

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021320\
 Data File : VD065175.D
 Acq On : 13 Feb 2020 13:40
 Operator : VA/SY
 Sample : L1523-02
 Misc : 7.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Feb 14 07:29:56 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	426720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	695799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	739930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	373911	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	200308	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
35) Dibromofluoromethane	7.92	113	219998	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
50) Toluene-d8	10.34	98	854510	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
62) 4-Bromofluorobenzene	12.64	95	326255	66.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.26%	

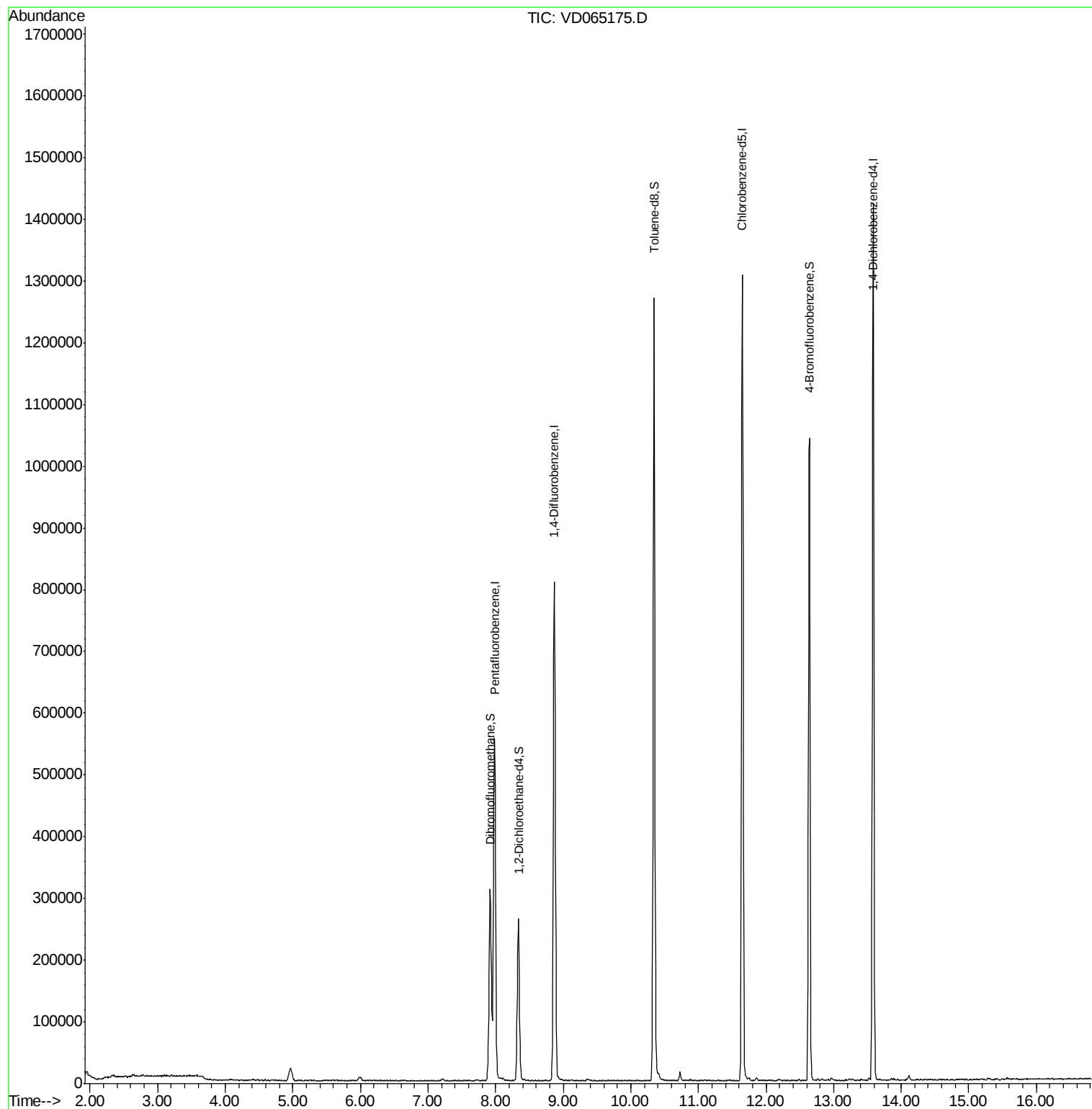
Target Compounds	Qvalue

(#) = 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: VD065175.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

