

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065280.D
 Acq On : 21 Feb 2020 17:29
 Operator : VA/SY
 Sample : L1635-08
 Misc : 5.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-TS005-01

Quant Time: Feb 22 03:04:47 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	38000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	59605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	60243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	26564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	32061	93.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.58%	
35) Dibromofluoromethane	7.92	113	24673	67.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.78%	
50) Toluene-d8	10.34	98	72719	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.64	95	22222	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

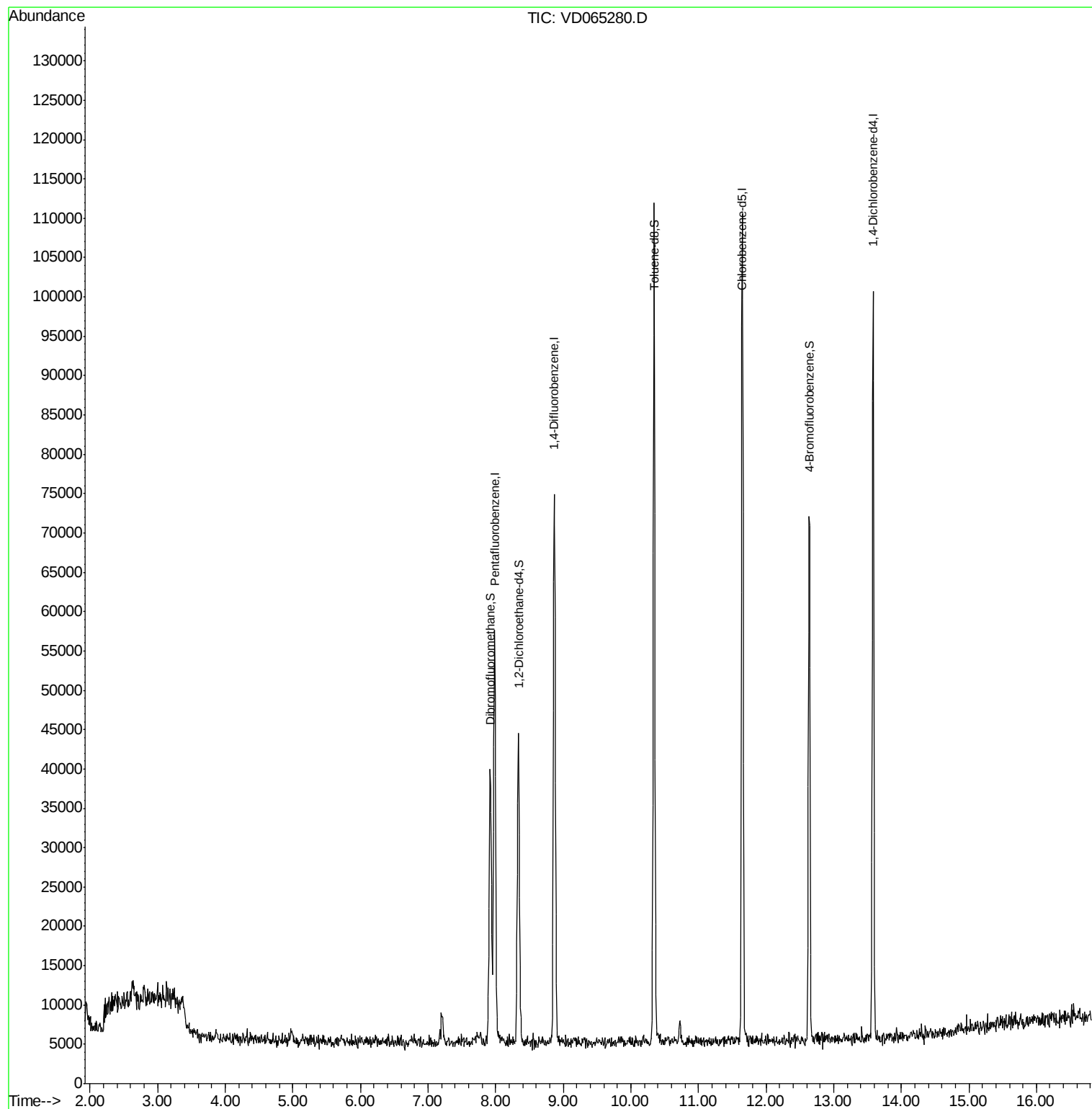
Target Compounds	Qvalue

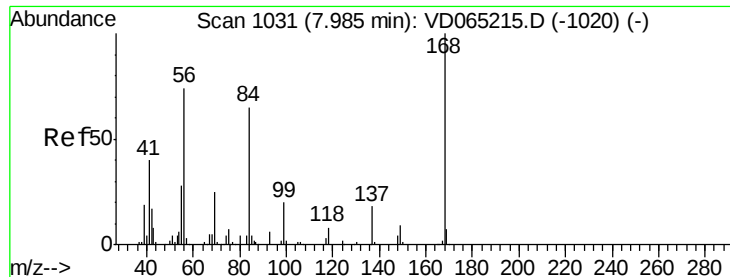
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022120\
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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: VD065280.D

Acq: 21 Feb 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

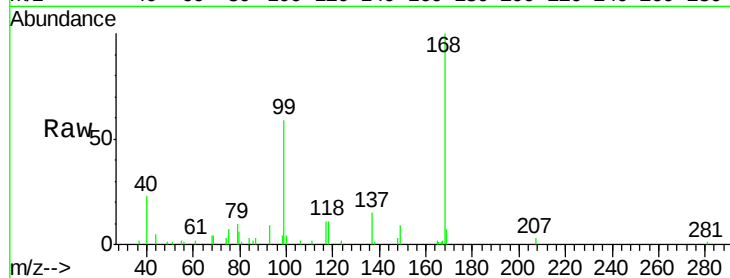
DUNR-TS005-01

Tot Ion:168 Resp: 38000

Ion Ratio Lower Upper

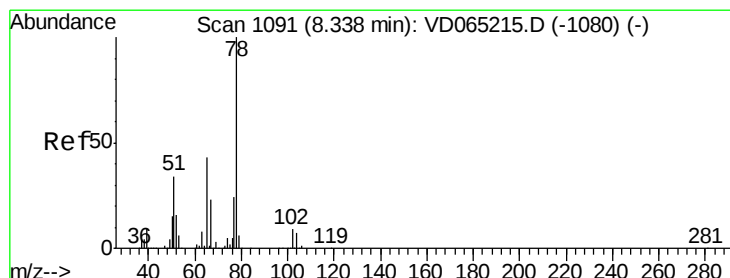
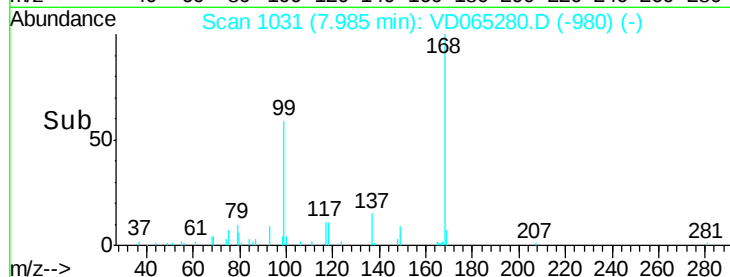
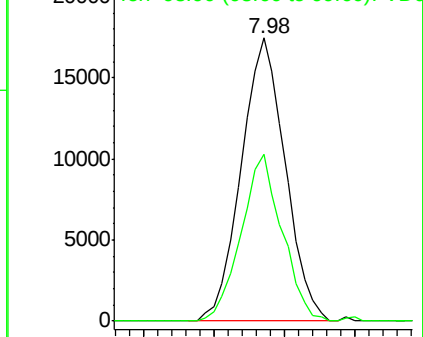
168 100

99 58.8 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: 93.786 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065280.D

