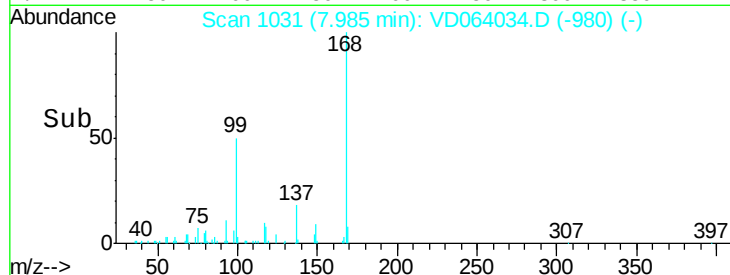
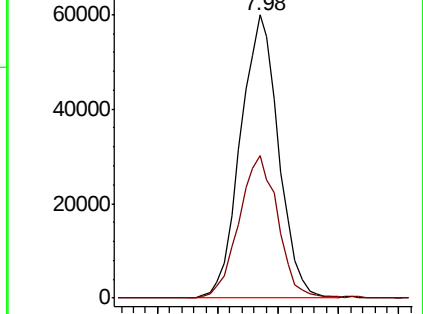
168 100

99 50.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 7.602 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD064034.D

Acq: 23 Oct 2019 21:30

Tgt Ion: 84 Resp: 15008

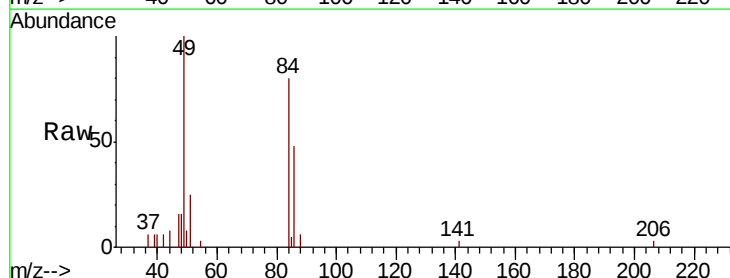
Ion Ratio Lower Upper

84 100

49 125.3 97.3 145.9

51 31.7 30.1 45.1

86 60.5 51.4 77.2

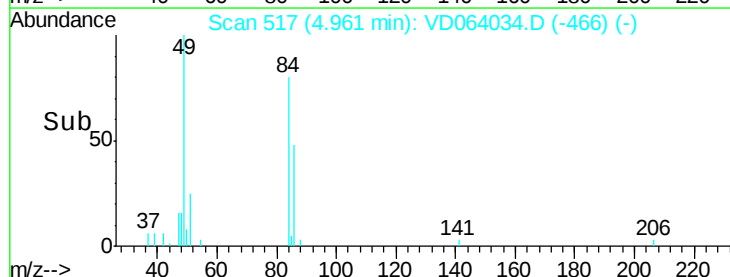
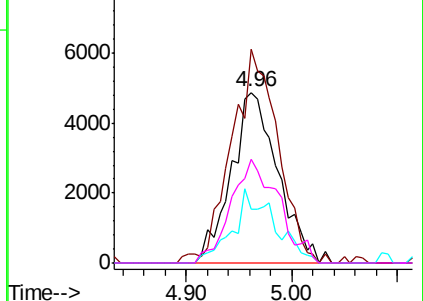


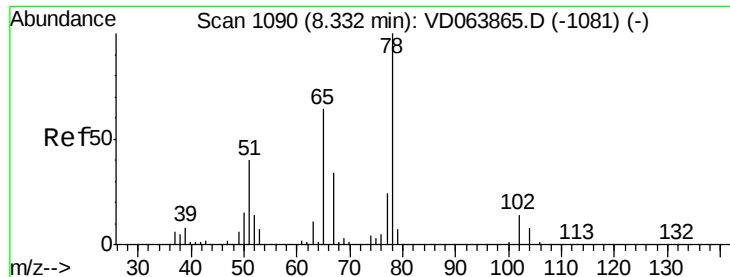
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

