

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065281.D
 Acq On : 21 Feb 2020 17:57
 Operator : VA/SY
 Sample : L1635-09
 Misc : 5.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-TS006-01

Quant Time: Feb 22 03:07:43 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	7.99	168	536233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	895581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	784060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315551	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	283035	58.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.34%	
35) Dibromofluoromethane	7.92	113	290081	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.34	98	1078768	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.64	95	297195	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

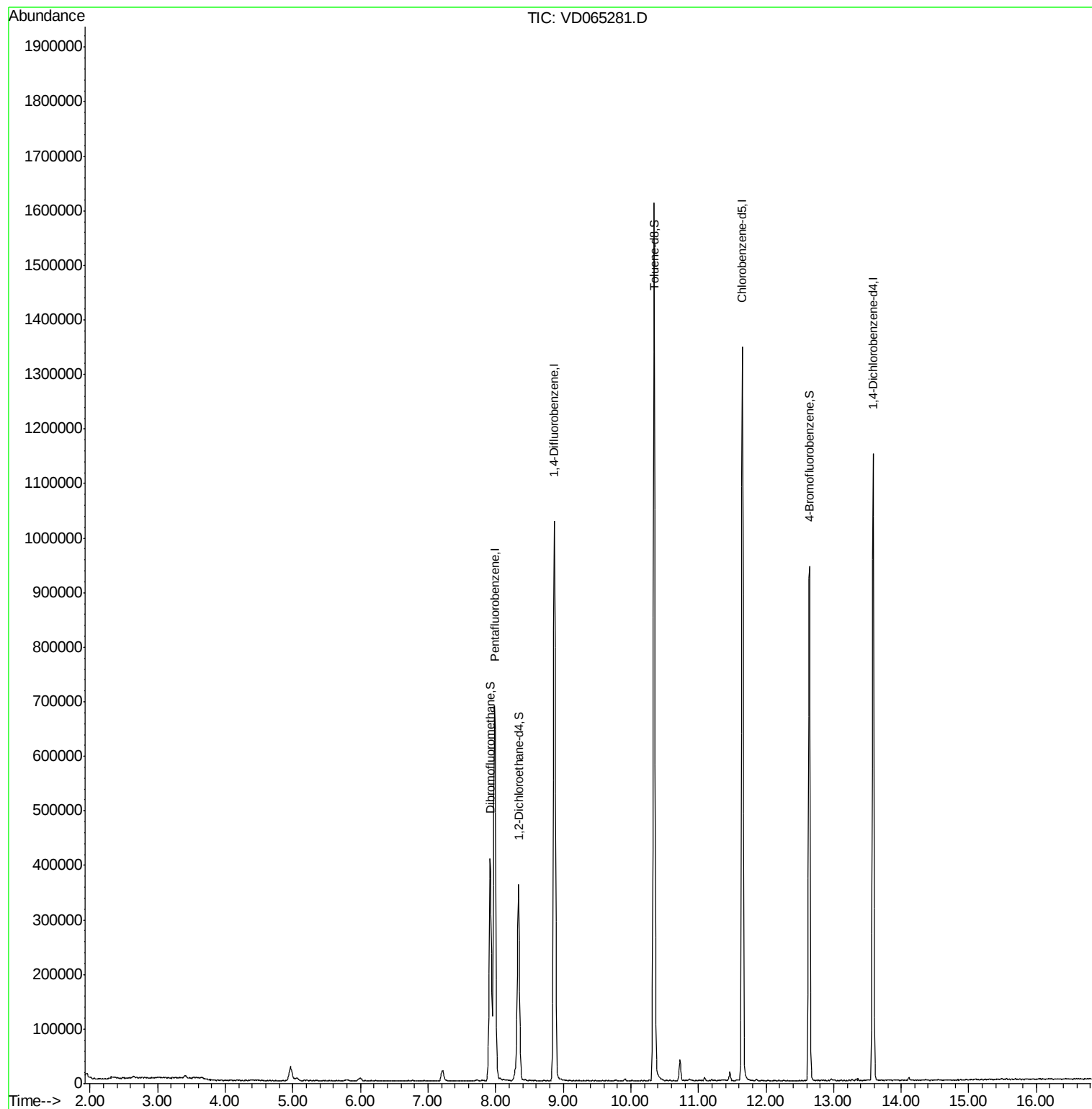
Target Compounds	Qvalue

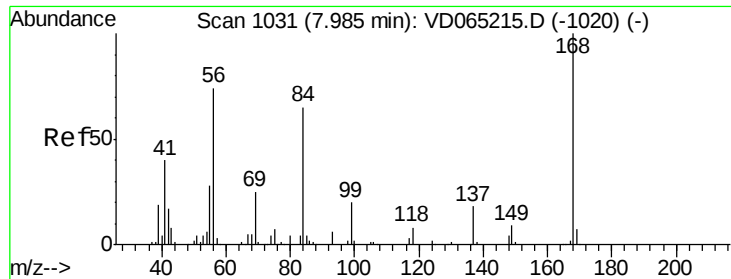
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065281.D

Acq: 21 Feb 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

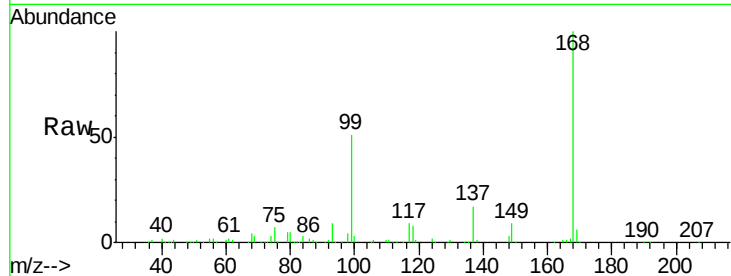
DUNR-TS006-01

Tot Ion:168 Resp: 536233

Ion Ratio Lower Upper

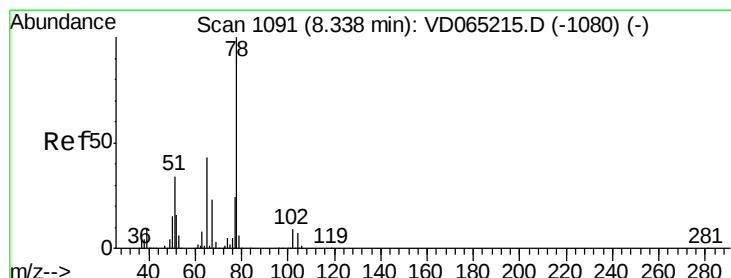
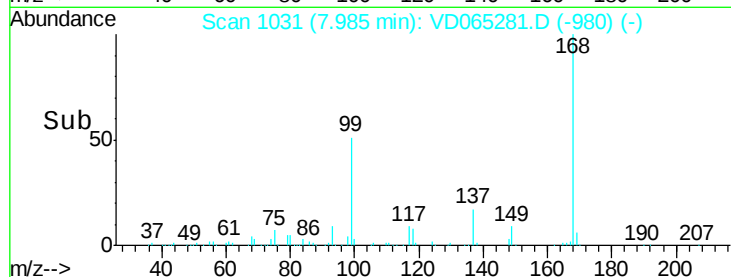
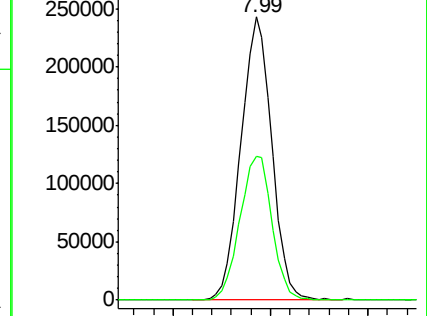
168 100

99 50.6 41.4 62.2



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: 58.672 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065281.D

