

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065208.D
 Acq On : 17 Feb 2020 20:35
 Operator : VA/SY
 Sample : L1545-01RE
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-BRE

Quant Time: Feb 18 04:07:21 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

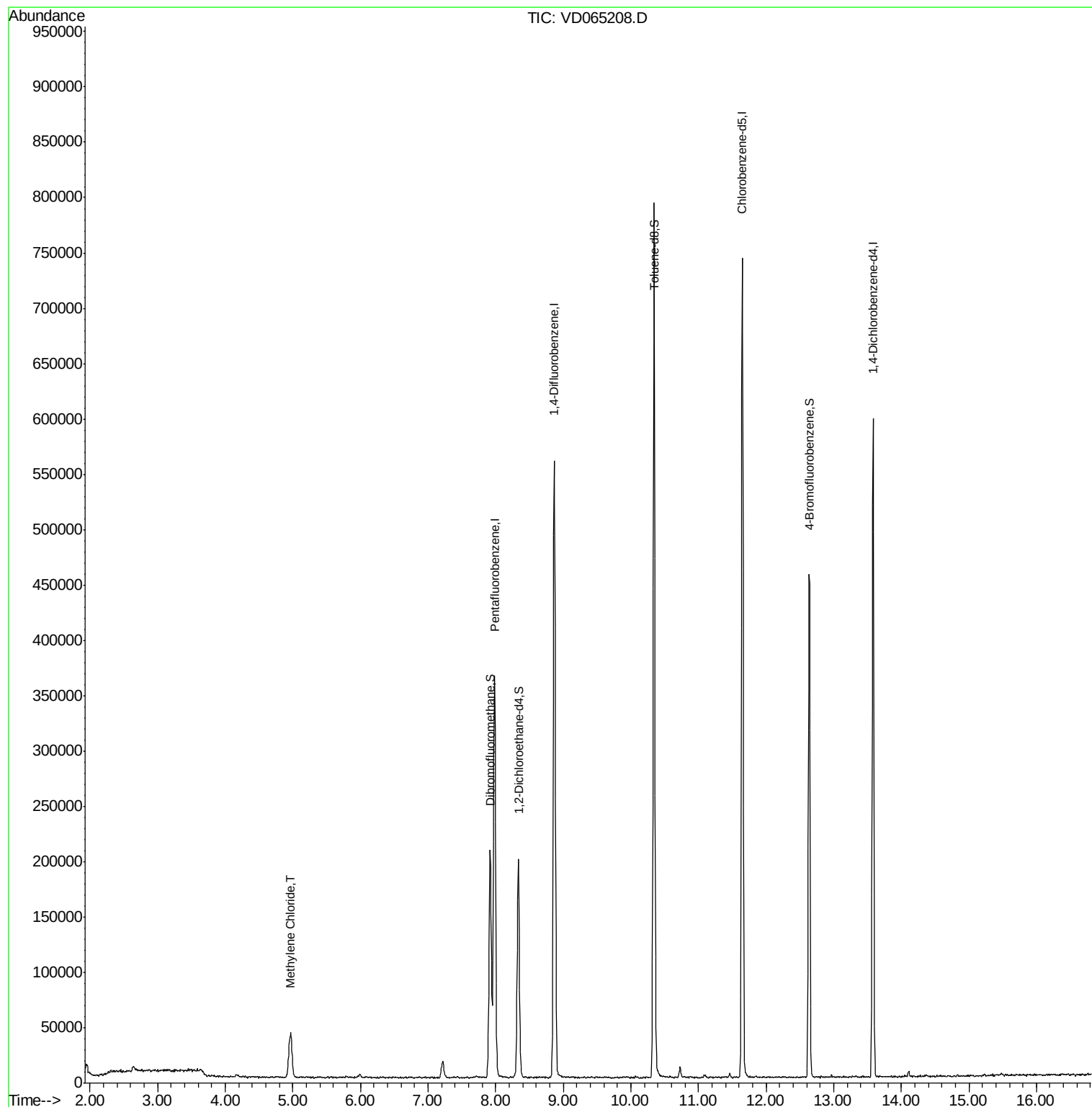
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	483130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	432042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	160011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	158878	66.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.60%	
35) Dibromofluoromethane	7.92	113	145910	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
50) Toluene-d8	10.34	98	525965	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.64	95	142961	42.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.10%	
Target Compounds						
20) Methylene Chloride	4.96	84	32802	9.322	ug/l	Qvalue 98

