

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021420\
 Data File : VD065189.D
 Acq On : 14 Feb 2020 16:19
 Operator : VA/SY
 Sample : L1531-02
 Misc : 7.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WFD-SB-103-1.5-2.5

Quant Time: Feb 15 00:45:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

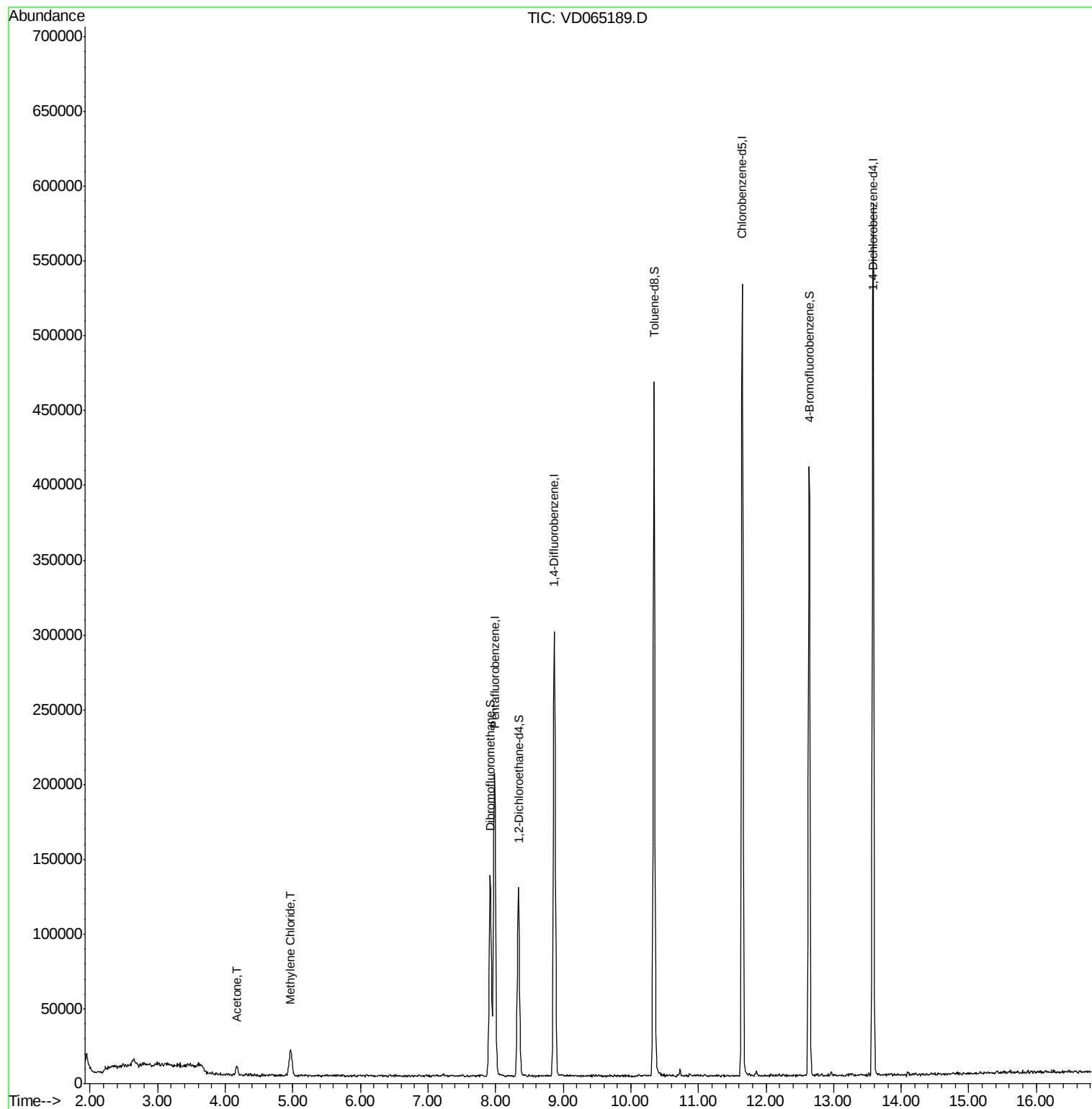
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	160812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	253990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	103795	75.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.88%	
35) Dibromofluoromethane	7.92	113	93253	65.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.62%	
50) Toluene-d8	10.34	98	316553	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.64	95	129659	72.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.10%	
Target Compounds						
16) Acetone	4.17	43	9732	28.480	ug/l	90
20) Methylene Chloride	4.97	84	13130	5.195	ug/l	95