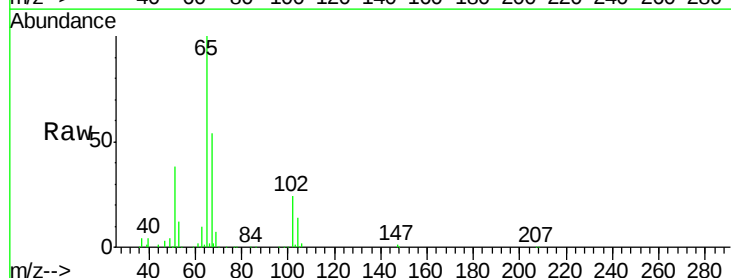
Acq: 21 Feb 2020 17:57

Tgt Ion: 65 Resp: 283035

Ion Ratio Lower Upper

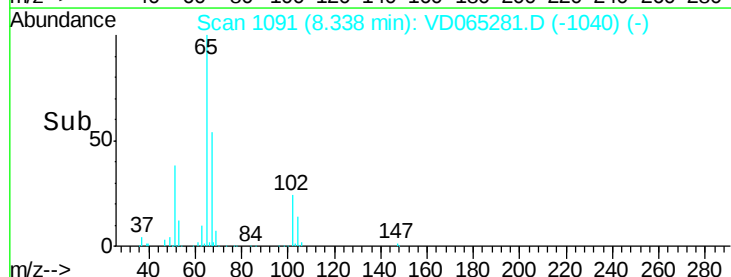
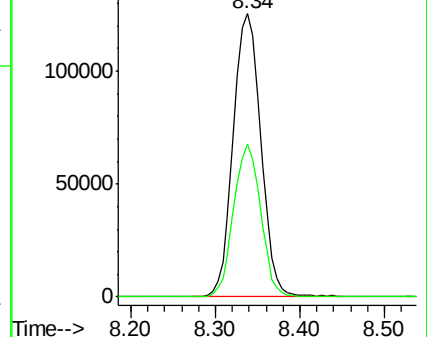
65 100

