

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065162.D
 Acq On : 12 Feb 2020 14:50
 Operator : VA/SY
 Sample : L1510-01
 Misc : 6.59G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Feb 13 06:55:02 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	85740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	135363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	153469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	74655	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	55837	76.62	ug/l	0.00
Spiked Amount			Recovery	=	153.24%	
35) Dibromofluoromethane	7.92	113	50285	66.58	ug/l	0.00
Spiked Amount			Recovery	=	133.16%	
50) Toluene-d8	10.34	98	160584	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.64	95	62077	65.17	ug/l	0.00
Spiked Amount			Recovery	=	130.34%	

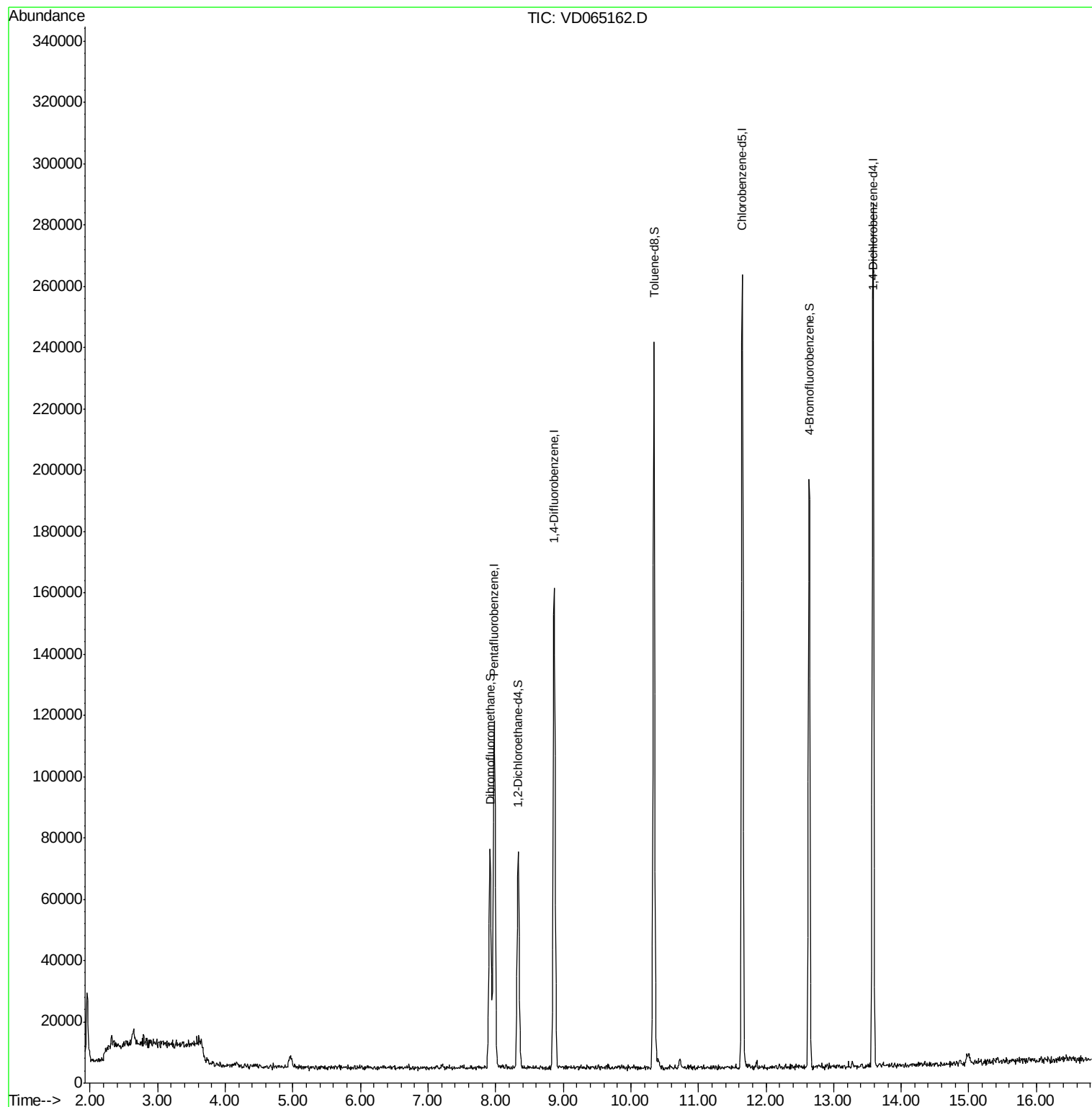
Target Compounds	Qvalue
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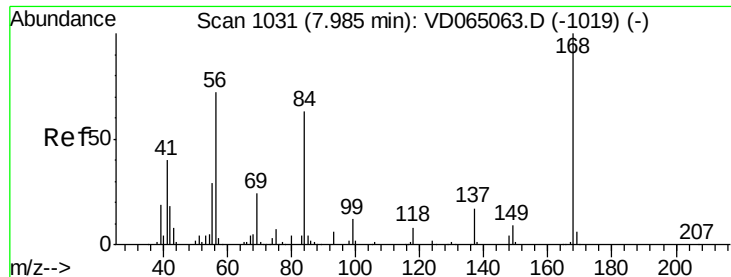
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