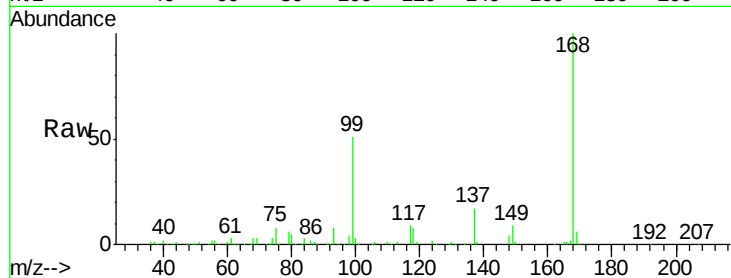
COMP-2

Tot Ion:168 Resp: 426720

Ion Ratio Lower Upper

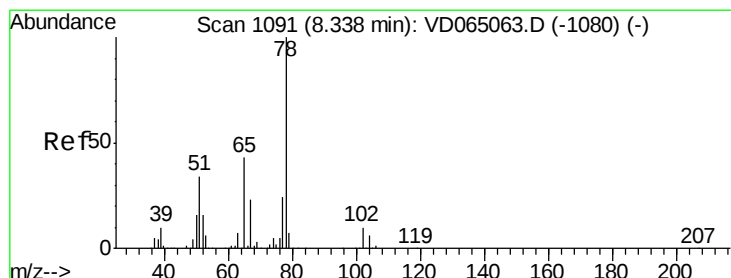
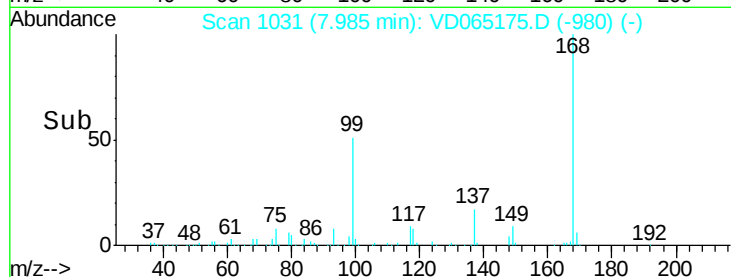
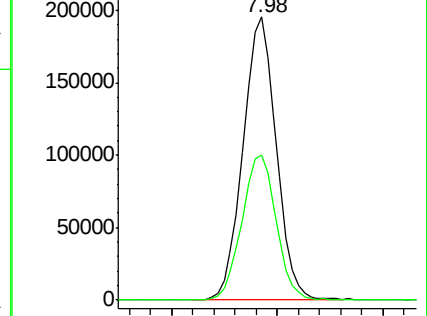
168 100

99 51.4 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: 55.231 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065175.D