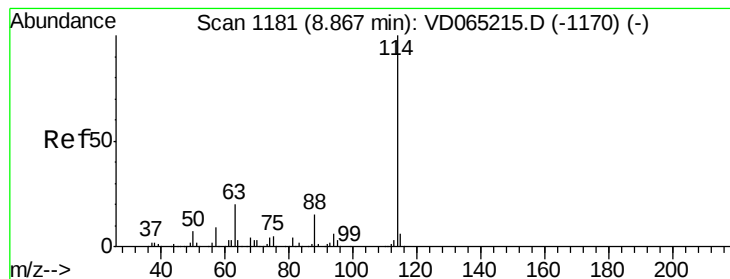
67 52.9 0.0 106.8



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: VD065281.D

Acq: 21 Feb 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

DUNR-TS006-01

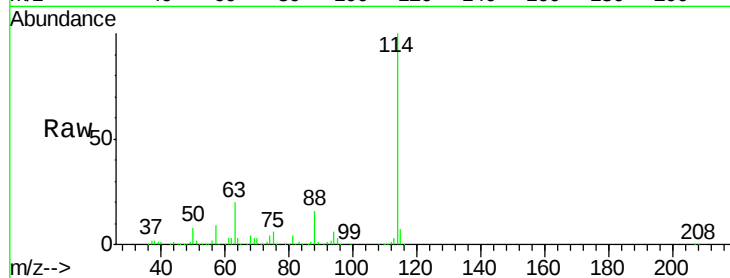
Tot Ion:114 Resp: 895581

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

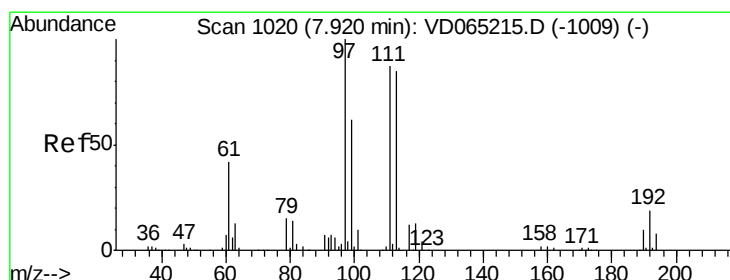
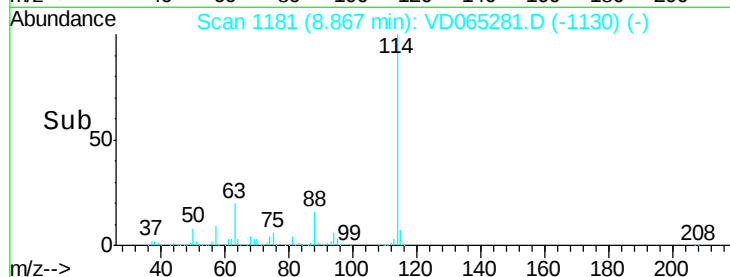
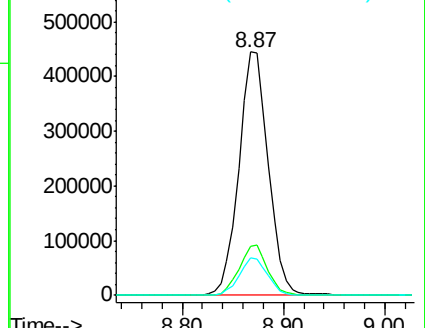
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 53.121 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065281.D

Acq: 21 Feb 2020 17:57

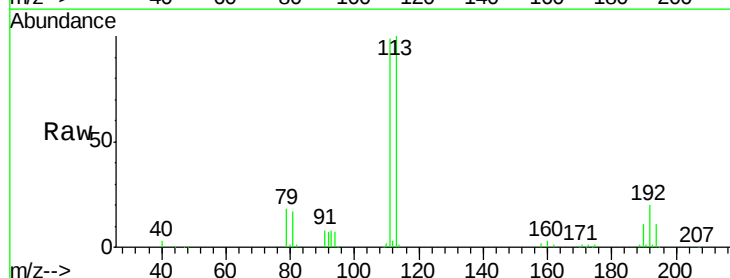
Tgt Ion:113 Resp: 290081

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

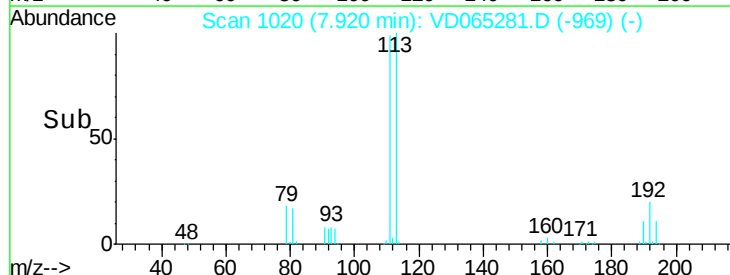
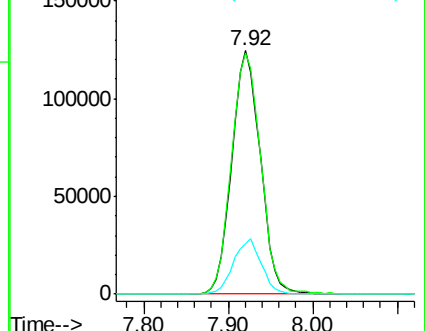
192 21.8 17.3 25.9