Instrument :

MSVOA_D

ClientSampled :

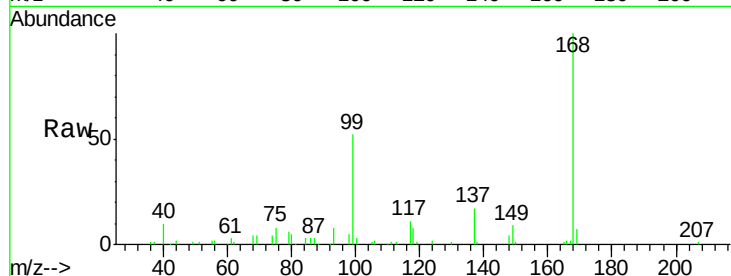
TP-1

Tot Ion:168 Resp: 85740

Ion Ratio Lower Upper

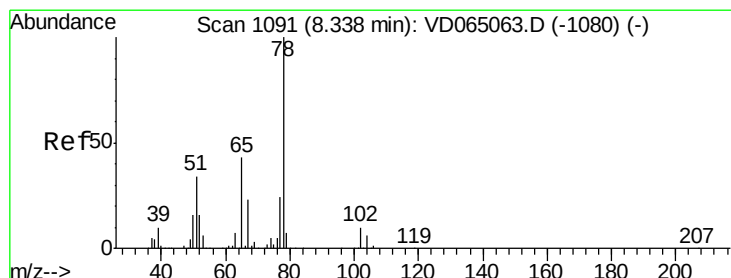
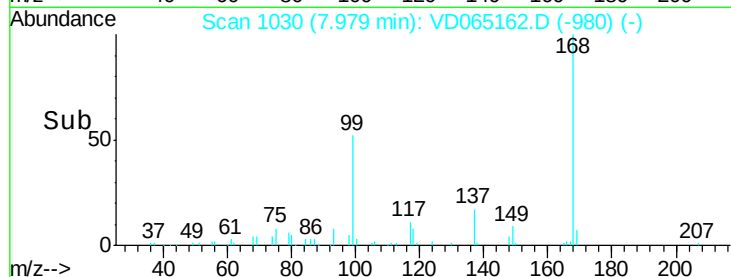
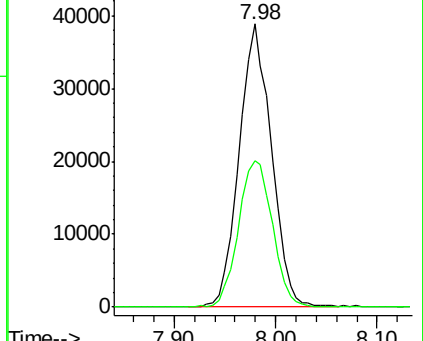
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 76.624 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065162.D