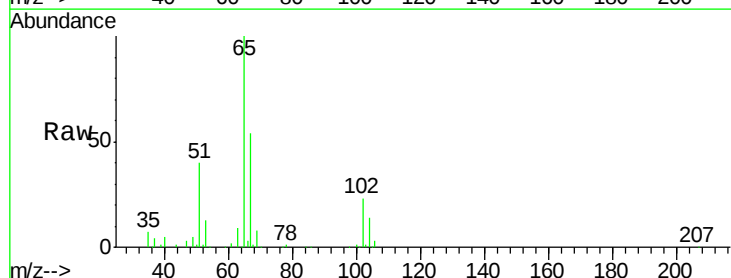
Acq: 13 Feb 2020 13:40

Tgt Ion: 65 Resp: 200308

Ion Ratio Lower Upper

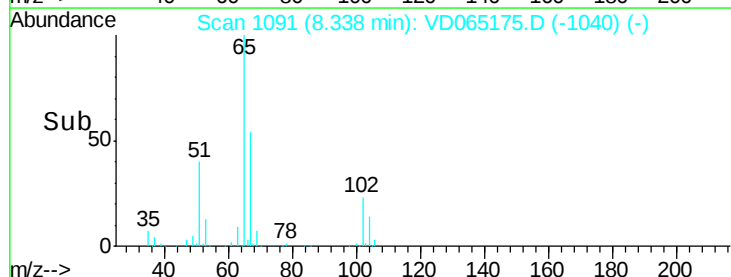
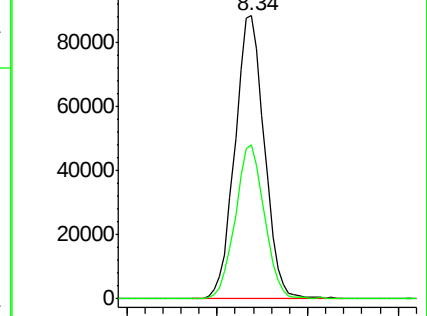
65 100

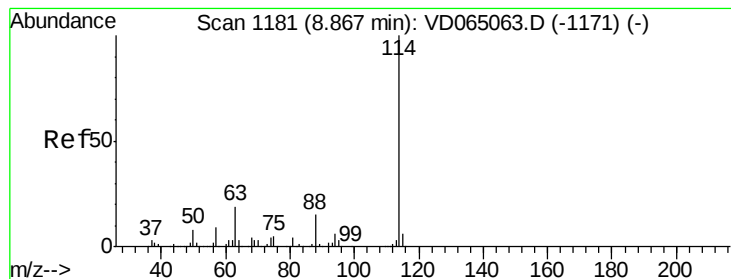
67 53.7 0.0 105.8



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: VD065175.D

Acq: 13 Feb 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

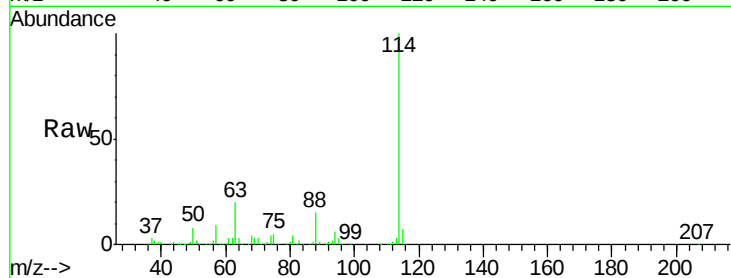
Tot Ion:114 Resp: 695799

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

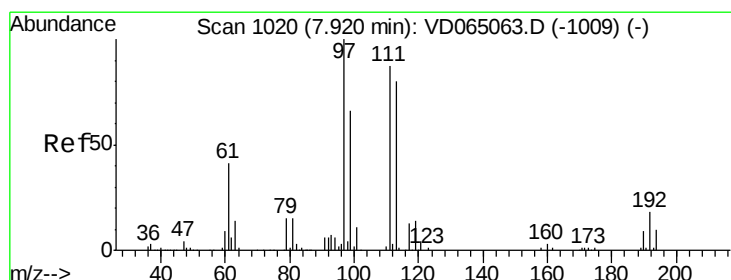
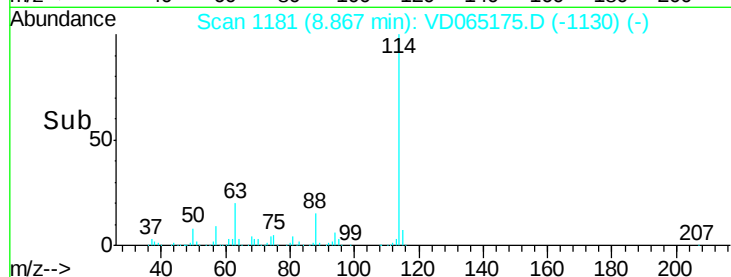
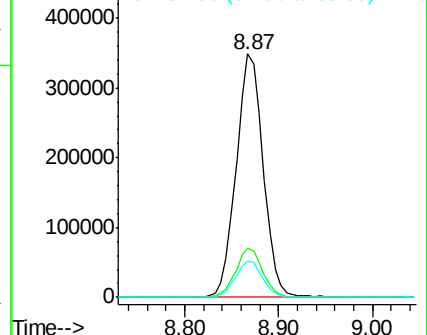
88 14.9 0.0 29.6