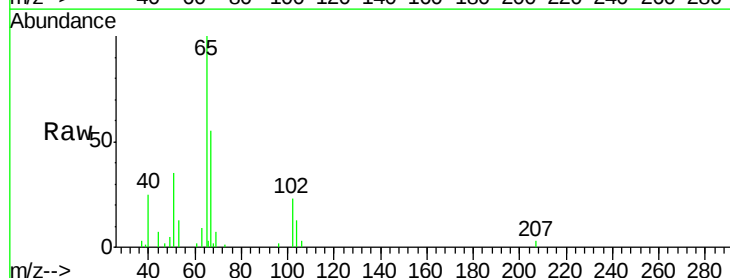
Acq: 21 Feb 2020 17:29

Tgt Ion: 65 Resp: 32061

Ion Ratio Lower Upper

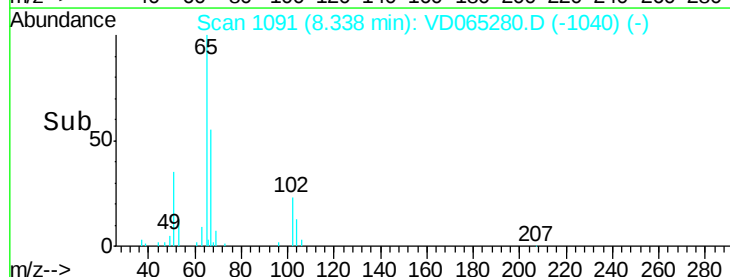
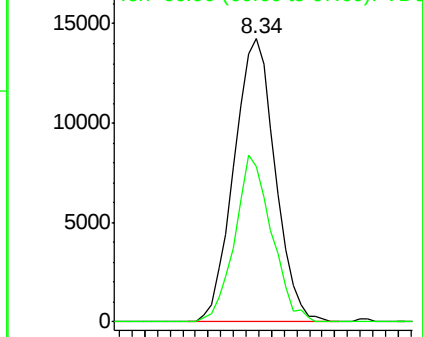
65 100