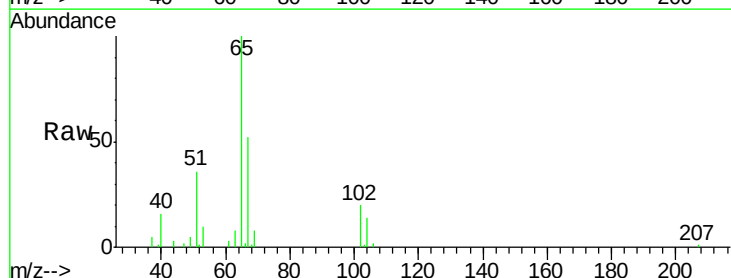
Acq: 12 Feb 2020 14:50

Tgt Ion: 65 Resp: 55837

Ion Ratio Lower Upper

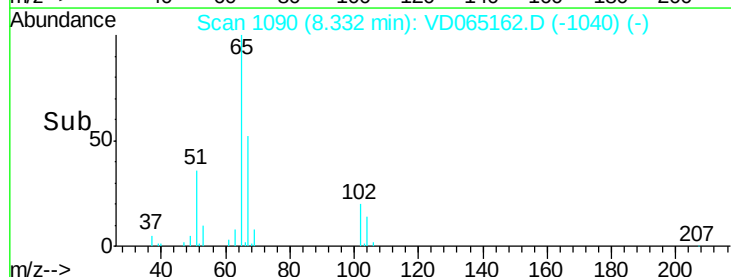
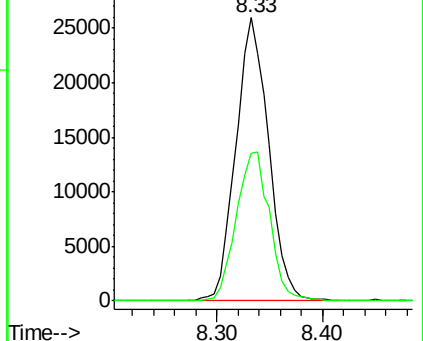
65 100

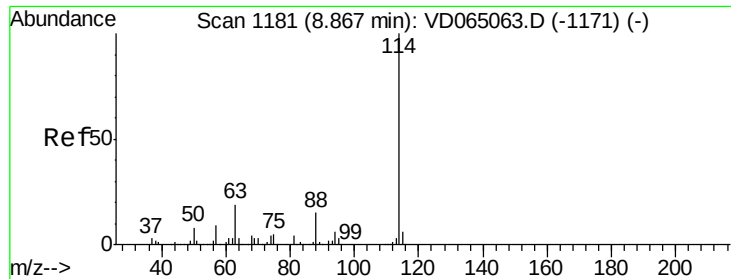
67 53.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