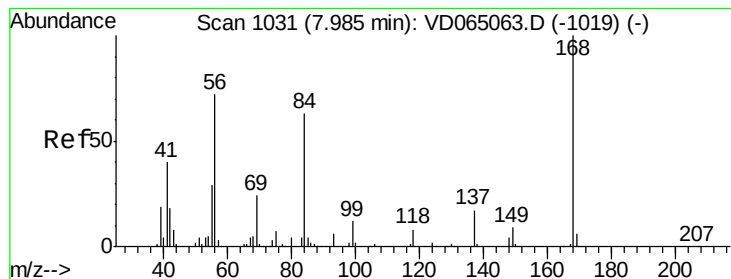
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065208.D

Acq: 17 Feb 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

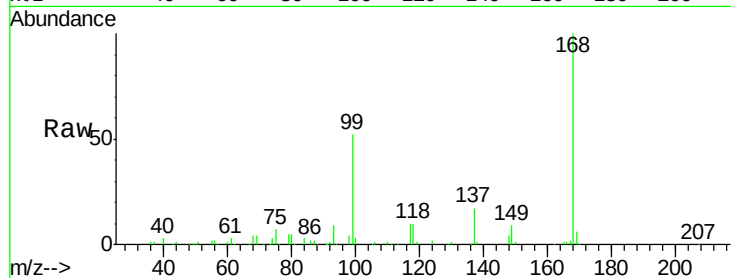
43ST-BRE

Tot Ion:168 Resp: 279853

Ion Ratio Lower Upper

168 100

99 52.1 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

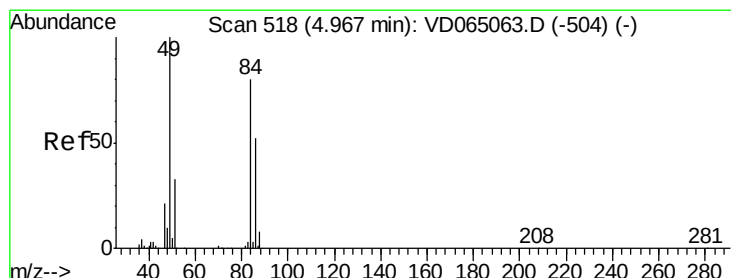
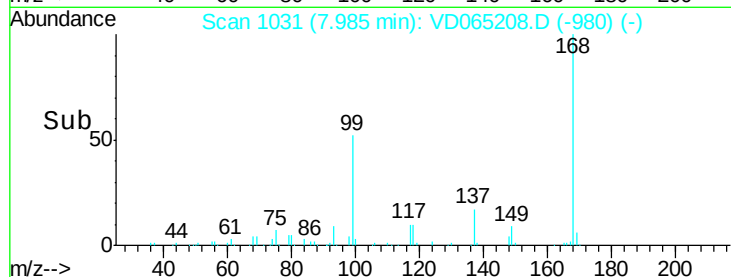
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 9.322 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065208.D

