

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065363.D
 Acq On : 28 Feb 2020 17:16
 Operator : VA/SY
 Sample : L1740-03RE
 Misc : 7.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-08-022720RE

Quant Time: Feb 28 22:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

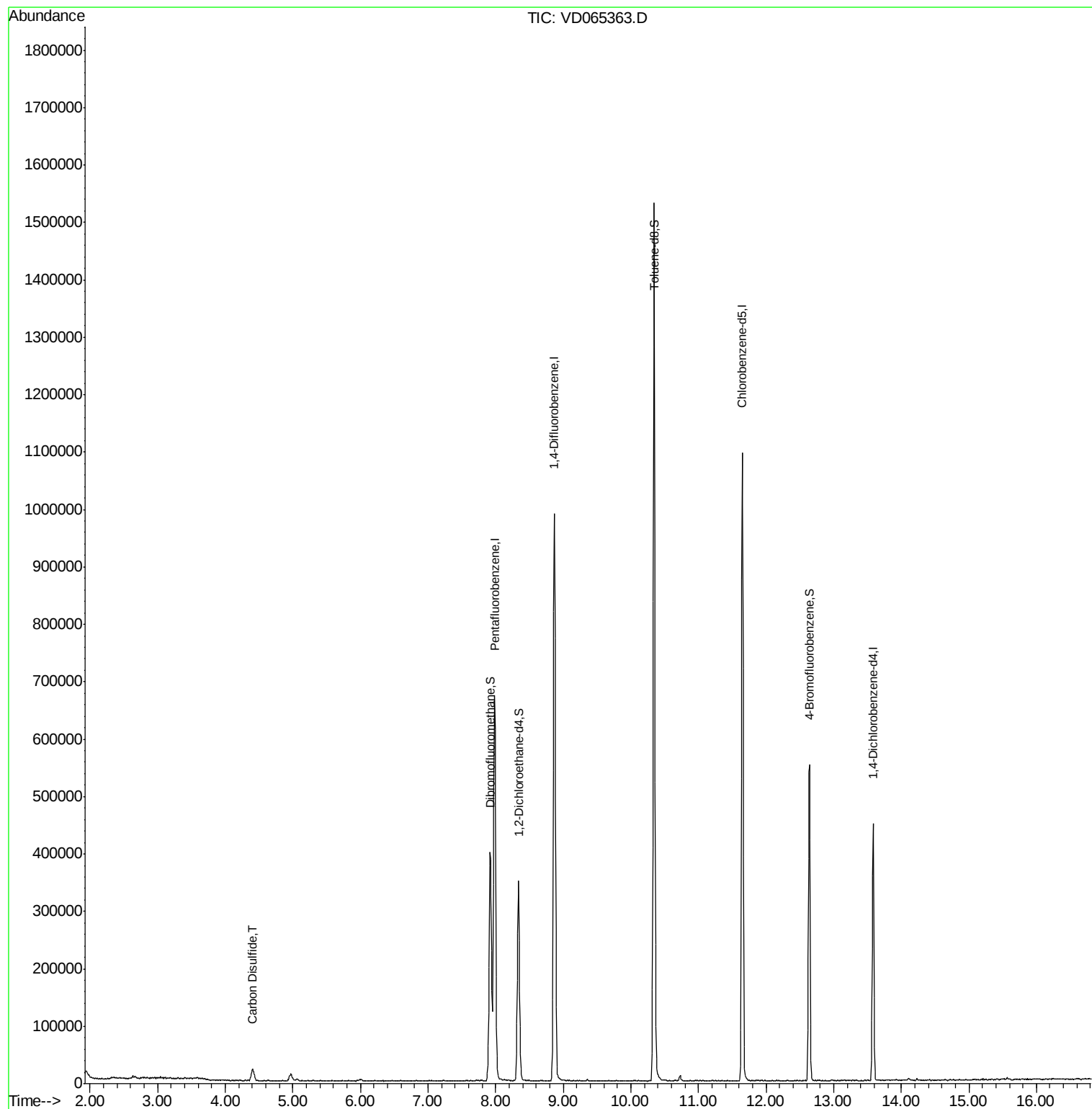
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	525904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	873550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	640965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	125994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	270661	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
35) Dibromofluoromethane	7.92	113	289201	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
50) Toluene-d8	10.34	98	1024532	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.64	95	180793	28.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.06%	
Target Compounds						
17) Carbon Disulfide	4.41	76	45671	2.794	ug/l	Qvalue 100