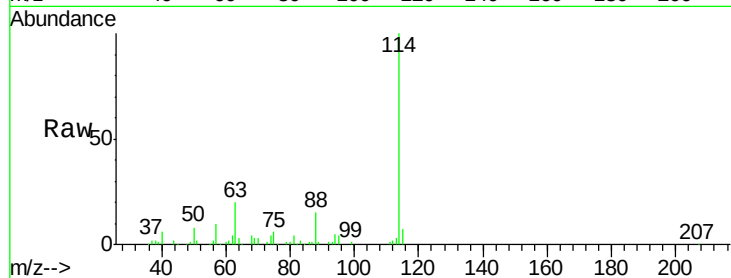




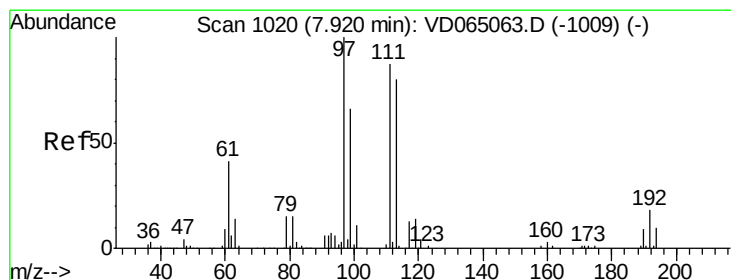
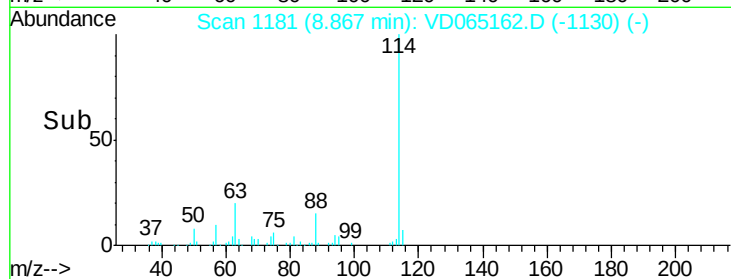
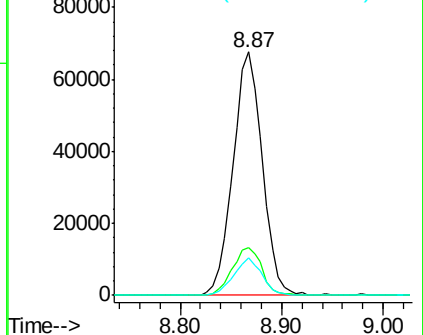
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065162.D
 Acq: 12 Feb 2020 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion:114 Resp: 135363
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.2 0.0 29.6

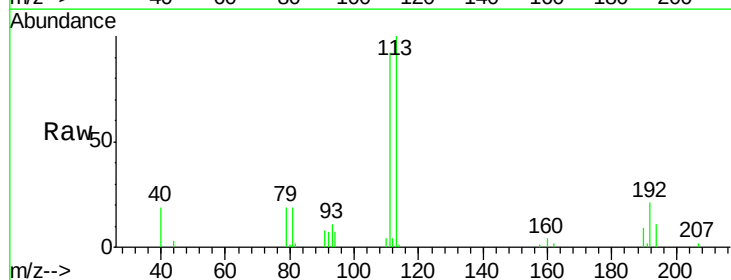


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

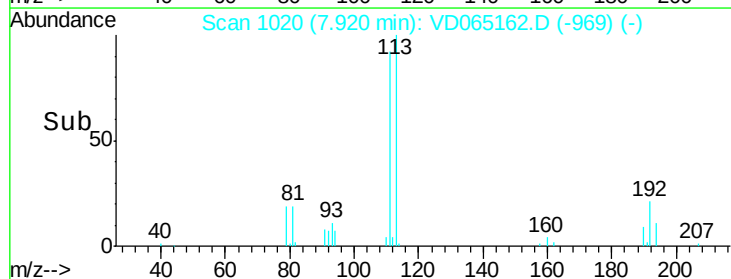
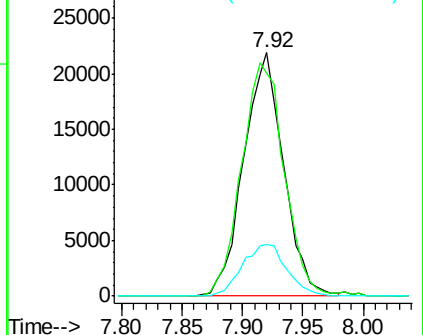


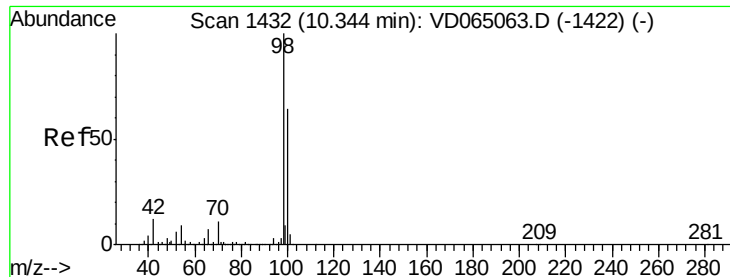
#35
 Dibromofluoromethane
 Concen: 66.581 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065162.D
 Acq: 12 Feb 2020 14:50

