

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065278.D
 Acq On : 21 Feb 2020 16:31
 Operator : VA/SY
 Sample : L1635-06
 Misc : 6.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-TS003-01

Quant Time: Feb 22 02:58:04 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	587368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	962326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	824753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	312528	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	291717	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	7.92	113	305469	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	10.34	98	1154340	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.64	95	312658	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	

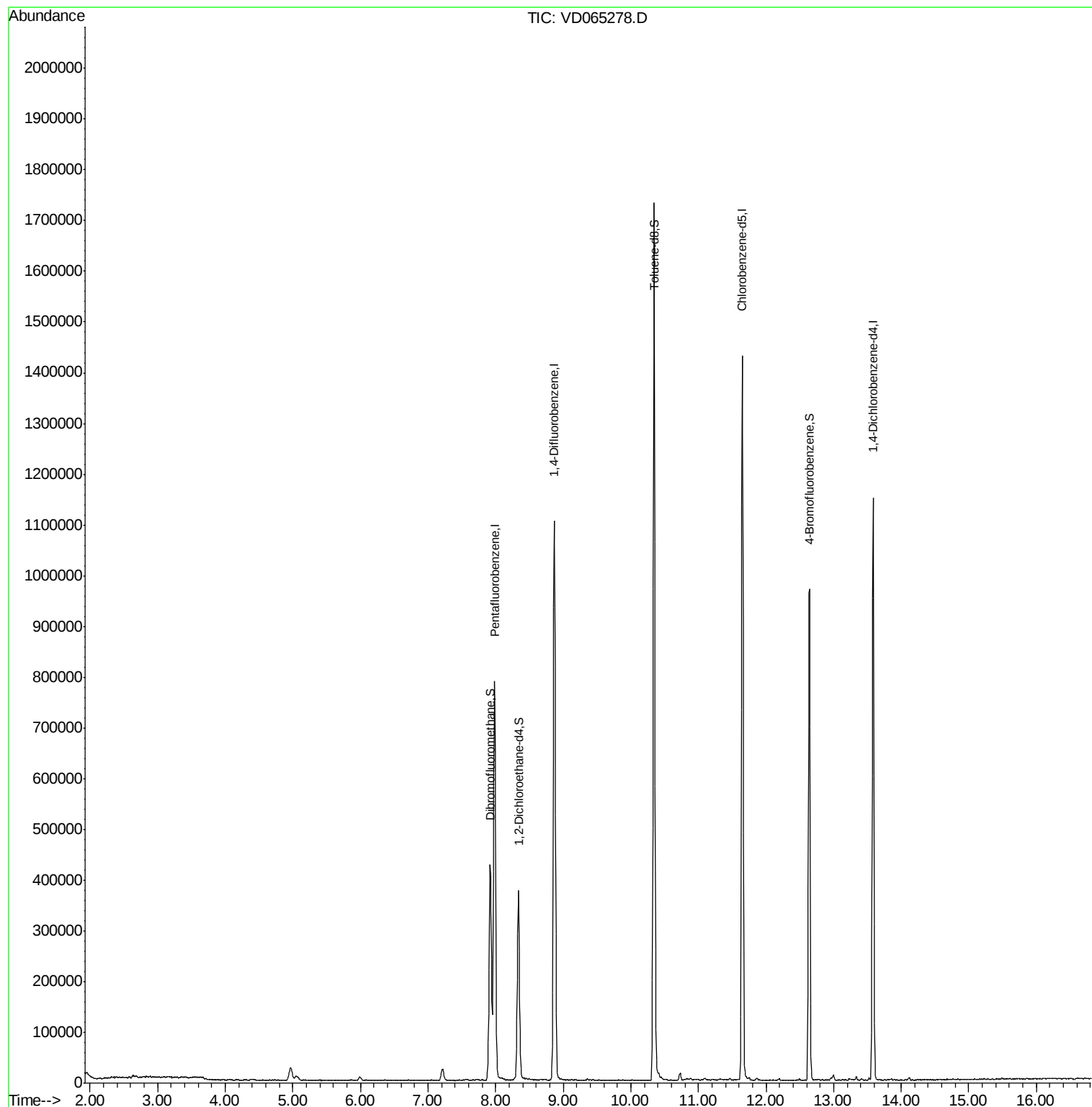
Target Compounds	Qvalue

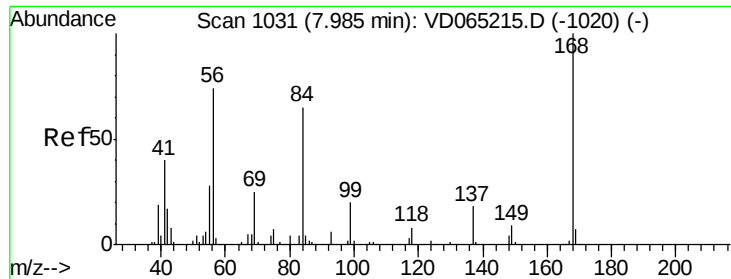
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065278.D

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Instrument :

MSVOA_D

ClientSampleId :

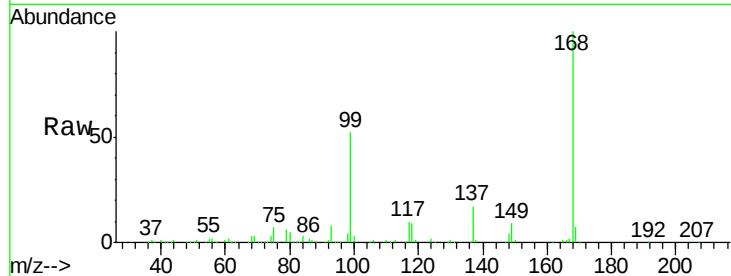
DUNR-TS003-01

Tot Ion:168 Resp: 587368

Ion Ratio Lower Upper

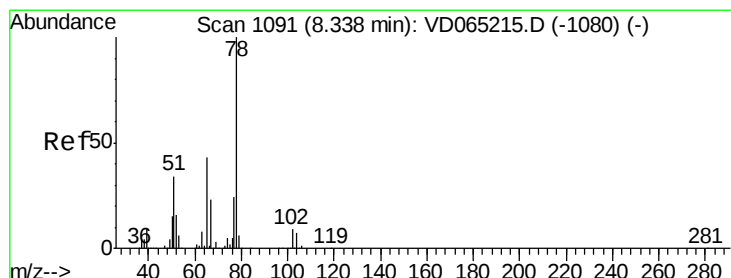
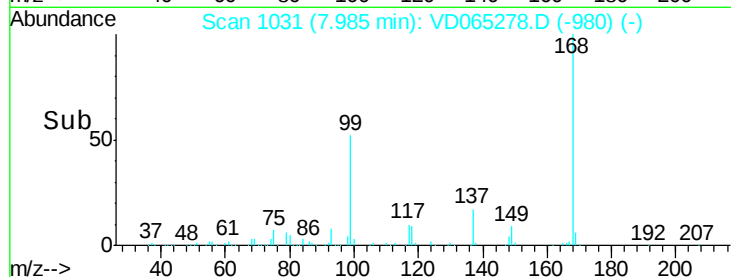
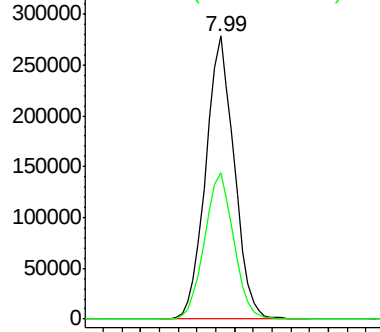
168 100

99 51.5 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: 55.207 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065278.D