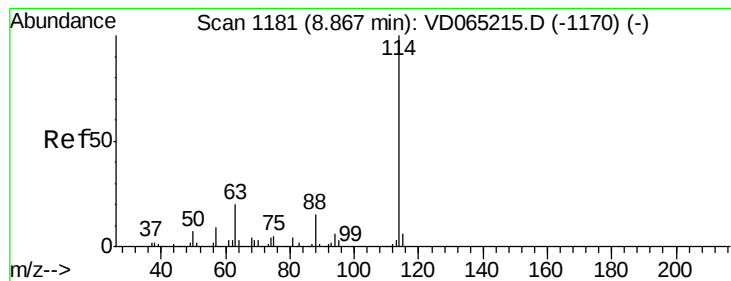
67 52.5 0.0 106.8



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# 1182

Delta R.T. 0.01 min

Lab File: VD065280.D

Acq: 21 Feb 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

DUNR-TS005-01

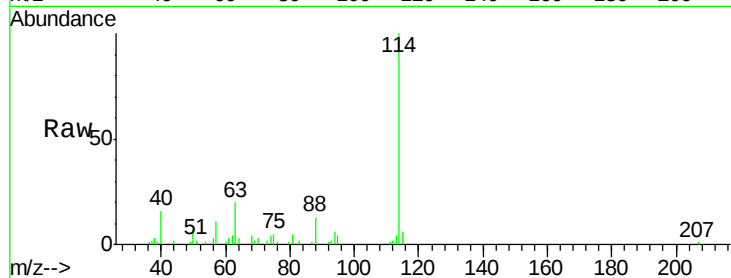
Tot Ion:114 Resp: 59605

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

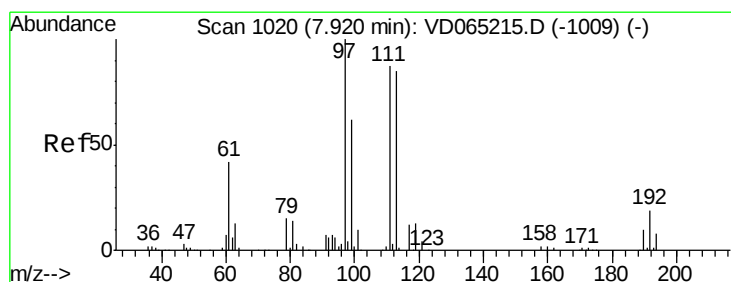
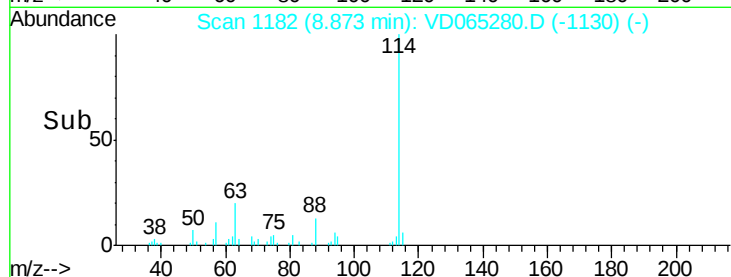
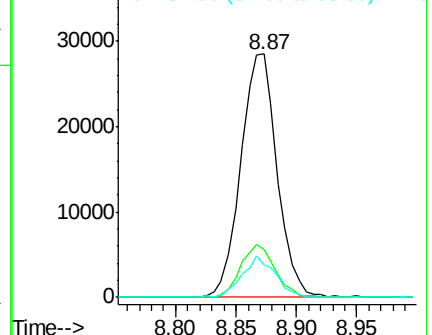
88 13.2 0.0 30.4



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: 67.888 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065280.D

Acq: 21 Feb 2020 17:29

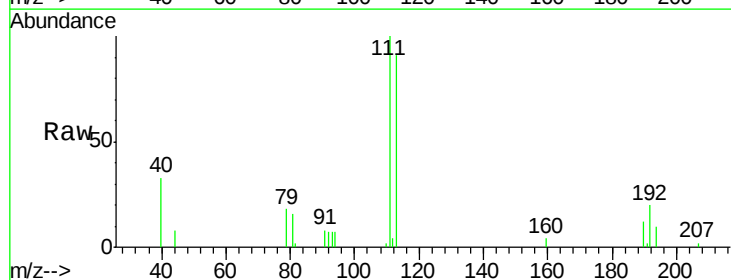
Tgt Ion:113 Resp: 24673

Ion Ratio Lower Upper

113 100

111 108.1 82.9 124.3

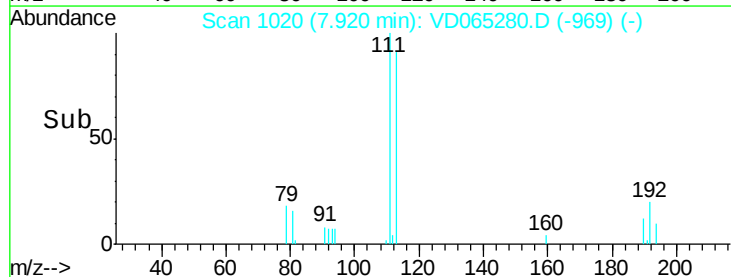
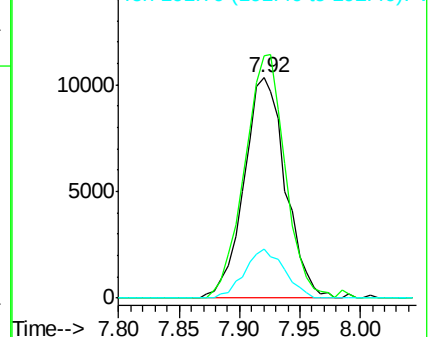
192 21.4 17.3 25.9

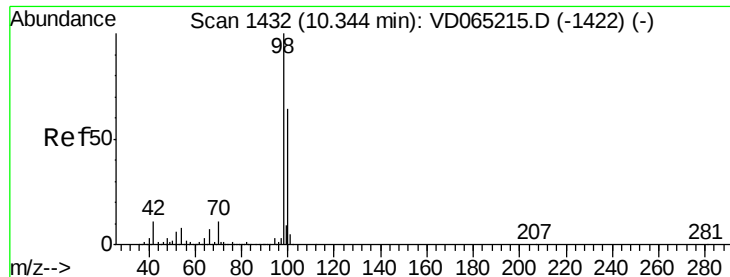


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.339 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065280.D

Acq: 21 Feb 2020 17:29

Instrument :

MSVOA_D

ClientSampleId :