Acq: 17 Feb 2020 20:35

Tgt Ion: 84 Resp: 32802

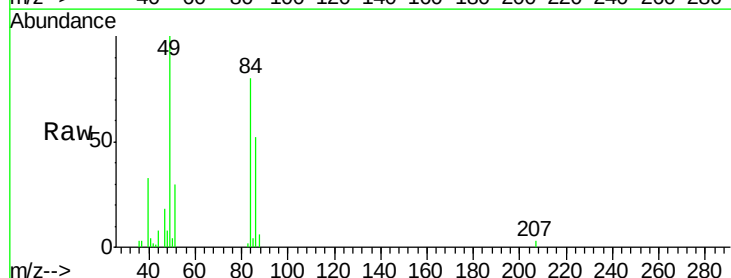
Ion Ratio Lower Upper

84 100

49 124.7 100.4 150.6

51 37.3 32.7 49.1

86 64.4 52.4 78.6



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

20000

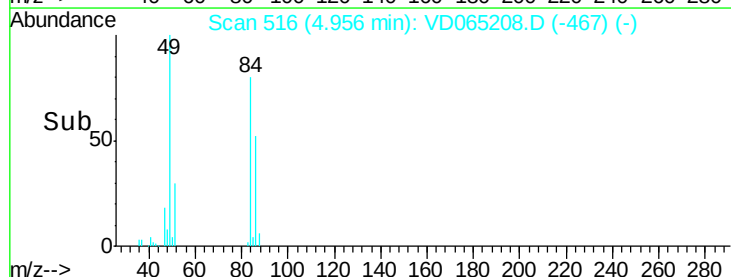
15000

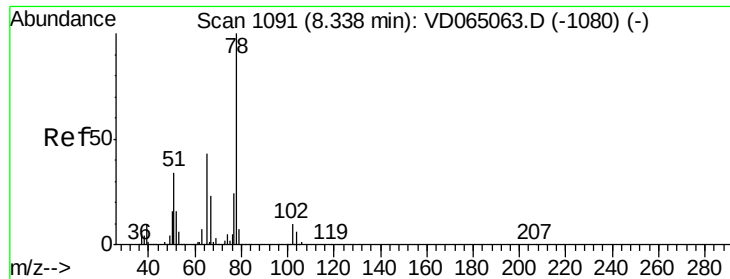
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5000

0

Time-->

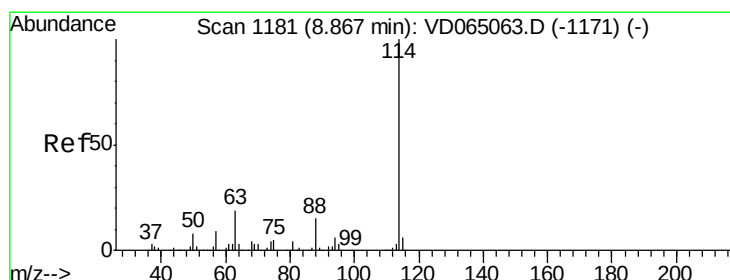
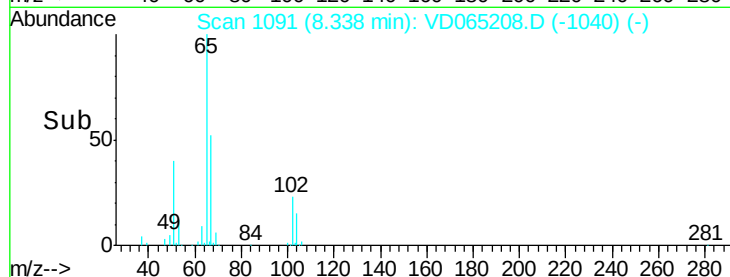
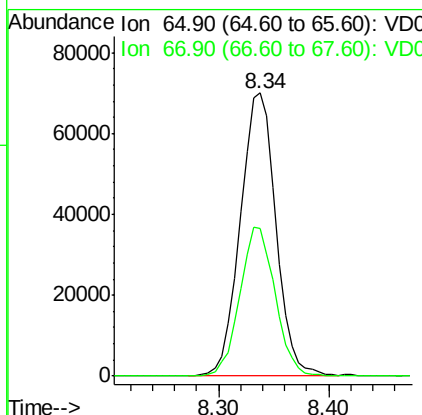
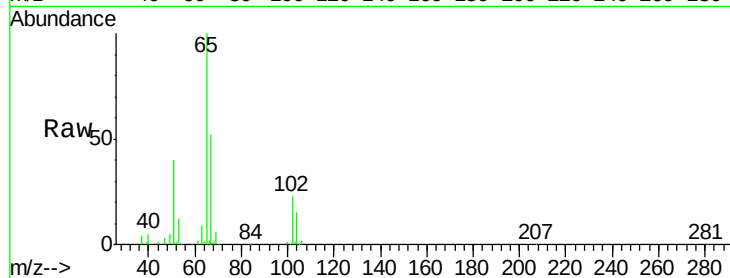