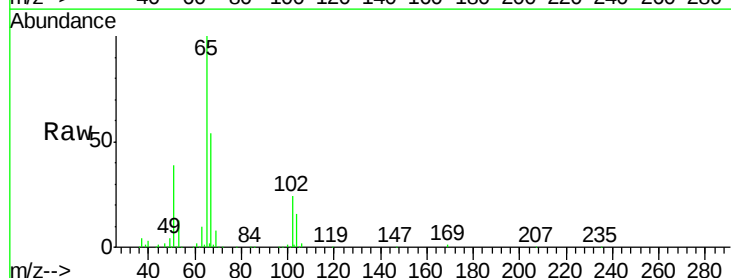
Acq: 21 Feb 2020 16:31

Tgt Ion: 65 Resp: 291717

Ion Ratio Lower Upper

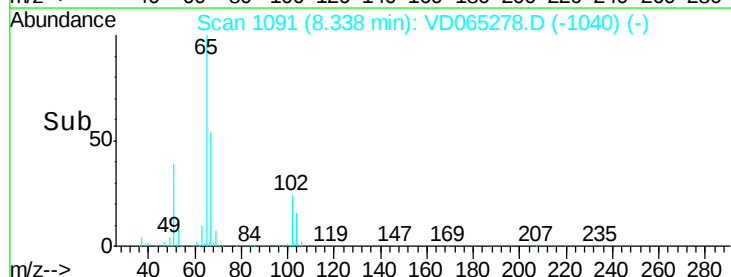
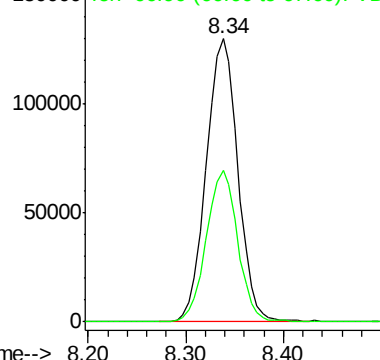
65 100

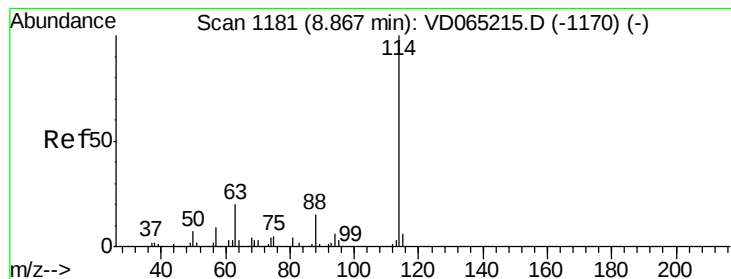
67 53.1 0.0 106.8



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: VD065278.D

Acq: 21 Feb 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

DUNR-TS003-01

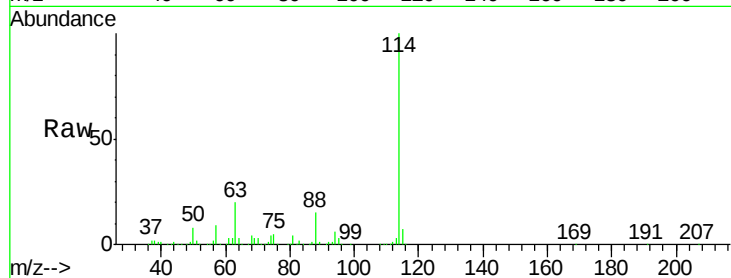
Tot Ion:114 Resp: 962326

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

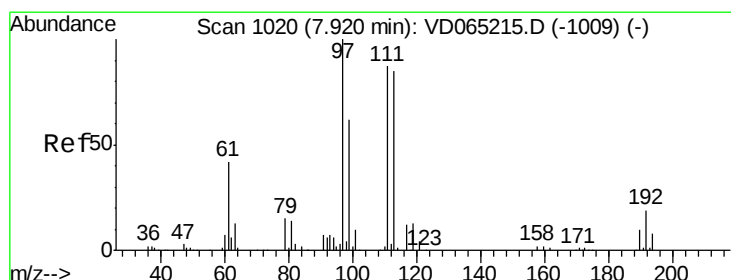
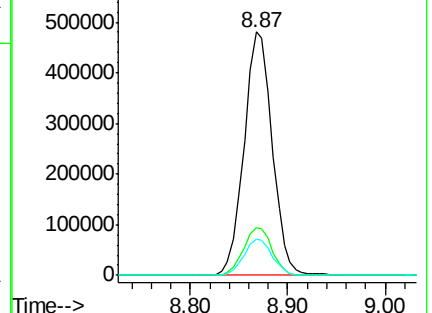
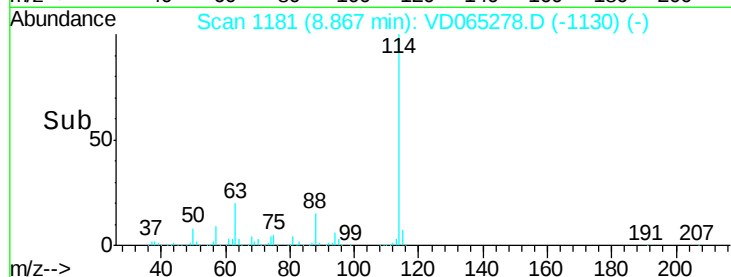
88 15.1 0.0 30.4