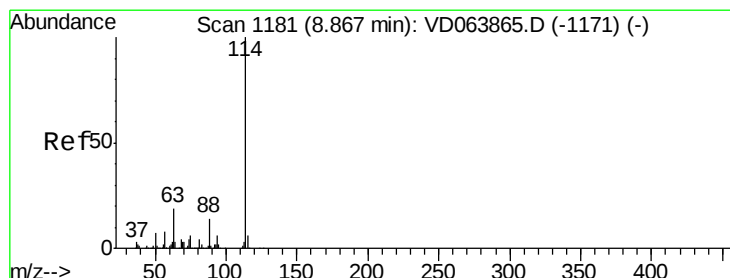
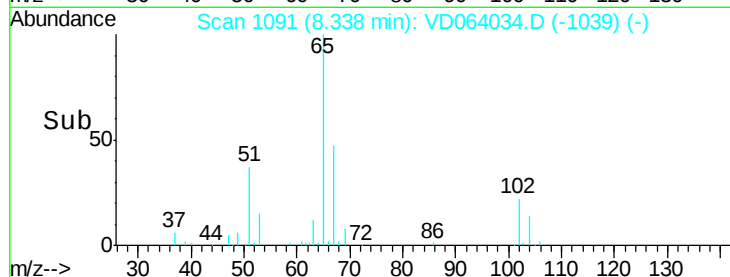
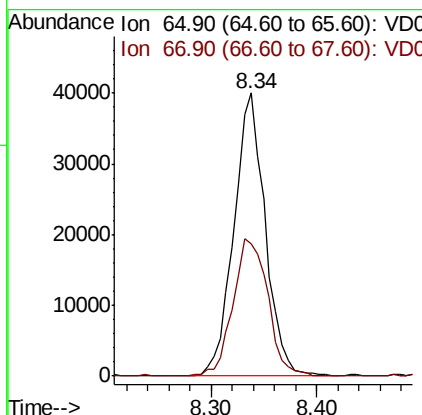
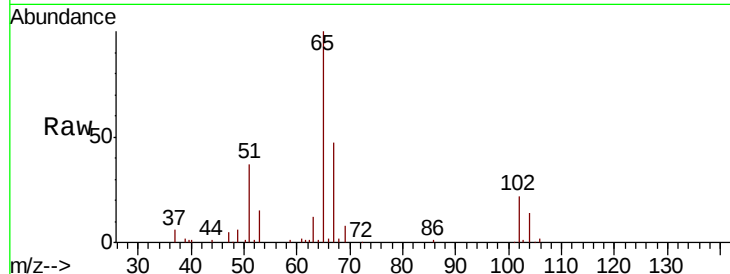




#33
 1,2-Dichloroethane-d4
 Concen: 64.019 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064034.D
 Acq: 23 Oct 2019 21:30

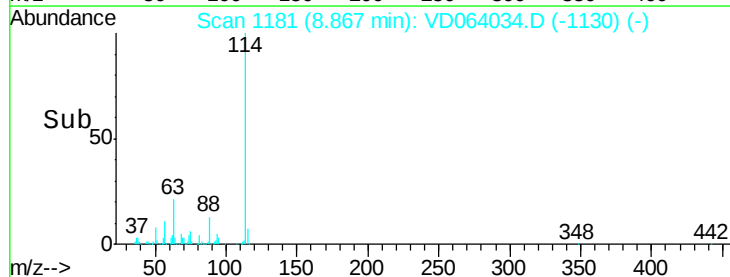
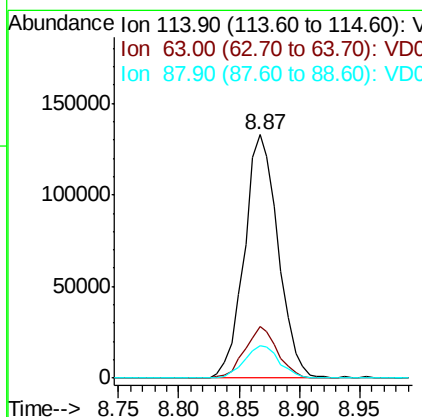
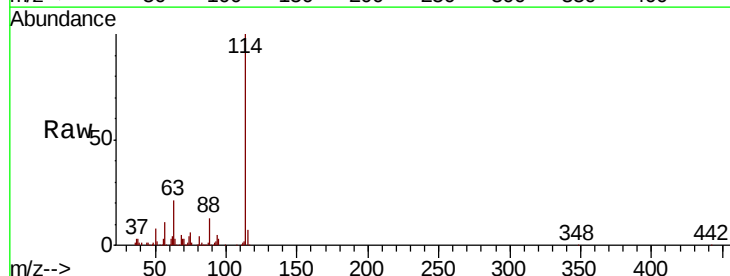
Instrument :
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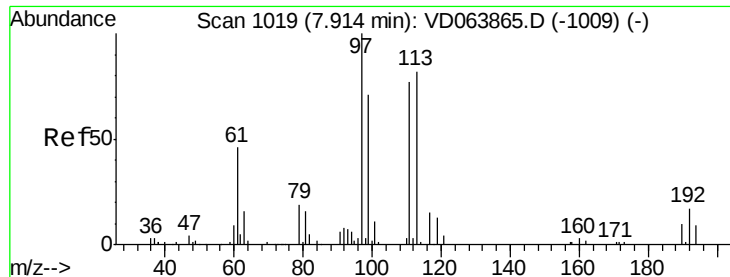
Tot Ion: 65 Resp: 81909
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064034.D
 Acq: 23 Oct 2019 21:30