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

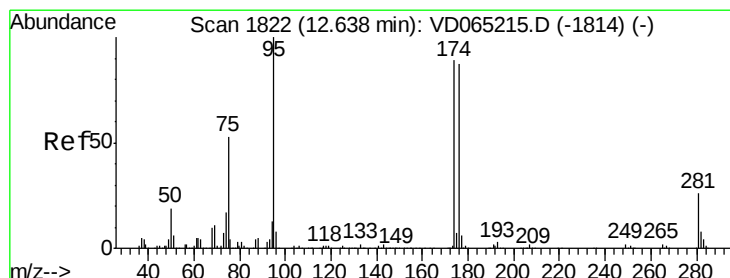
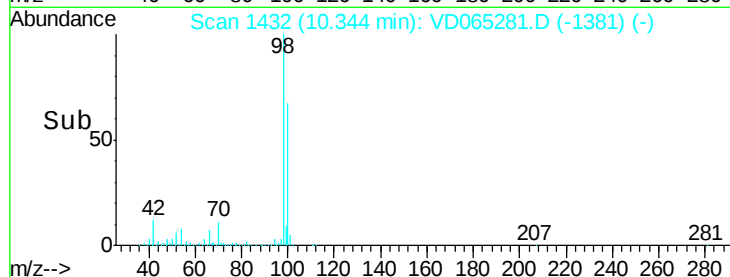
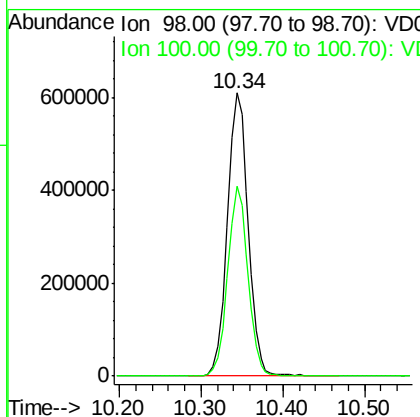
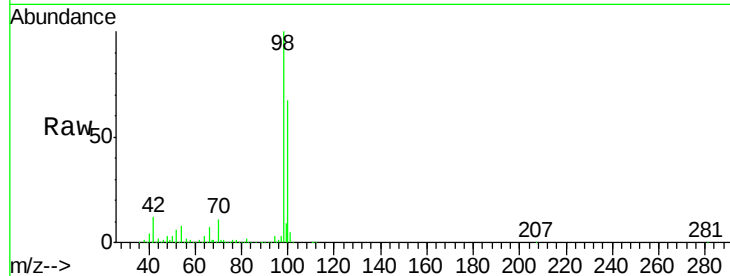




#50
Toluene-d8
Concen: 51.675 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

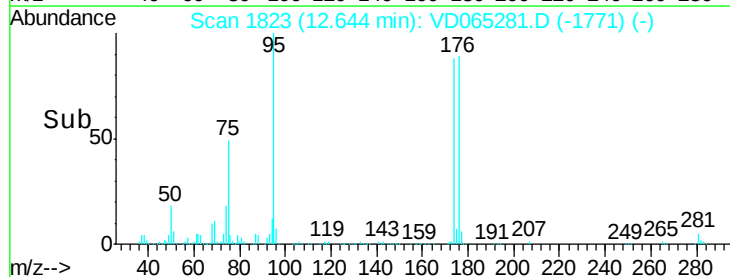
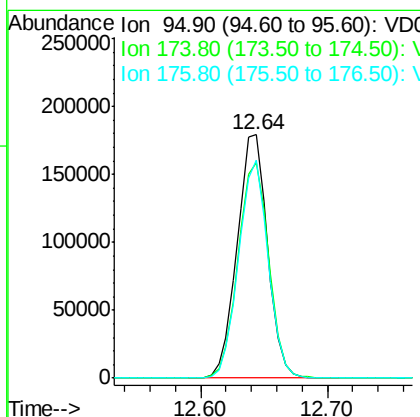
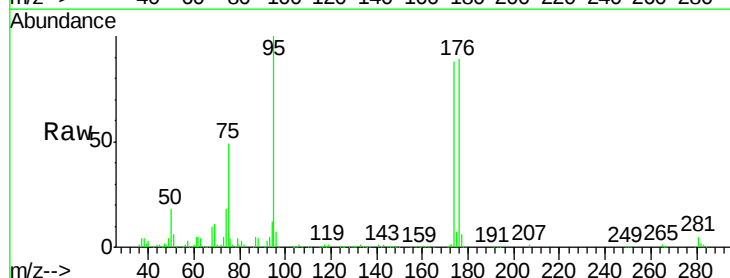
Instrument :
MSVOA_D
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DUNR-TS006-01

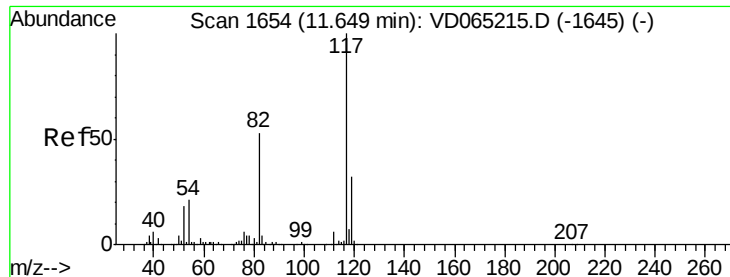
Tot Ion: 98 Resp: 1078768
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.939 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