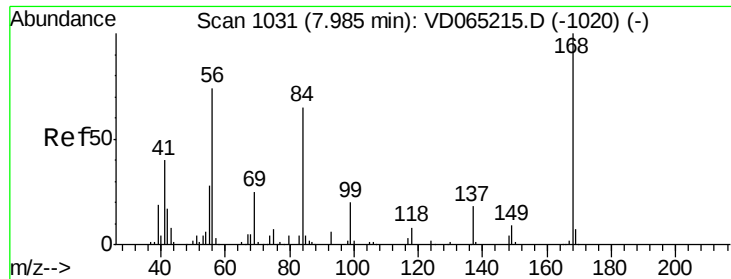
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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ClientSampleId :

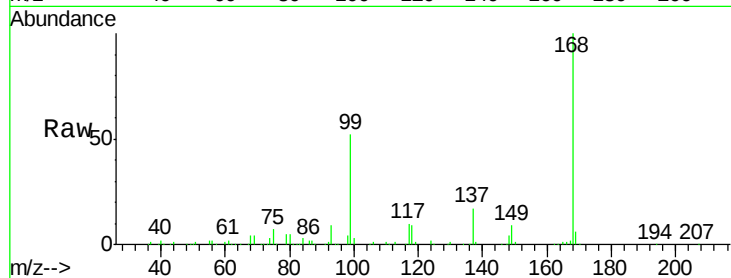
GP-08-022720RE

Tot Ion:168 Resp: 525904

Ion Ratio Lower Upper

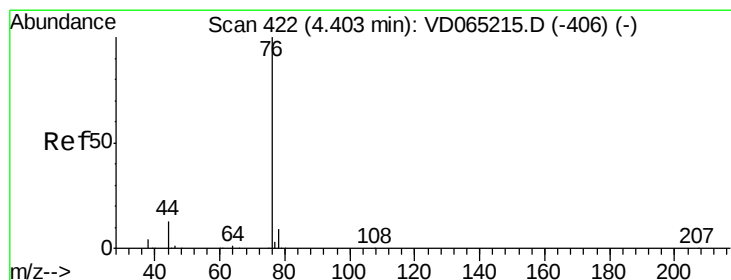
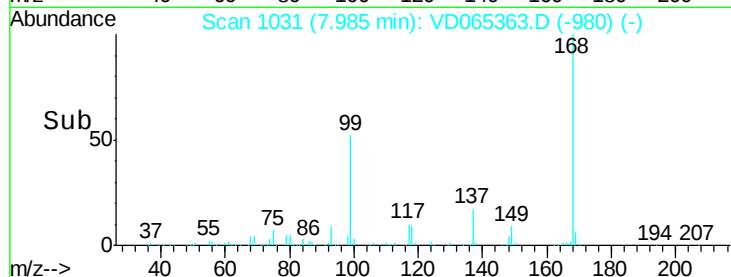
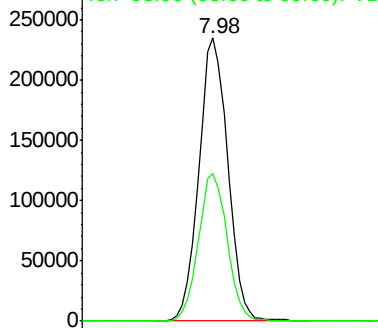
168 100

99 52.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 2.794 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.01 min