#33
 1,2-Dichloroethane-d4
 Concen: 66.797 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065208.D
 Acq: 17 Feb 2020 20:35

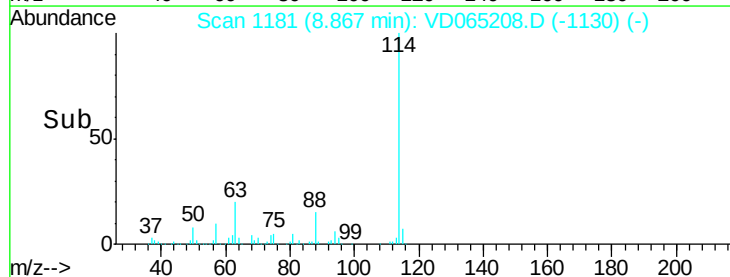
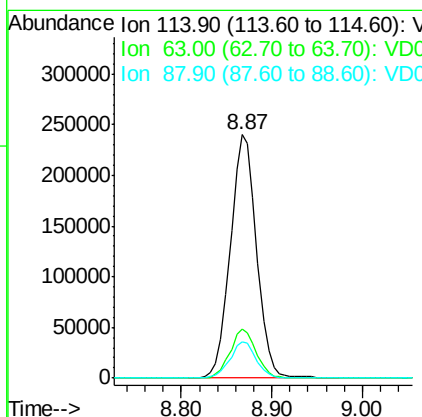
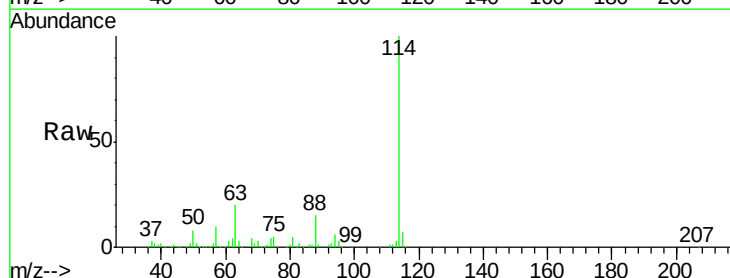
Instrument :
 MSVOA_D
 ClientSampleId :
 43ST-BRE

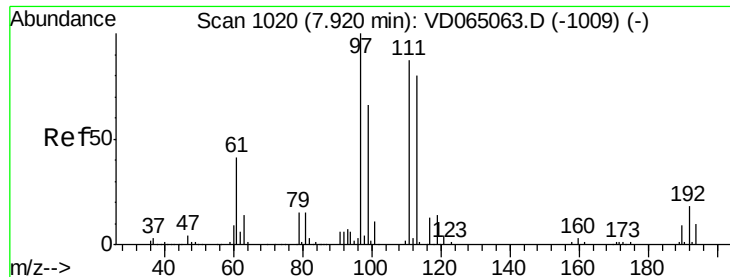
Tot Ion: 65 Resp: 158878
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065208.D
 Acq: 17 Feb 2020 20:35

Tgt Ion: 114 Resp: 483130
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.8
 88 14.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 54.130 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065208.D