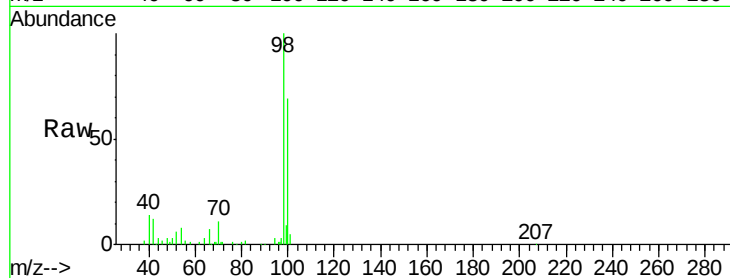
DUNR-TS005-01

Tot Ion: 98 Resp: 72719

Ion Ratio Lower Upper

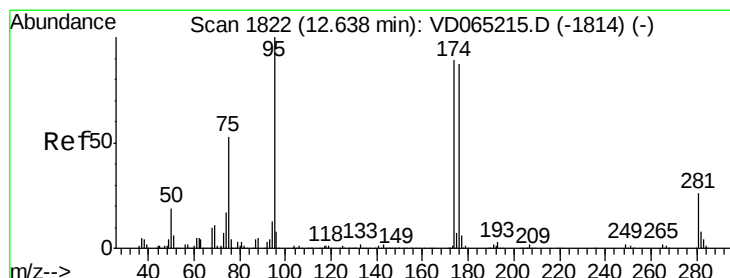
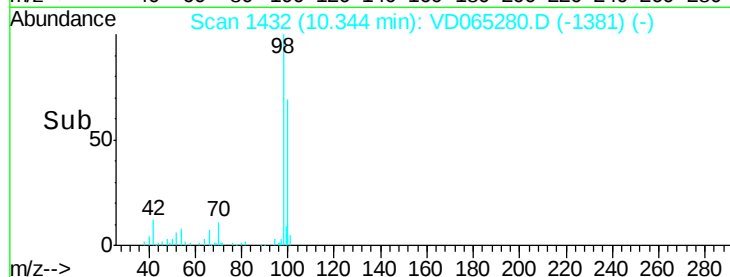
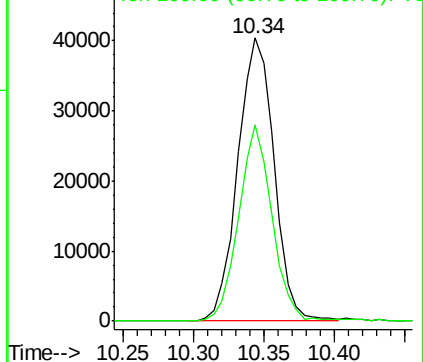
98 100

100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 50.488 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065280.D

Acq: 21 Feb 2020 17:29

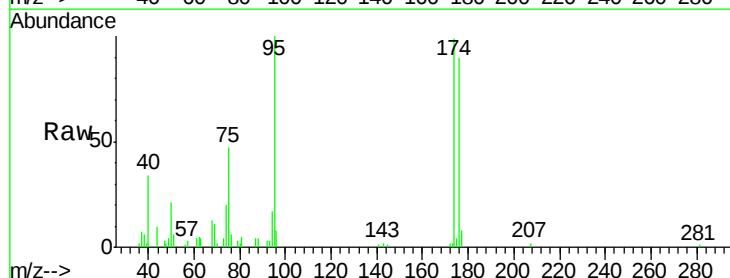
Tgt Ion: 95 Resp: 22222

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.0

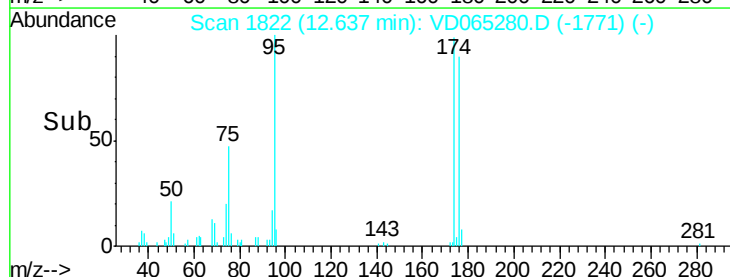
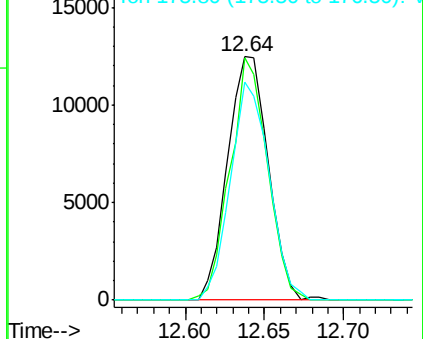
176 85.2 0.0 174.4