Lab File: VD065363.D

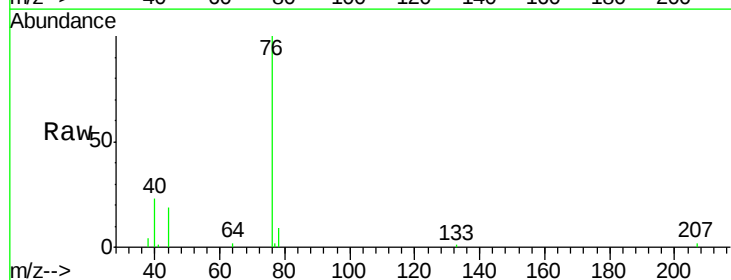
Acq: 28 Feb 2020 17:16

Tgt Ion: 76 Resp: 45671

Ion Ratio Lower Upper

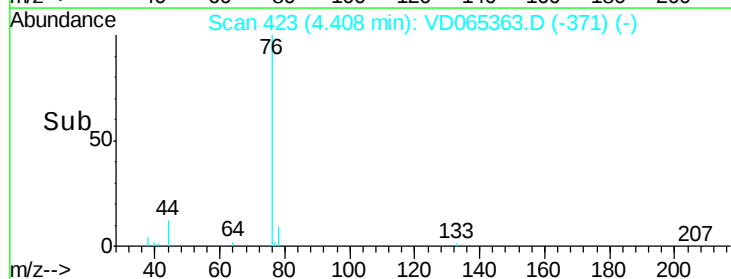
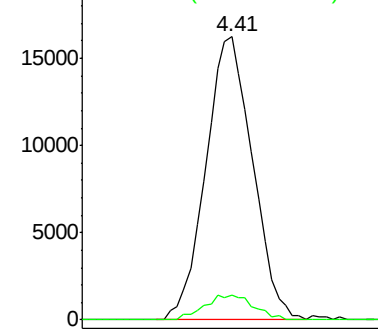
76 100

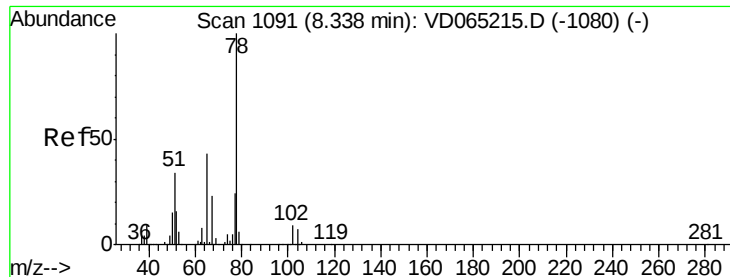
78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 57.209 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065363.D