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: 52.059 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065278.D

Acq: 21 Feb 2020 16:31

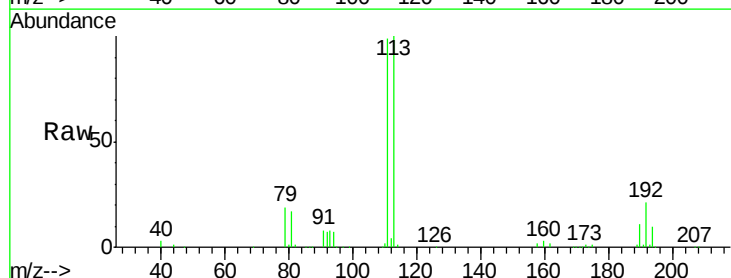
Tgt Ion:113 Resp: 305469

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

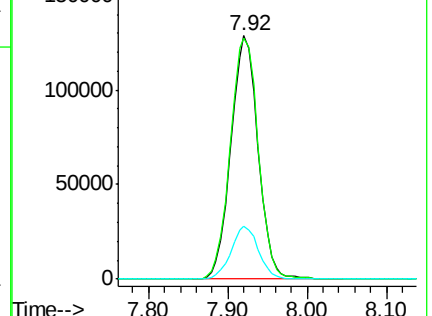
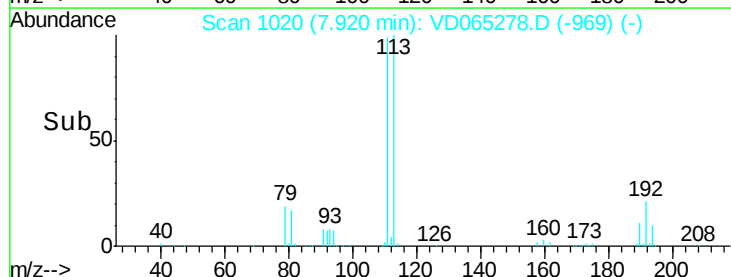
192 21.8 17.3 25.9



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

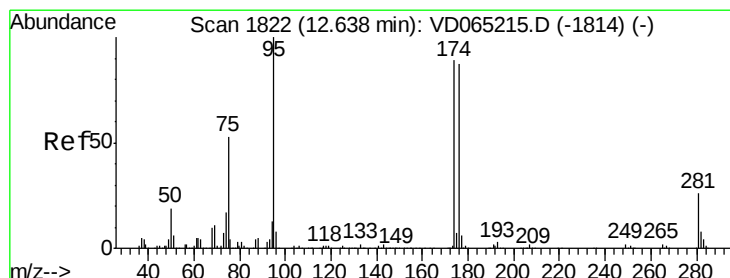
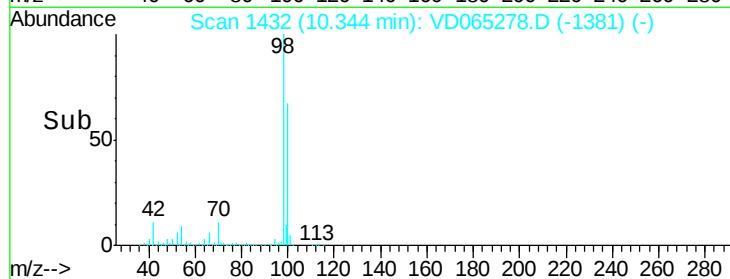
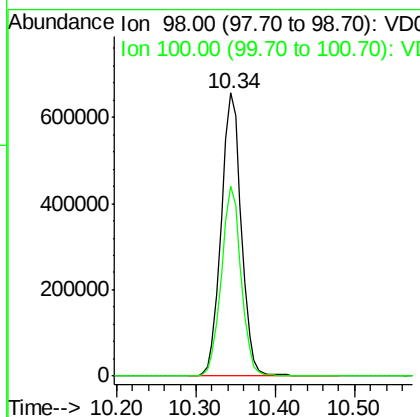
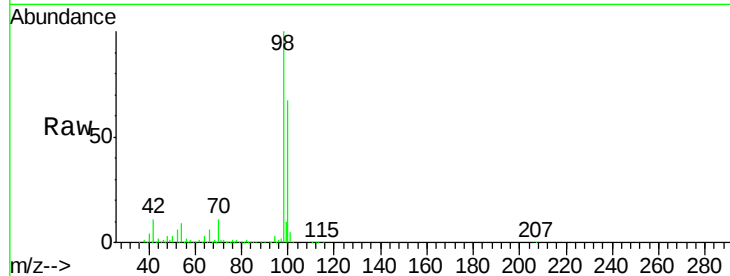