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: 56.669 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065175.D

Acq: 13 Feb 2020 13:40

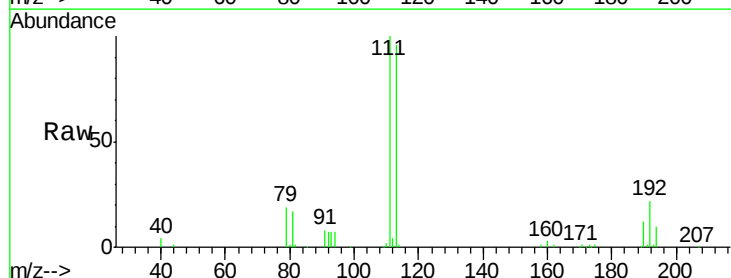
Tgt Ion:113 Resp: 219998

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

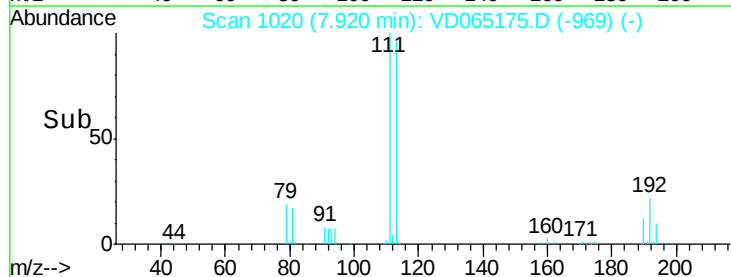
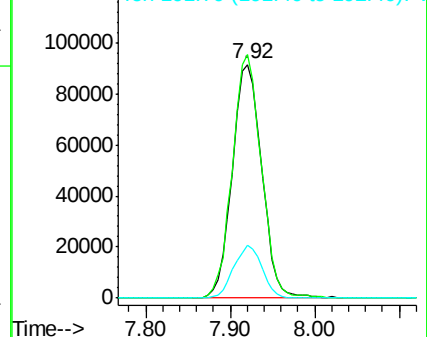
192 21.9 18.1 27.1