Acq: 28 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

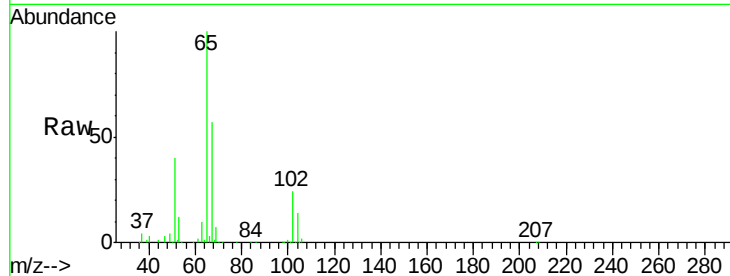
GP-08-022720RE

Tot Ion: 65 Resp: 270661

Ion Ratio Lower Upper

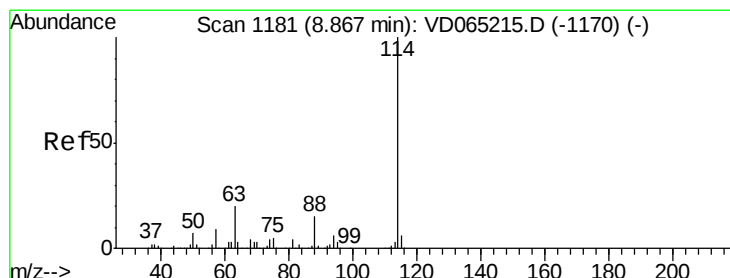
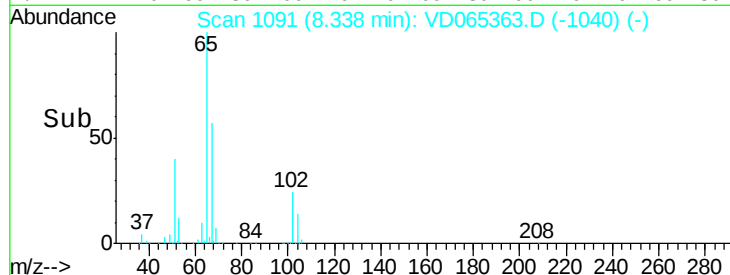
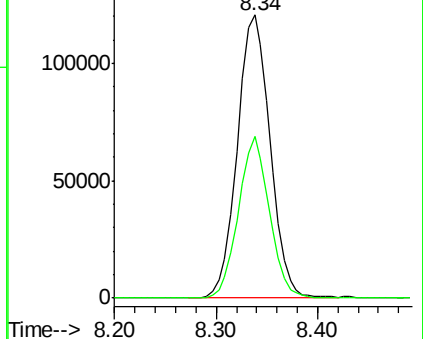
65 100

67 54.0 0.0 106.8



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: VD065363.D

Acq: 28 Feb 2020 17:16

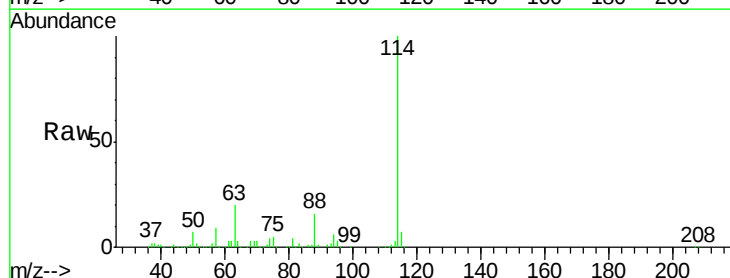
Tgt Ion: 114 Resp: 873550

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

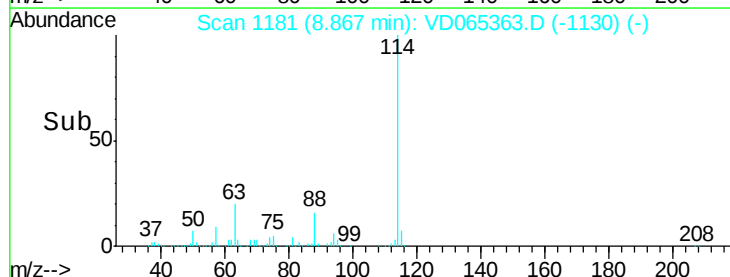
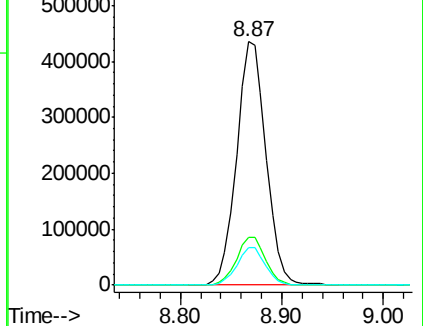
88 15.6 0.0 30.4