Tgt Ion: 114 Resp: 259123
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.4
 88 13.4 0.0 27.4

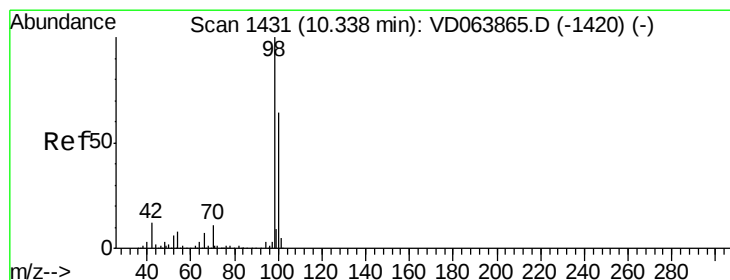
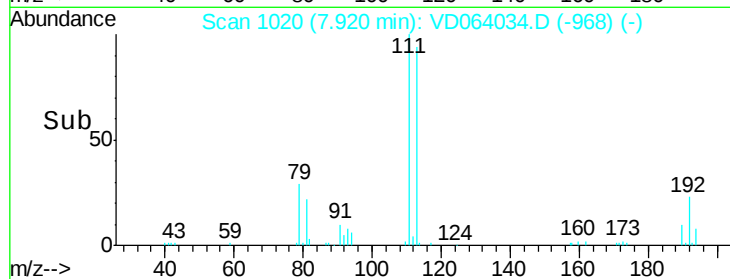
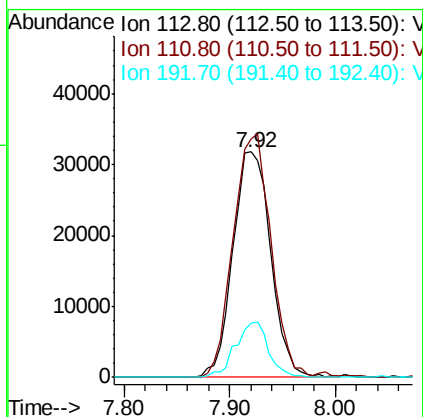
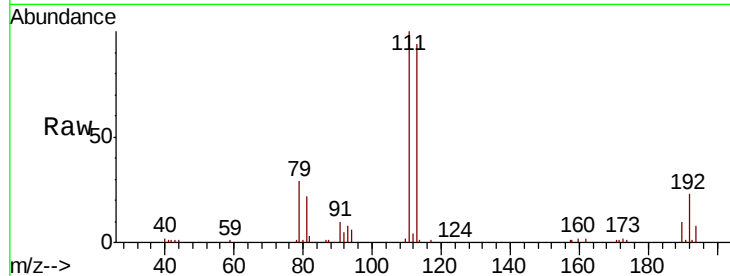




#35
 Dibromofluoromethane
 Concen: 49.838 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064034.D
 Acq: 23 Oct 2019 21:30