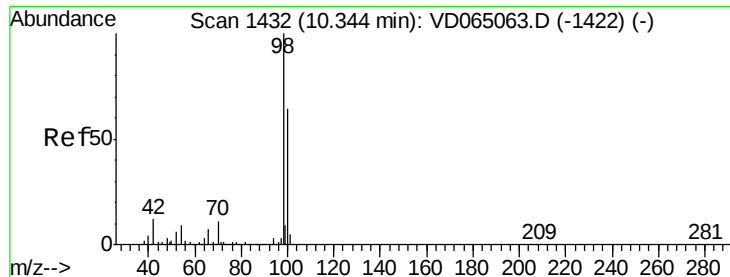


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

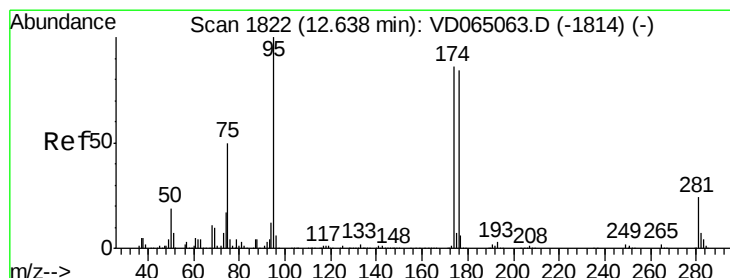
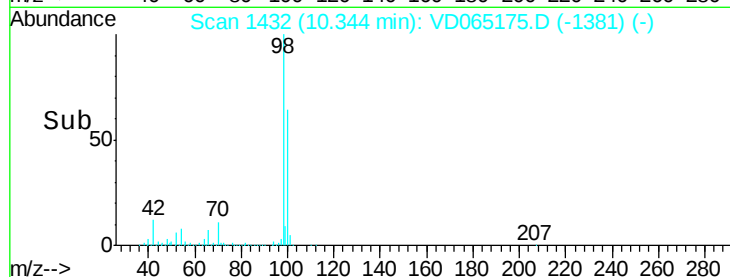
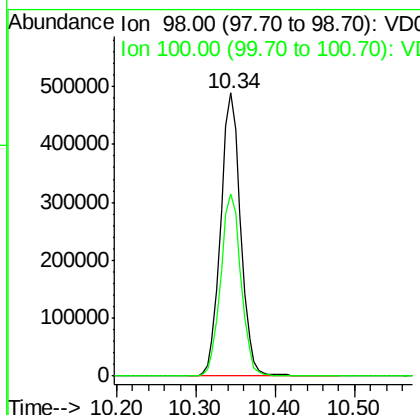
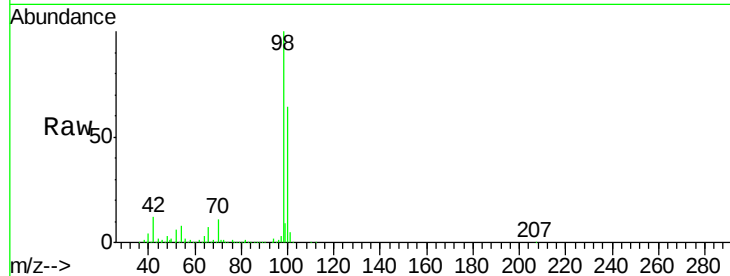




#50
Toluene-d8
Concen: 55.301 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

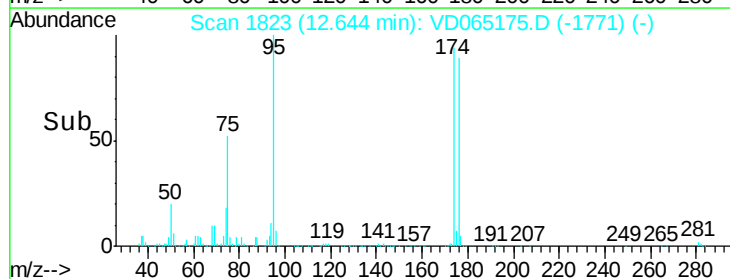
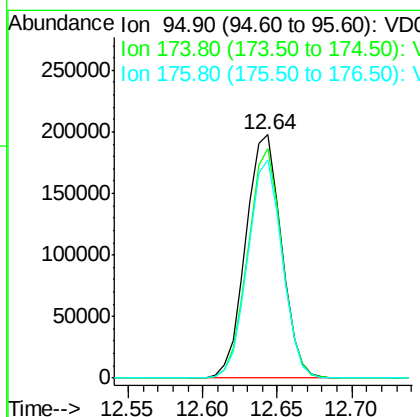
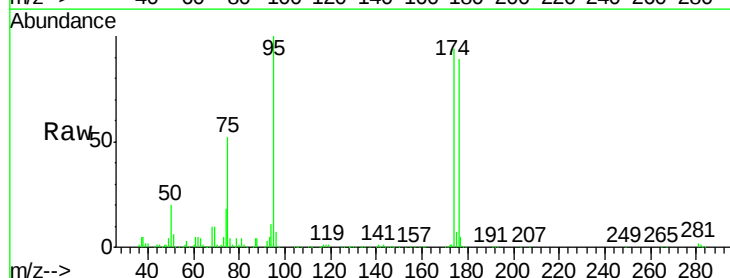
Instrument :
MSVOA_D
ClientSampled :
COMP-2

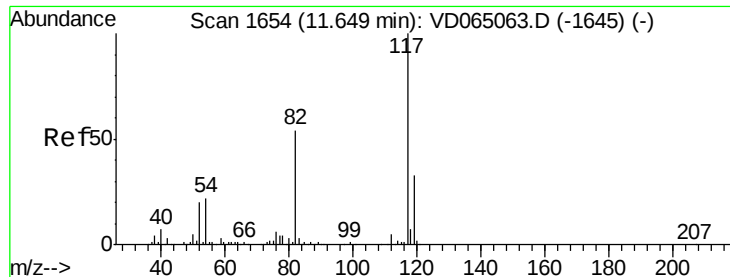
Tot Ion: 98 Resp: 854510
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 66.635 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