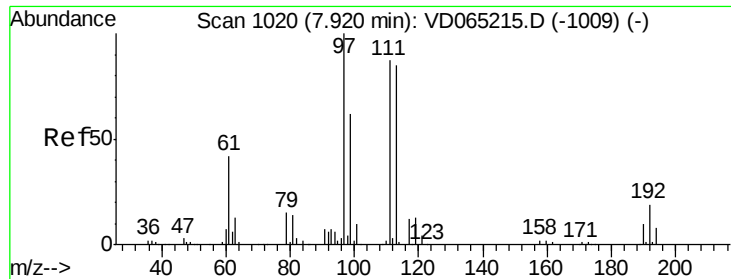


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

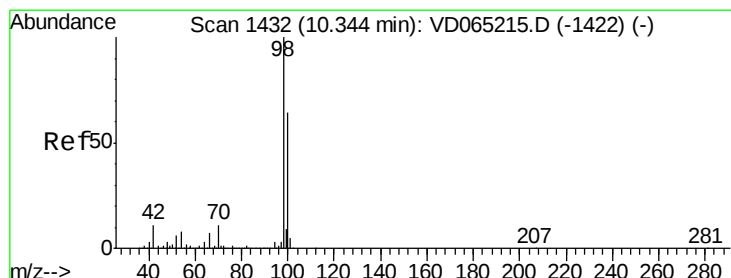
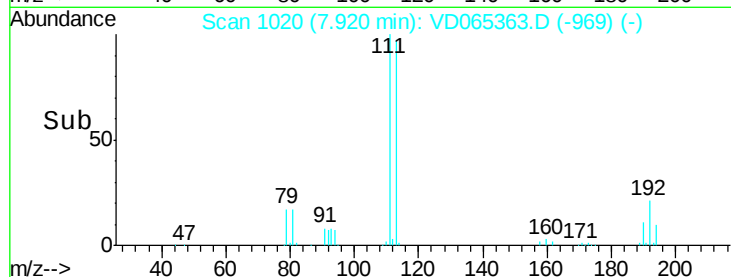
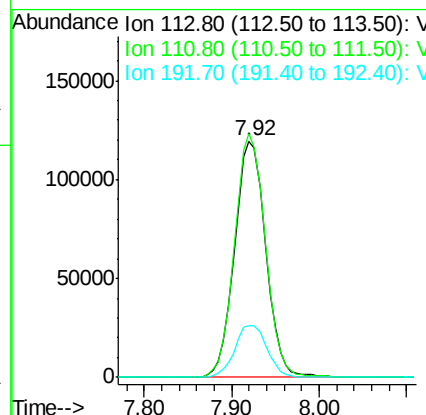
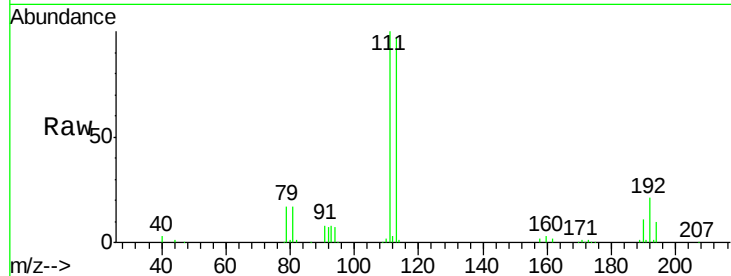




#35
 Dibromofluoromethane
 Concen: 54.296 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065363.D
 Acq: 28 Feb 2020 17:16