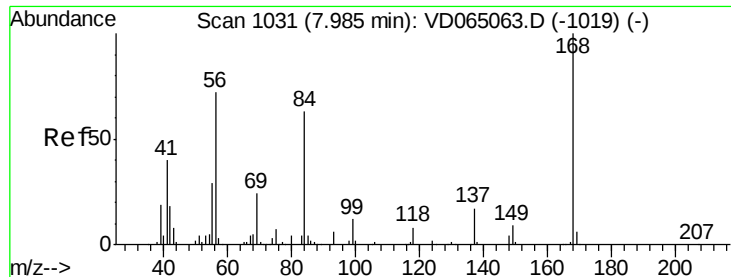
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD065189.D

Acq: 14 Feb 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

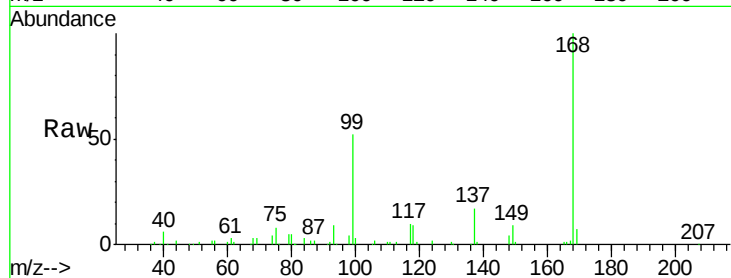
WFD-SB-103-1.5-2.5

Tot Ion:168 Resp: 160812

Ion Ratio Lower Upper

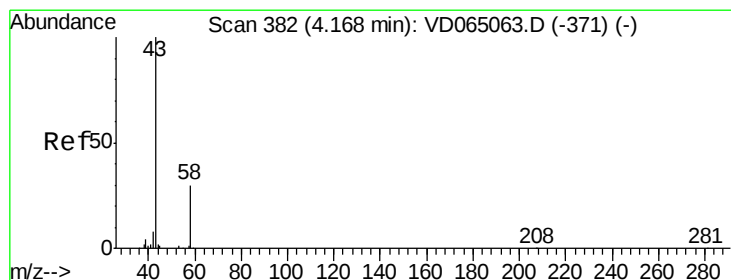
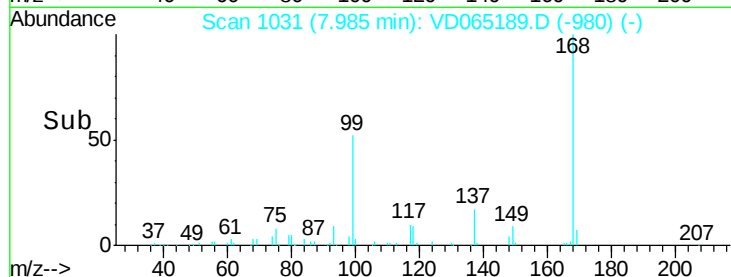
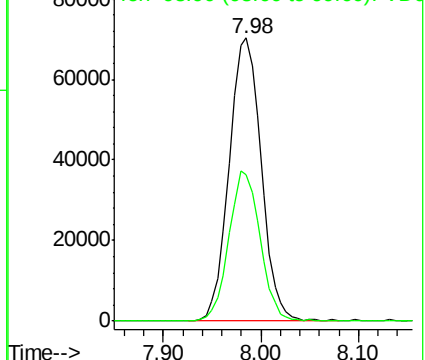
168 100

99 51.8 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 28.480 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065189.D