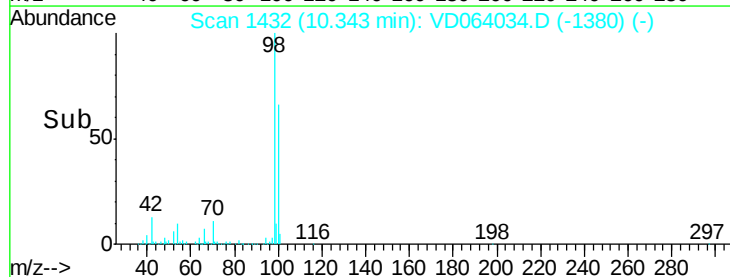
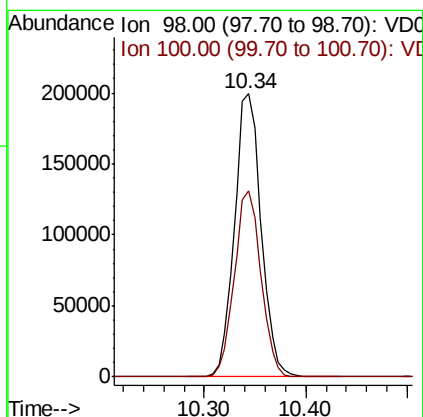
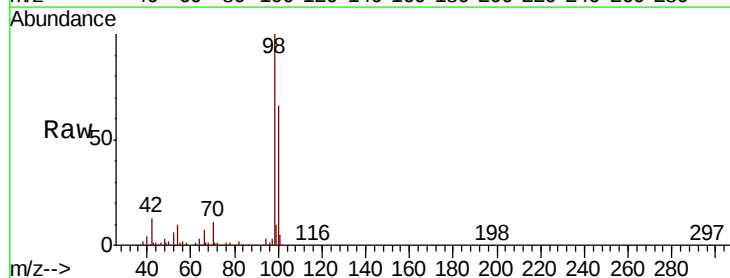
Instrument :
 MSVOA_D
 ClientSampleId :
 187-30-(2)

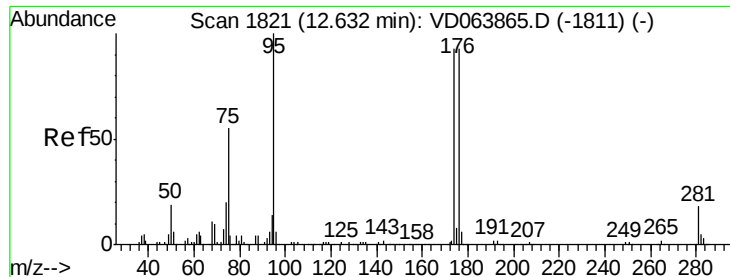
Tot Ion:113 Resp: 78923
 Ion Ratio Lower Upper
 113 100
 111 107.4 82.6 123.8
 192 21.4 17.1 25.7



#50
 Toluene-d8
 Concen: 56.759 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064034.D
 Acq: 23 Oct 2019 21:30

Tgt Ion: 98 Resp: 364816
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 46.782 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064034.D

Acq: 23 Oct 2019 21:30

Instrument :

MSVOA_D

ClientSampleId :

187-30-(2)

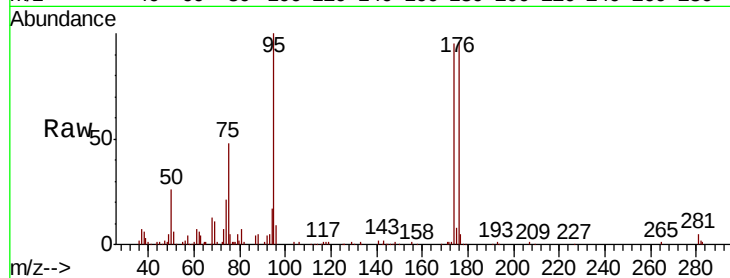
Tot Ion: 95 Resp: 104490

Ion Ratio Lower Upper

95 100

174 97.9 0.0 186.4

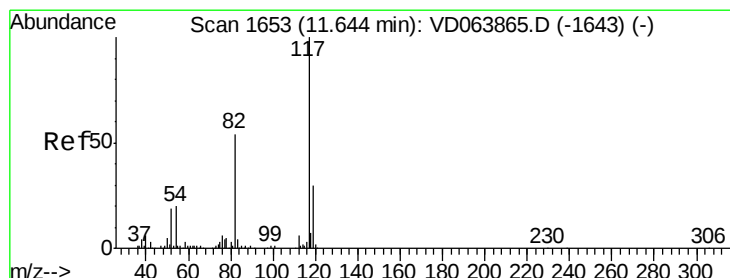
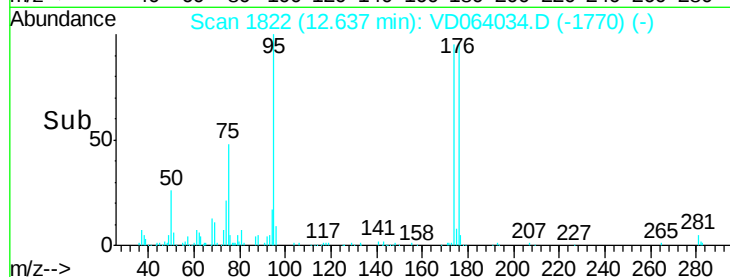
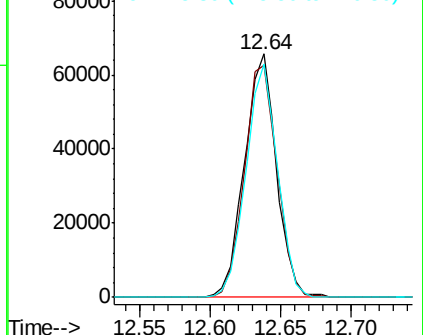
176 94.6 0.0 184.2