Acq: 17 Feb 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

43ST-BRE

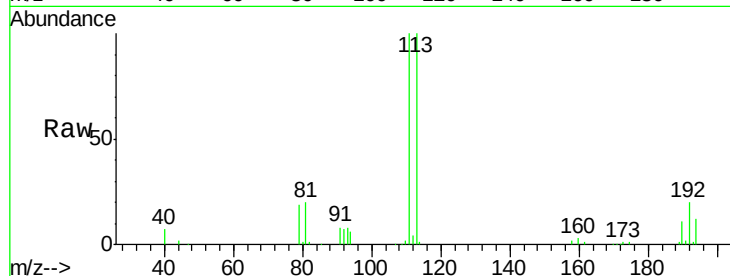
Tot Ion:113 Resp: 145910

Ion Ratio Lower Upper

113 100

111 105.1 83.1 124.7

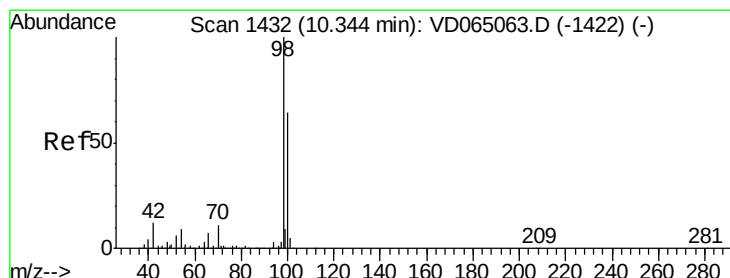
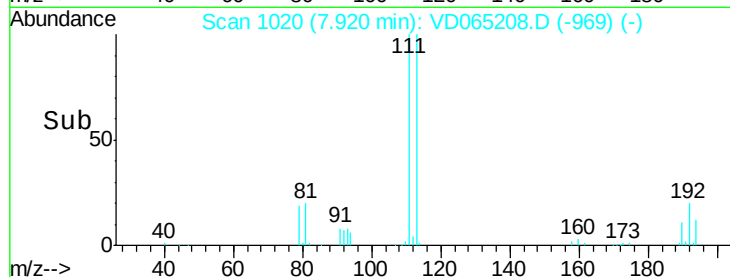
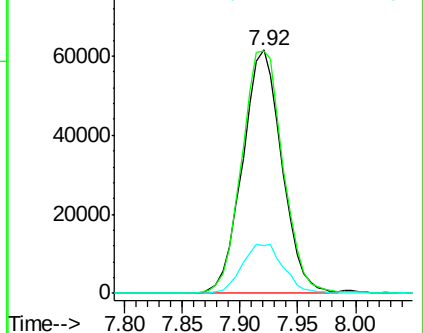
192 21.2 18.1 27.1



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



#50

Toluene-d8

Concen: 49.022 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065208.D

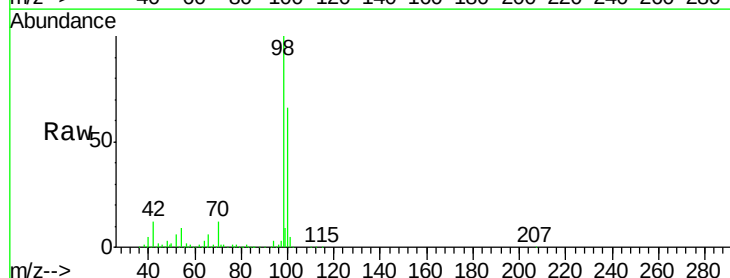
Acq: 17 Feb 2020 20:35

Tgt Ion: 98 Resp: 525965

Ion Ratio Lower Upper

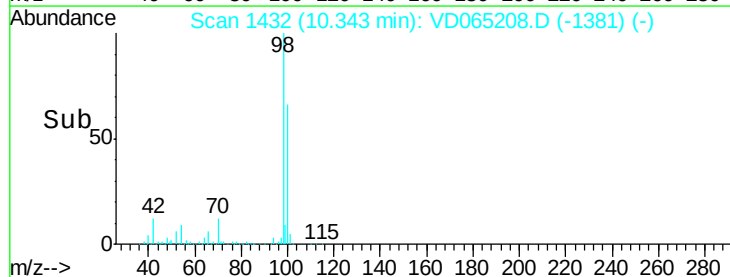
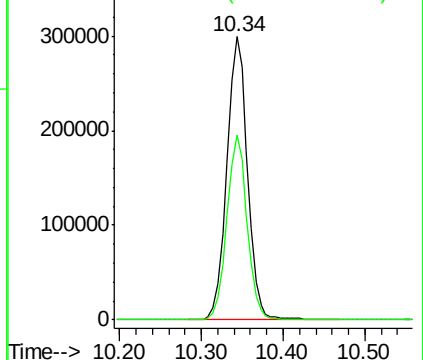
98 100