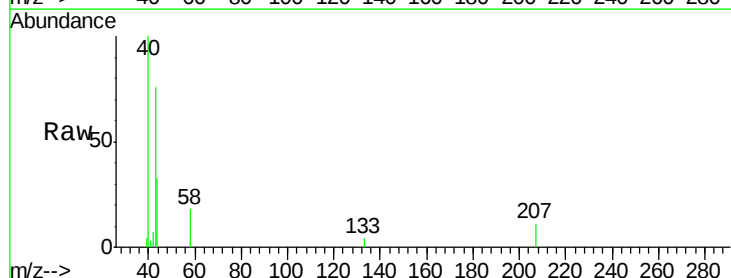
Acq: 14 Feb 2020 16:19

Tgt Ion: 43 Resp: 9732

Ion Ratio Lower Upper

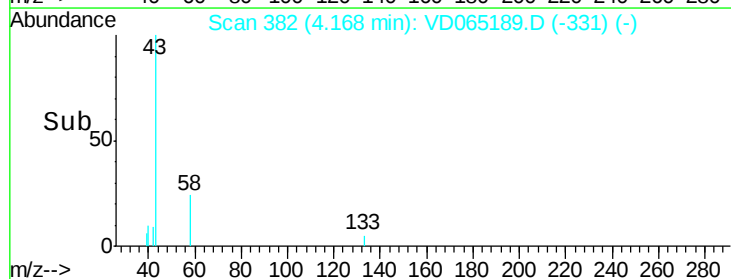
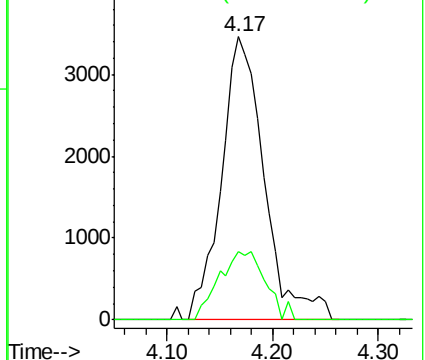
43 100

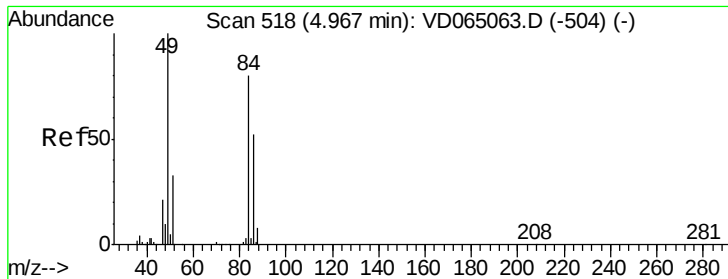
58 24.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

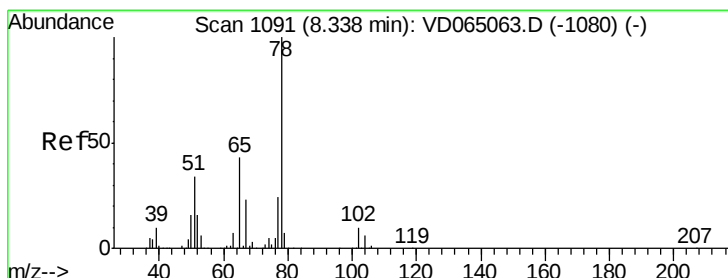
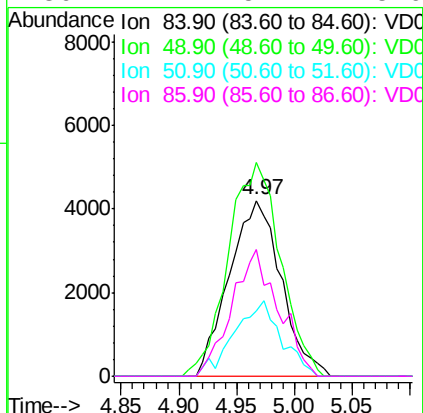
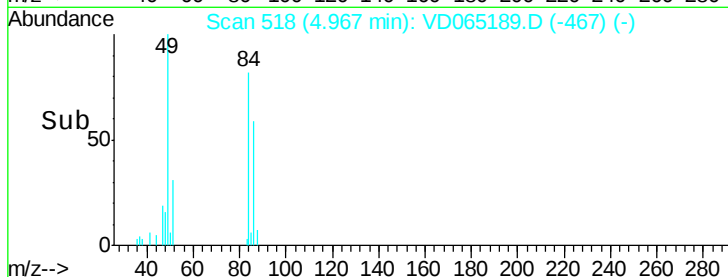
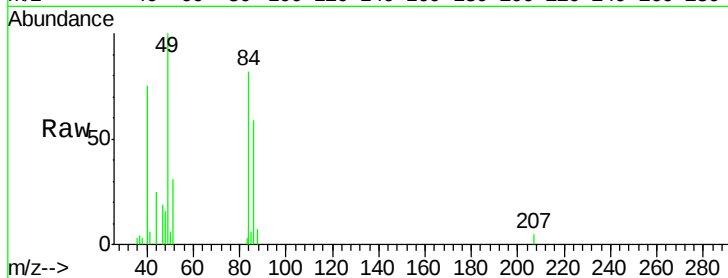