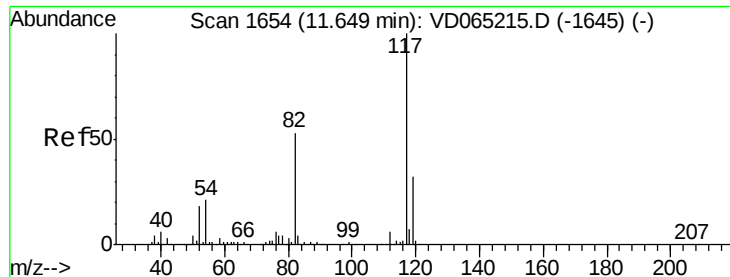


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

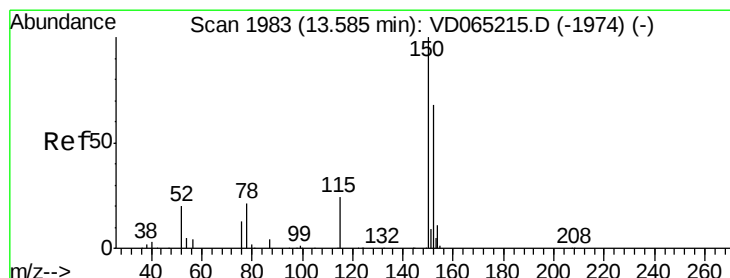
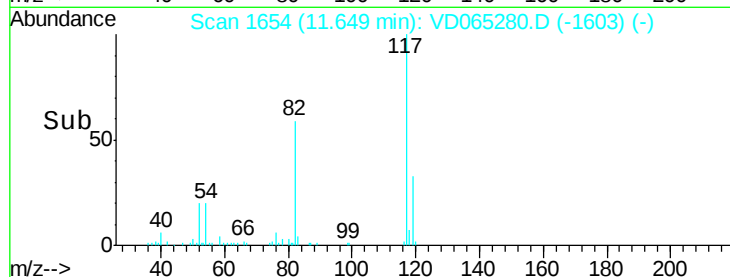
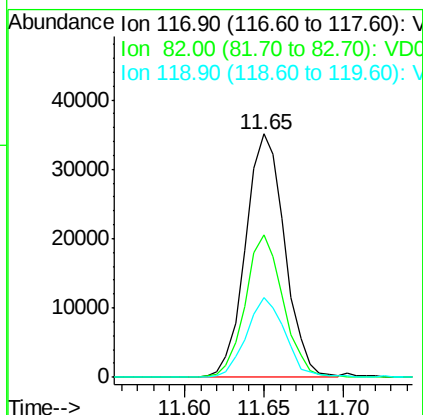
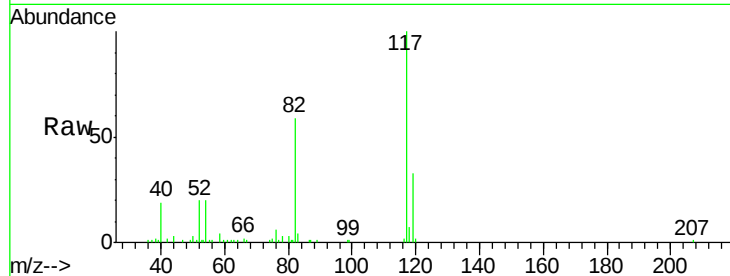




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065280.D
Acq: 21 Feb 2020 17:29

Instrument :
MSVOA_D
ClientSampleId :
DUNR-TS005-01

Tot Ion:117 Resp: 60243
Ion Ratio Lower Upper
117 100
82 58.6 42.7 64.1
119 32.8 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: VD065280.D
Acq: 21 Feb 2020 17:29

Tgt Ion:152 Resp: 26564
Ion Ratio Lower Upper
152 100
115 55.4 27.6 82.8
150 152.8 0.0 347.4