Tgt Ion:113 Resp: 50285
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.1 124.7
 192 23.6 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: 53.420 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

Instrument :

MSVOA_D

ClientSampled :

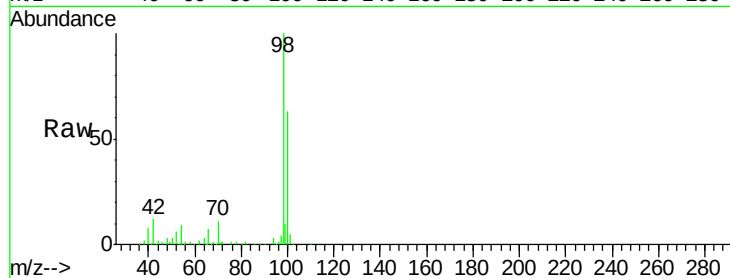
TP-1

Tot Ion: 98 Resp: 160584

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

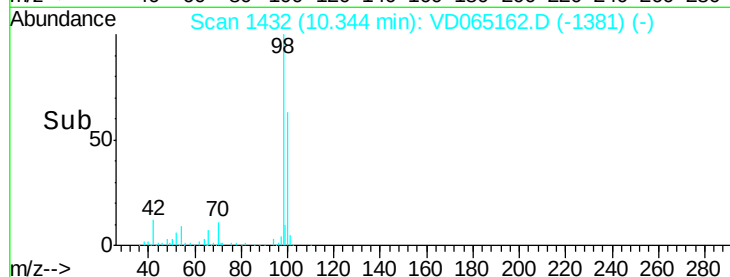


Abundance Ion 98.00 (97.70 to 98.70): VD065162.D (-1381) (-)

Ion 100.00 (99.70 to 100.70): VD065162.D (-1381) (-)

10.34

Time-->



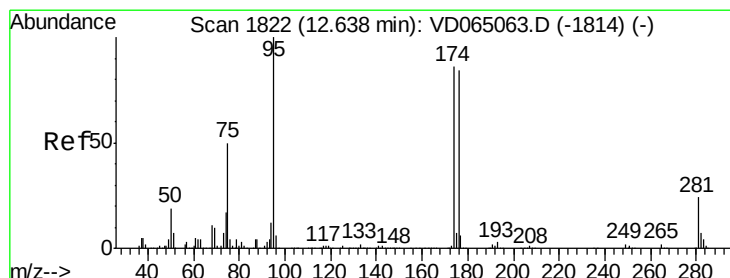
Abundance

Ion 98.00 (97.70 to 98.70): VD065162.D (-1381) (-)

Ion 100.00 (99.70 to 100.70): VD065162.D (-1381) (-)

10.34

Time-->



#62

4-Bromofluorobenzene

Concen: 65.172 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065162.D

Acq: 12 Feb 2020 14:50

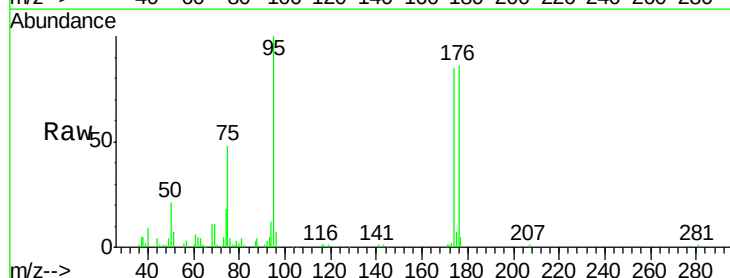
Tgt Ion: 95 Resp: 62077

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

176 87.8 0.0 173.2



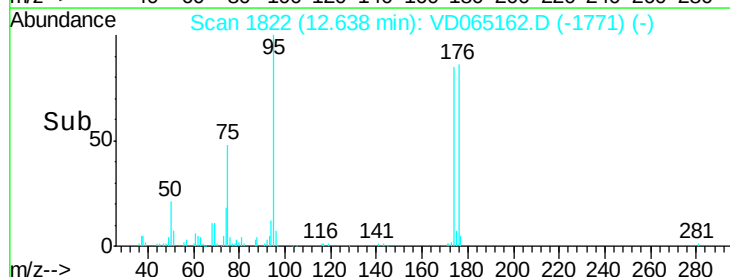
Abundance Ion 94.90 (94.60 to 95.60): VD065162.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065162.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065162.D (-1771) (-)