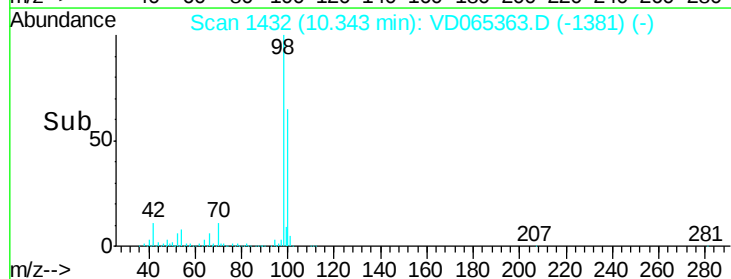
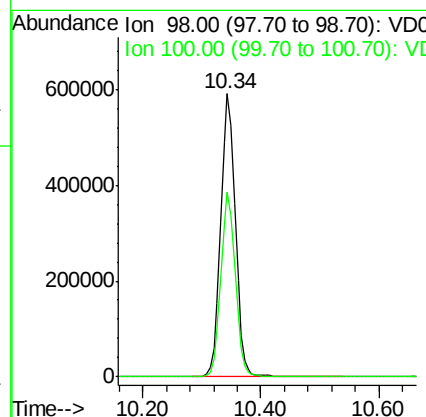
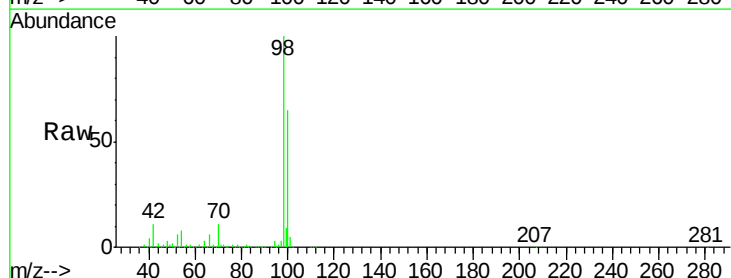
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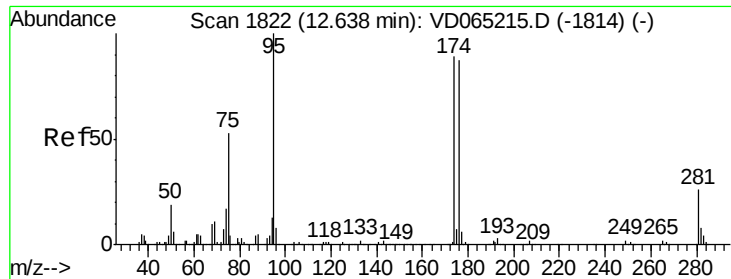
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	22.6	17.3	25.9



#50
 Toluene-d8
 Concen: 50.315 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065363.D
 Acq: 28 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

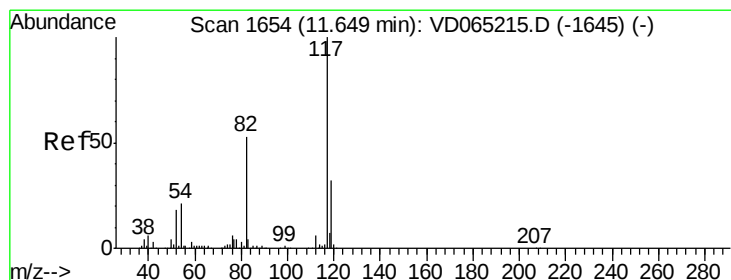
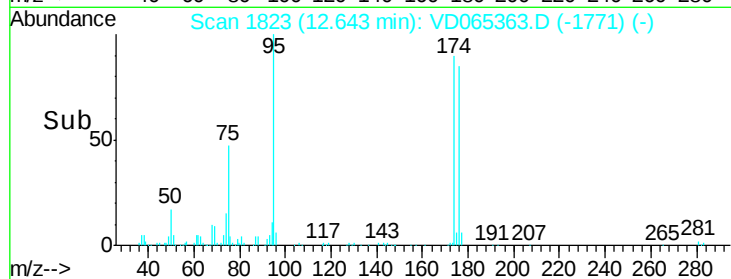
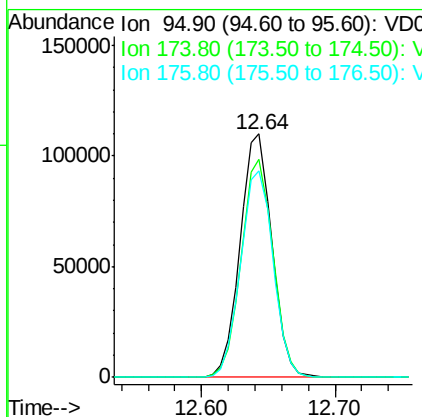
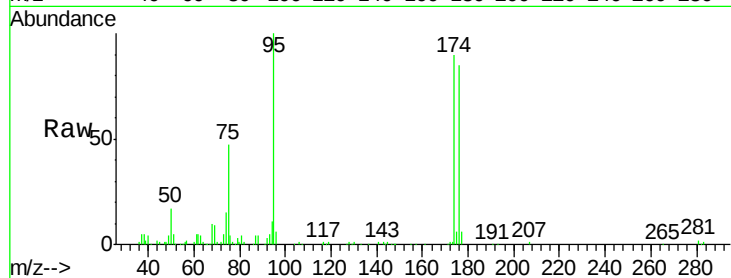