Tgt Ion: 95 Resp: 326255
Ion Ratio Lower Upper
95 100
174 90.4 0.0 180.0
176 86.6 0.0 173.2

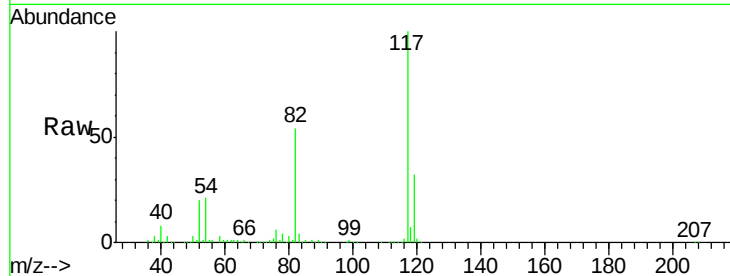




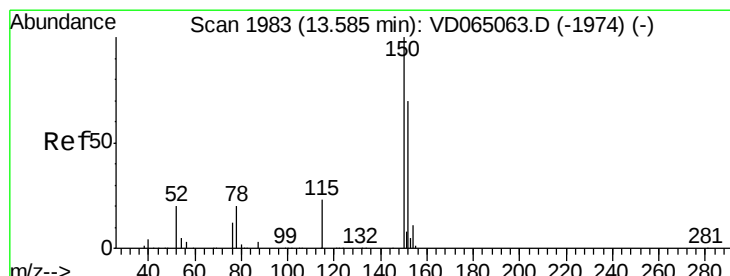
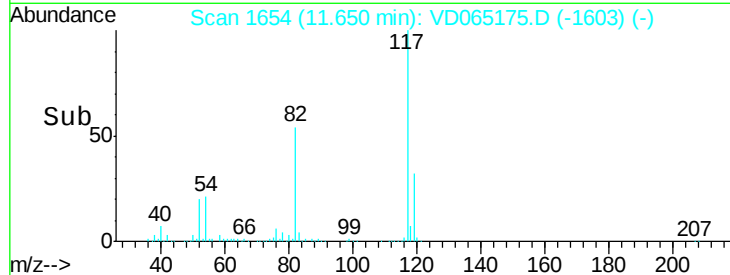
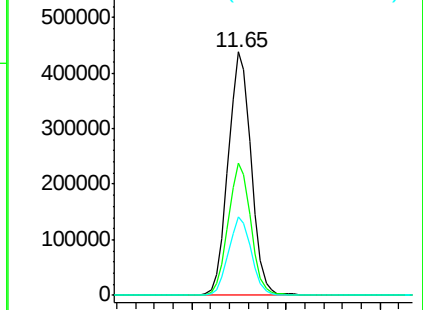
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
COMP-2

Tot Ion:117 Resp: 739930
Ion Ratio Lower Upper
117 100
82 54.3 43.1 64.7
119 32.2 26.0 39.0

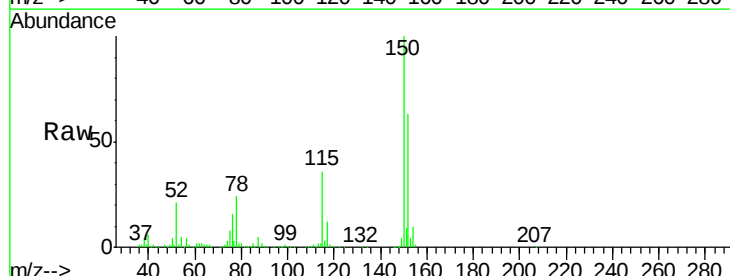


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065175.D
Acq: 13 Feb 2020 13:40

Tgt Ion:152 Resp: 373911
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.4
150 157.7 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