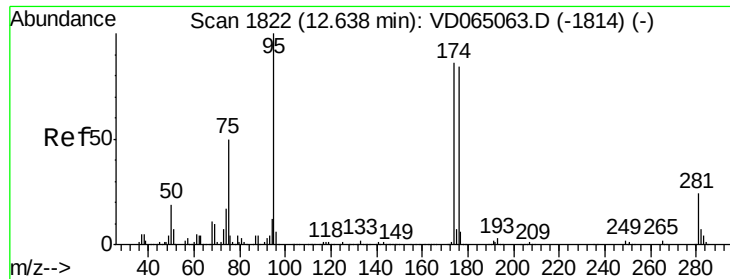
100 63.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

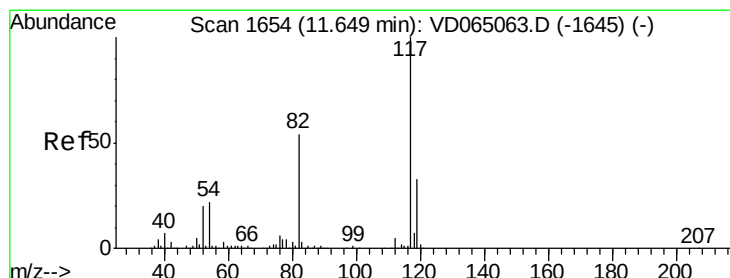
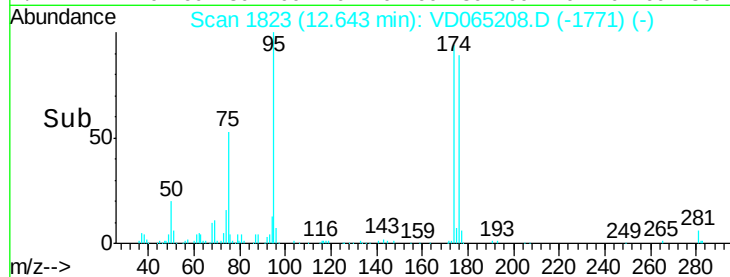
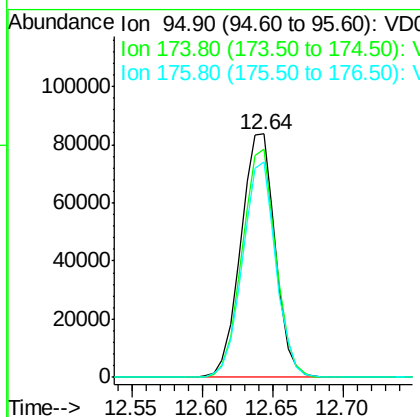
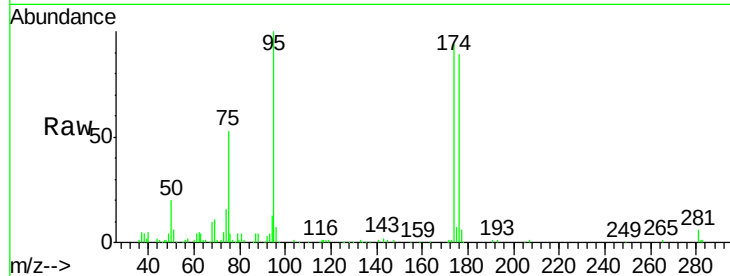




#62
4-Bromofluorobenzene
Concen: 42.052 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065208.D
Acq: 17 Feb 2020 20:35