12.64

Time-->



Abundance

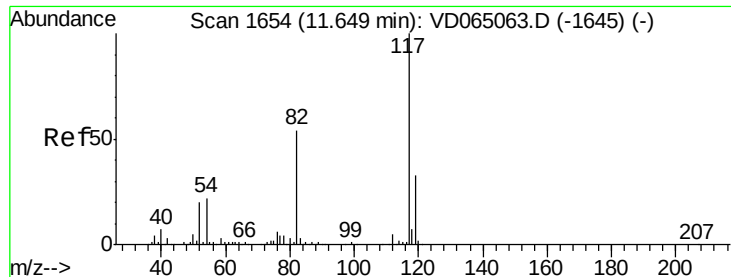
Ion 94.90 (94.60 to 95.60): VD065162.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065162.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065162.D (-1771) (-)

12.64

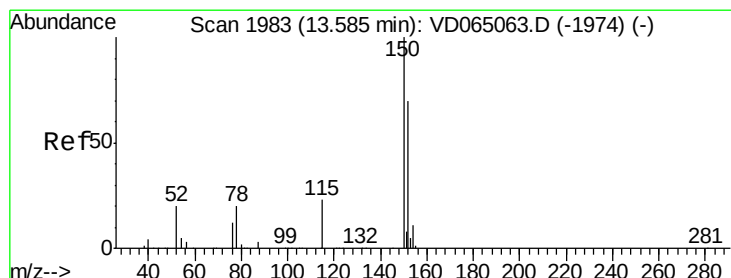
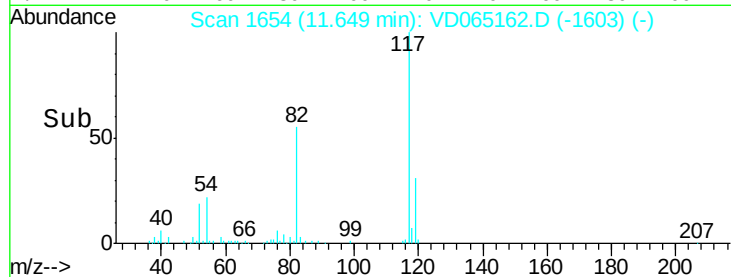
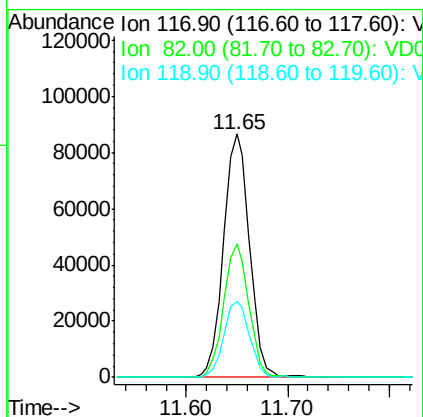
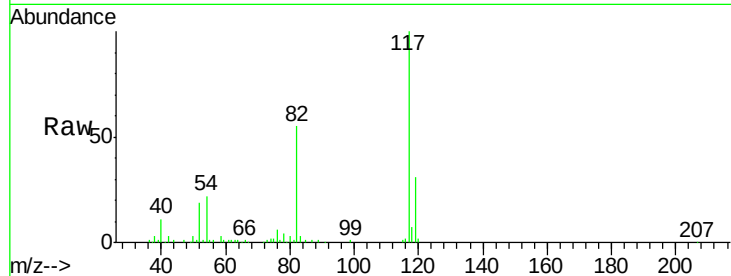
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065162.D
Acq: 12 Feb 2020 14:50

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.1	64.7
119	31.4	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: VD065162.D
Acq: 12 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	27.5	82.4
150	158.4	0.0	343.2