Tgt Ion: 95 Resp: 297195
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.0
176 87.0 0.0 174.4

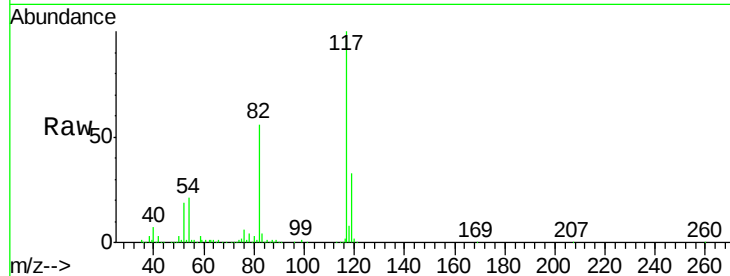




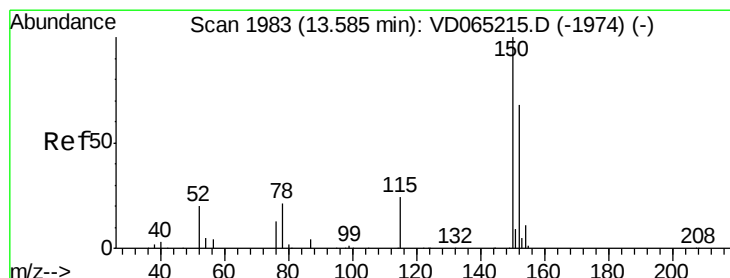
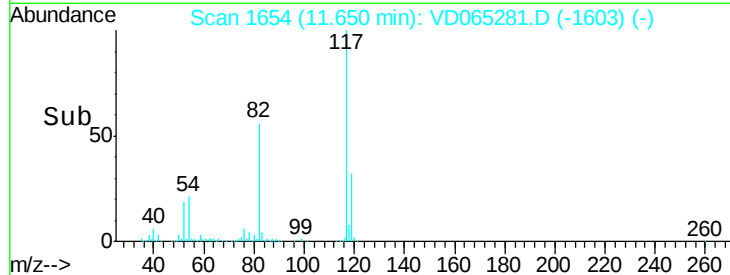
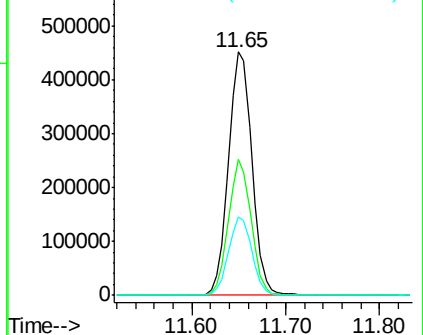
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

Instrument :
MSVOA_D
ClientSampleId :
DUNR-TS006-01

Tot Ion:117 Resp: 784060
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 32.5 25.5 38.3

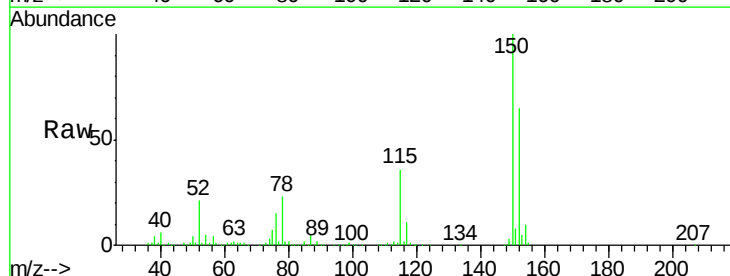


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065281.D
Acq: 21 Feb 2020 17:57

Tgt Ion:152 Resp: 315551
Ion Ratio Lower Upper
152 100
115 55.6 27.6 82.8
150 156.1 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