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: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD064034.D

Acq: 23 Oct 2019 21:30

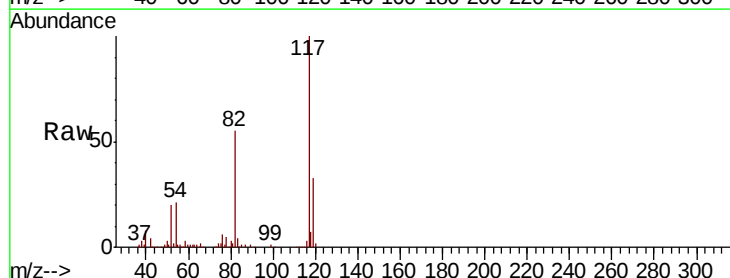
Tgt Ion: 117 Resp: 276056

Ion Ratio Lower Upper

117 100

82 55.4 42.8 64.2

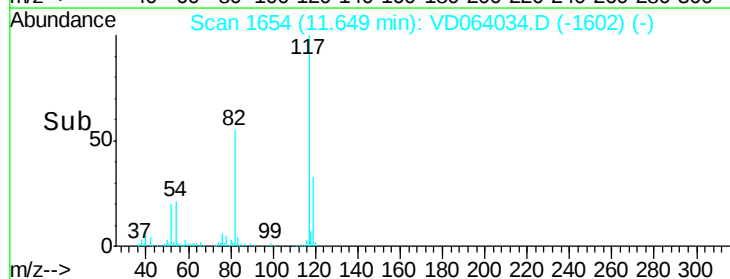
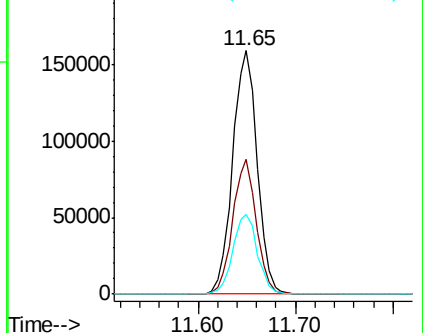
119 32.7 24.4 36.6

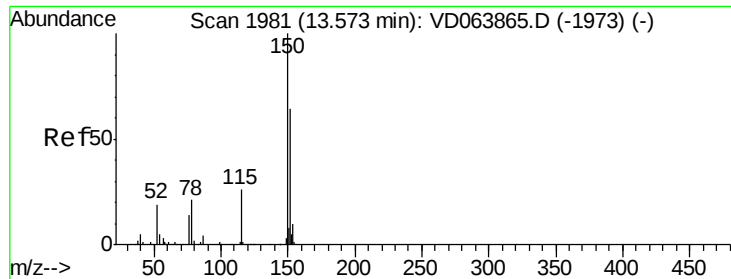


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064034.D

Acq: 23 Oct 2019 21:30

Instrument :

MSVOA_D

ClientSampleId :

187-30-(2)

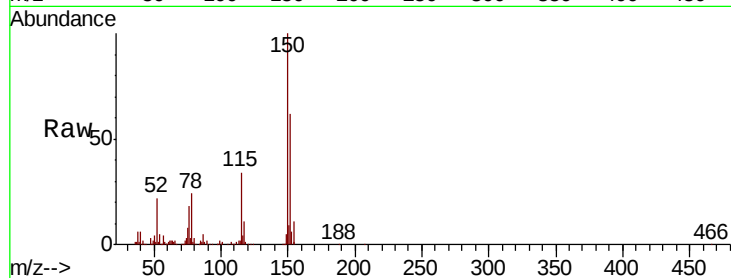
Tot Ion:152 Resp: 129574

Ion Ratio Lower Upper

152 100

115 54.8 25.9 77.7

150 158.3 0.0 344.2



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