#20
Methvlene Chloride
Concen: 5.195 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065189.D
Acq: 14 Feb 2020 16:19

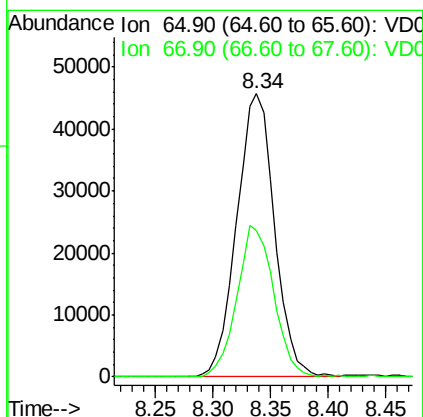
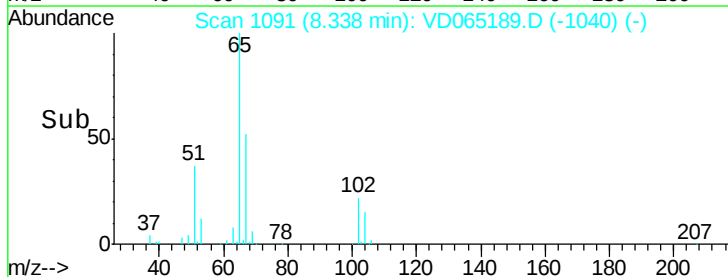
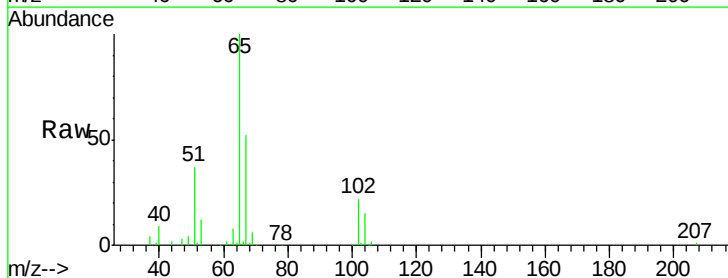
Instrument :
MSVOA_D
ClientSampleId :
WFD-SB-103-1.5-2.5

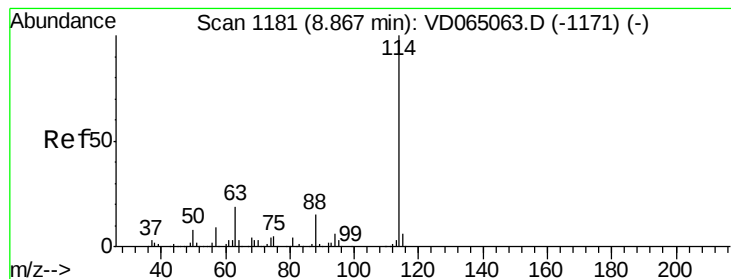
Tot Ion:	84	Resp:	13130
Ion	Ratio	Lower	Upper
84	100		
49	121.5	100.4	150.6
51	37.2	32.7	49.1
86	72.1	52.4	78.6



#33
1,2-Dichloroethane-d4
Concen: 75.942 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065189.D
Acq: 14 Feb 2020 16:19

Tgt Ion:	65	Resp:	103795
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065189.D