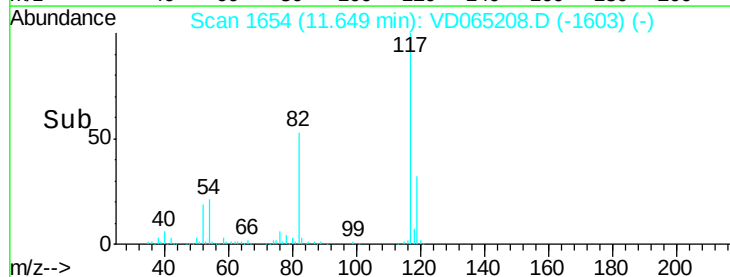
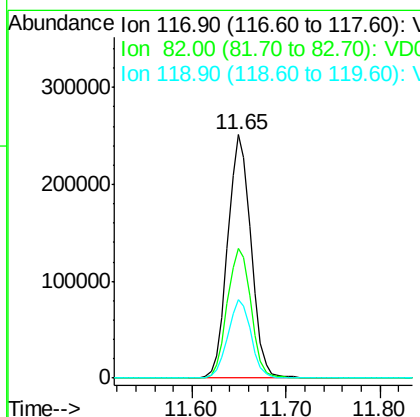
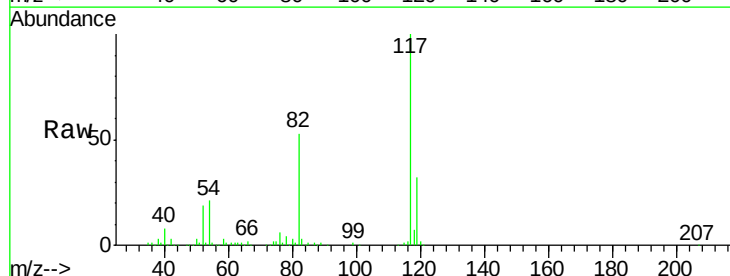
Instrument :
MSVOA_D
ClientSampleId :
43ST-BRE

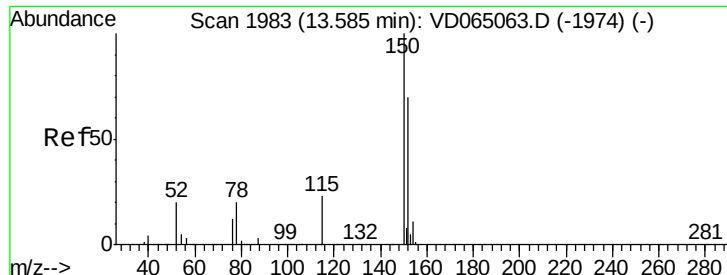
Tot Ion: 95 Resp: 142961
Ion Ratio Lower Upper
95 100
174 91.7 0.0 180.0
176 85.6 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065208.D
Acq: 17 Feb 2020 20:35

Tgt Ion: 117 Resp: 432042
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 32.3 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: VD065208.D

Acq: 17 Feb 2020 20:35

Instrument :

MSVOA_D

ClientSampleId :

43ST-BRE

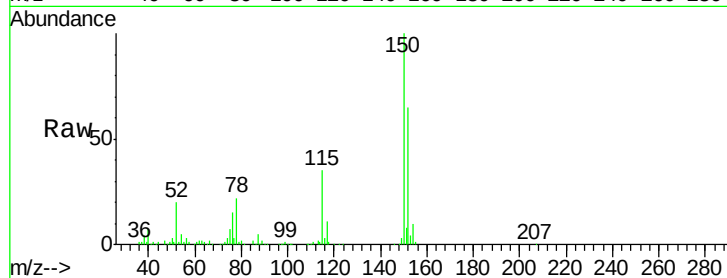
Tot Ion:152 Resp: 160011

Ion Ratio Lower Upper

152 100

115 56.1 27.5 82.4

150 158.4 0.0 343.2



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