#62
4-Bromofluorobenzene
Concen: 28.027 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

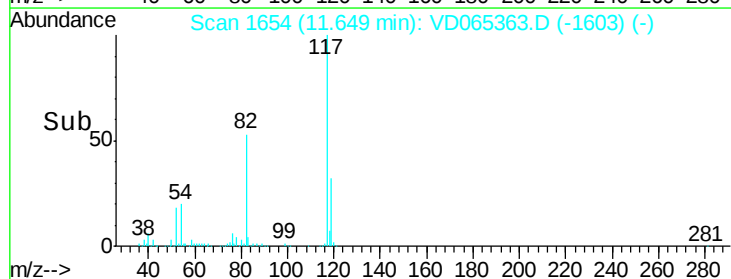
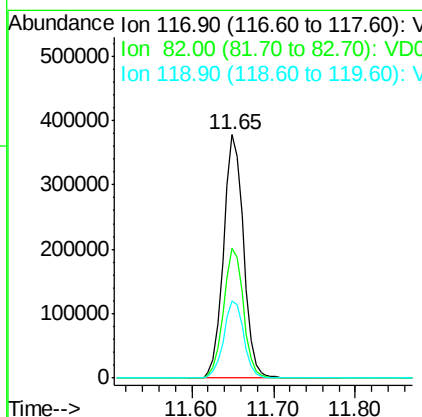
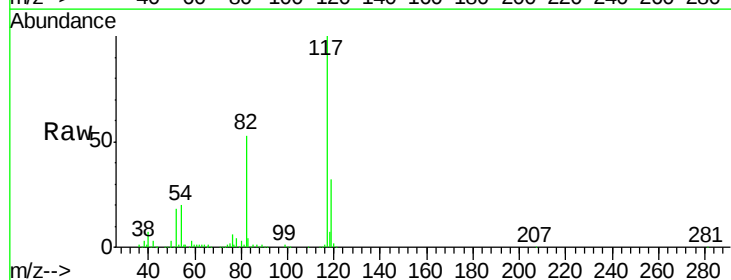
Instrument :
MSVOA_D
ClientSampleId :
GP-08-022720RE

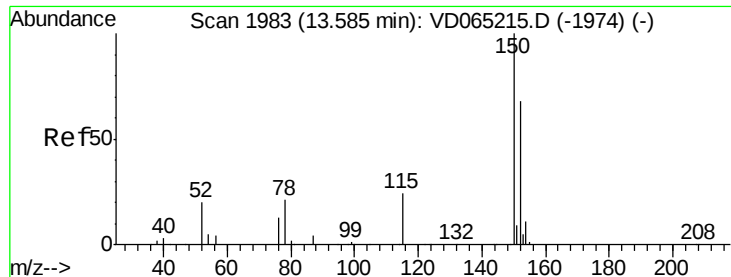
Tot Ion: 95 Resp: 180793
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.0
176 86.8 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065363.D
Acq: 28 Feb 2020 17:16

Tgt Ion: 117 Resp: 640965
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065363.D

Acq: 28 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

GP-08-022720RE

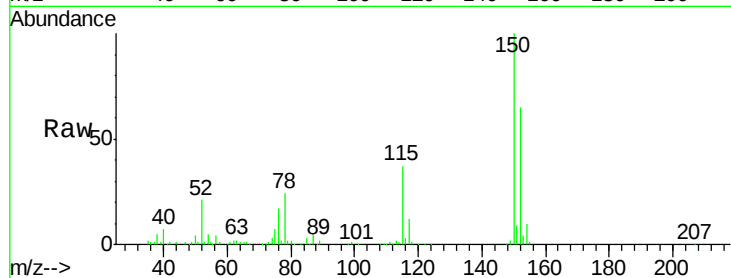
Tot Ion:152 Resp: 125994

Ion Ratio Lower Upper

152 100

115 56.6 27.6 82.8

150 158.7 0.0 347.4



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