Acq: 14 Feb 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

WFD-SB-103-1.5-2.5

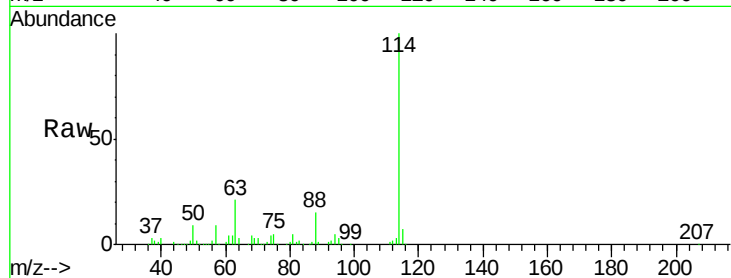
Tot Ion:114 Resp: 253990

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.8

88 15.3 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V

8.87

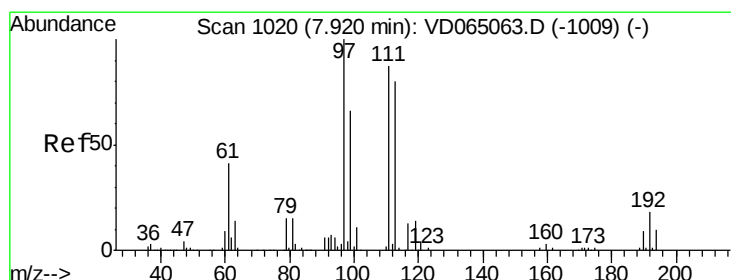
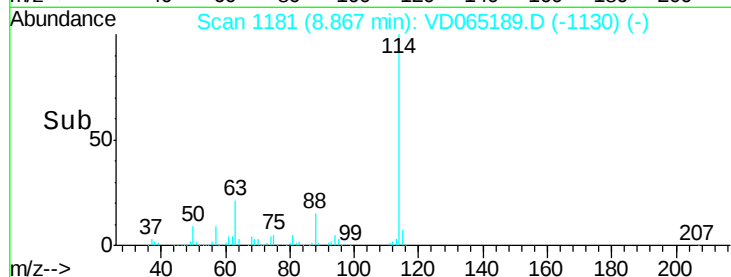
150000

100000

50000

0

Time--> 8.75 8.80 8.85 8.90 8.95



#35

Dibromofluoromethane

Concen: 65.805 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065189.D

Acq: 14 Feb 2020 16:19

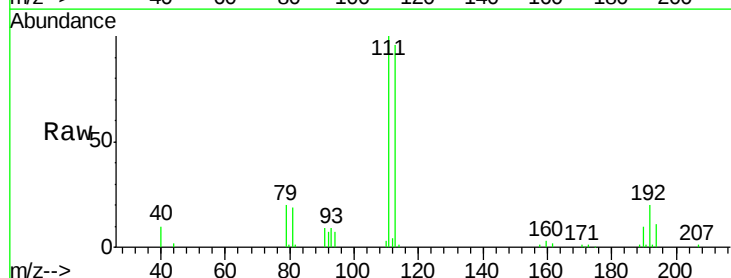
Tgt Ion:113 Resp: 93253

Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

192 21.8 18.1 27.1



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

7.92

50000

40000

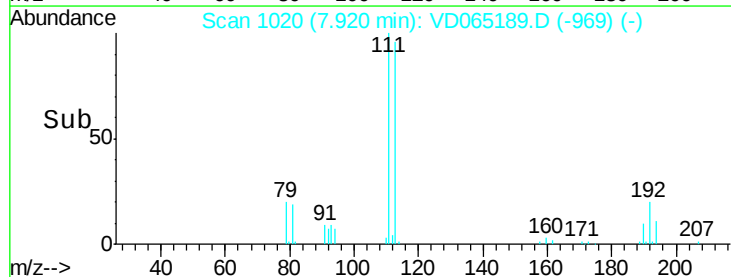
30000

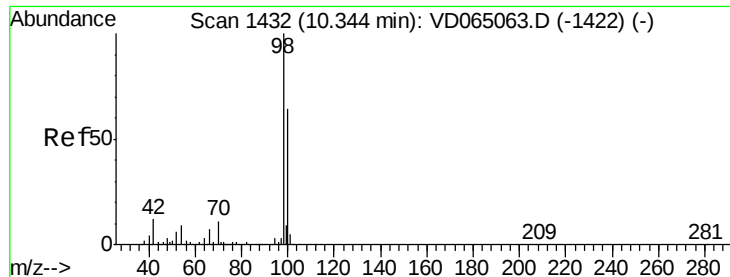
20000

10000

0

Time--> 7.80 7.90 8.00 8.10





#50

Toluene-d8

Concen: 56.121 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065189.D

Acq: 14 Feb 2020 16:19

Instrument :

MSVOA_D

ClientSampleId :

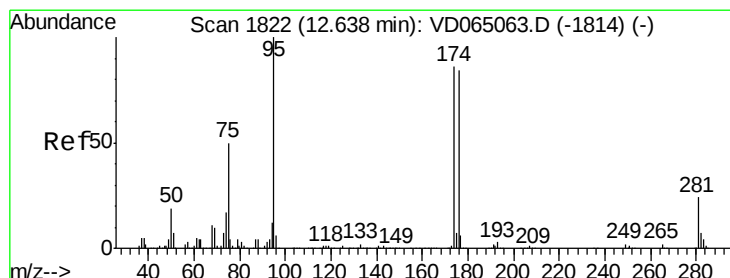
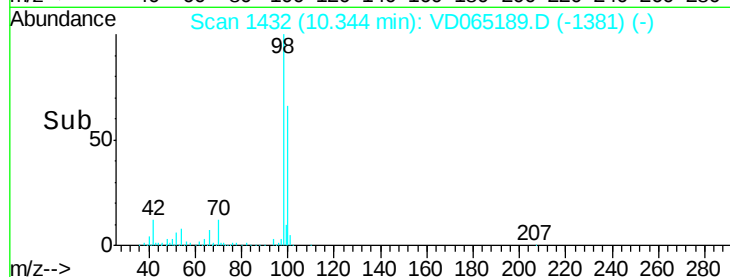
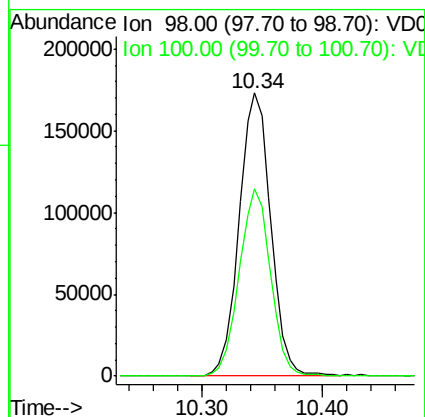
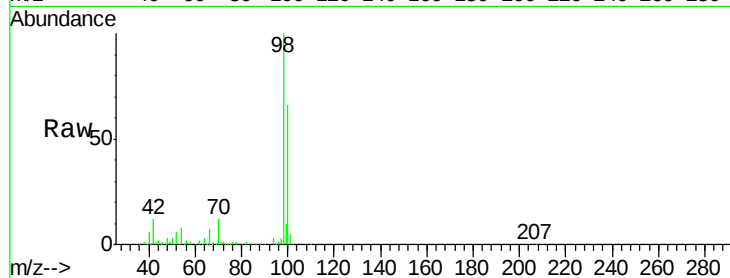
WFD-SB-103-1.5-2.5

Tot Ion: 98 Resp: 316553

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 72.546 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065189.D

Acq: 14 Feb 2020 16:19

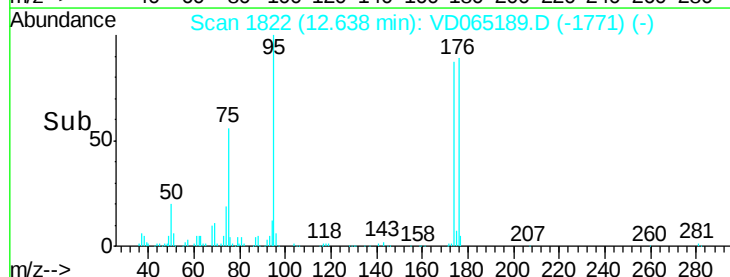
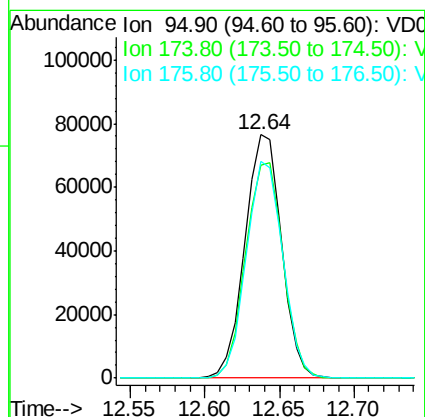
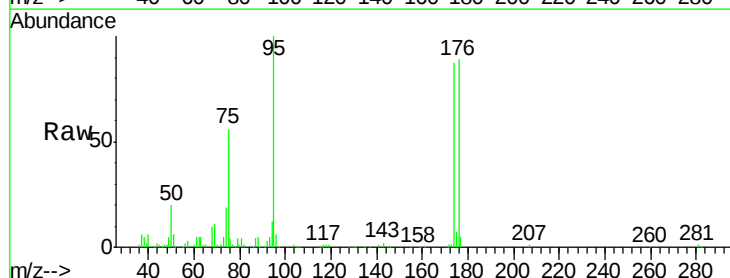
Tgt Ion: 95 Resp: 129659

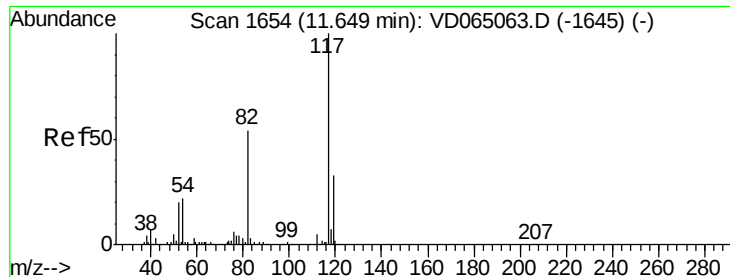
Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

176 88.9 0.0 173.2

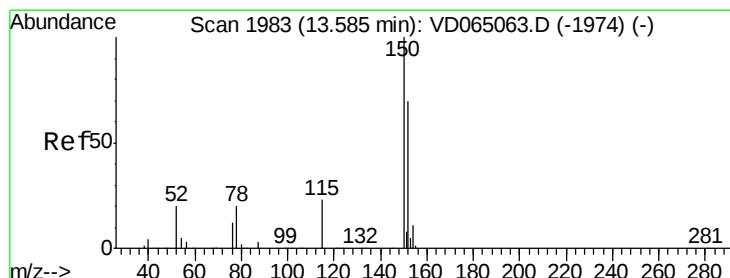
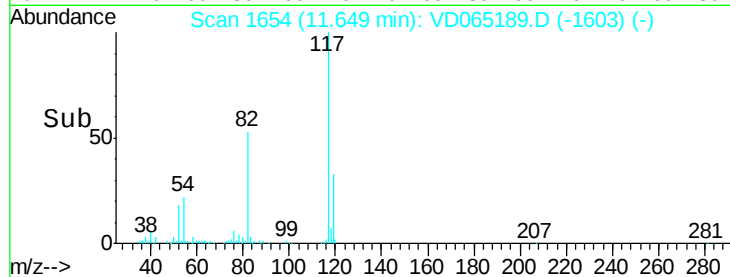
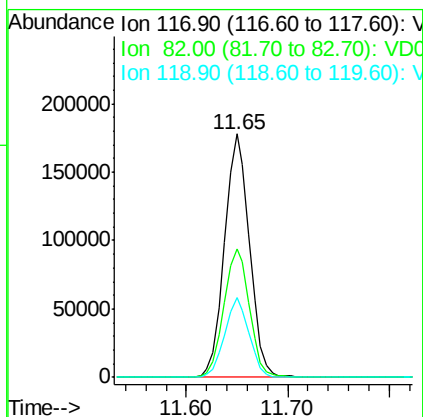
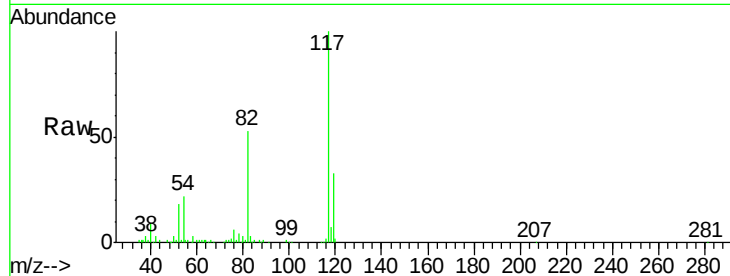




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065189.D
Acq: 14 Feb 2020 16:19

Instrument :
MSVOA_D
ClientSampleId :
WFD-SB-103-1.5-2.5

Tot Ion:117 Resp: 303380
Ion Ratio Lower Upper
117 100
82 52.7 43.1 64.7
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065189.D
Acq: 14 Feb 2020 16:19

Tgt Ion:152 Resp: 155248
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 156.0 0.0 343.2