#50
Toluene-d8
Concen: 51.460 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065278.D
Acq: 21 Feb 2020 16:31

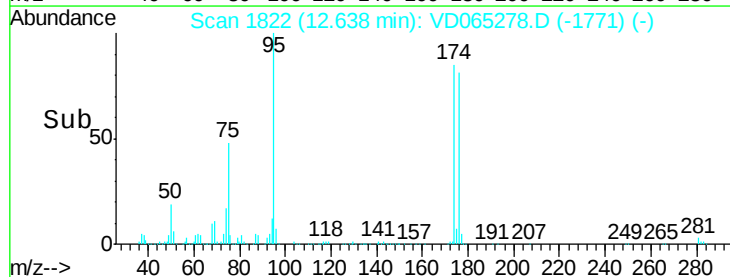
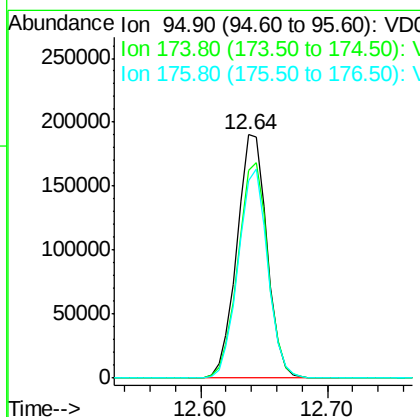
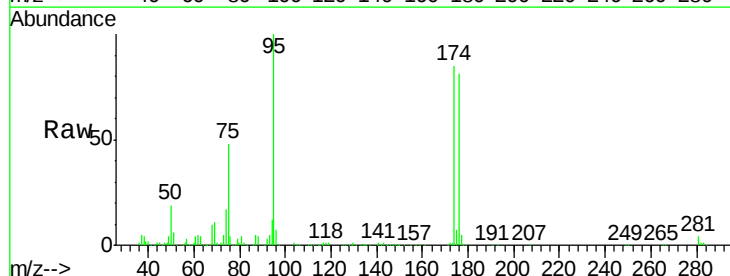
Instrument :
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DUNR-TS003-01

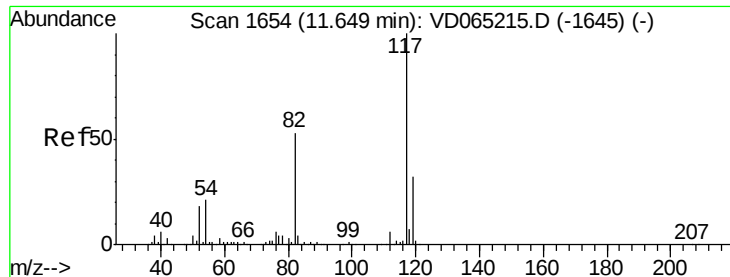
Tot Ion: 98 Resp: 1154340
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.998 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065278.D
Acq: 21 Feb 2020 16:31

Tgt Ion: 95 Resp: 312658
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.0
176 84.1 0.0 174.4

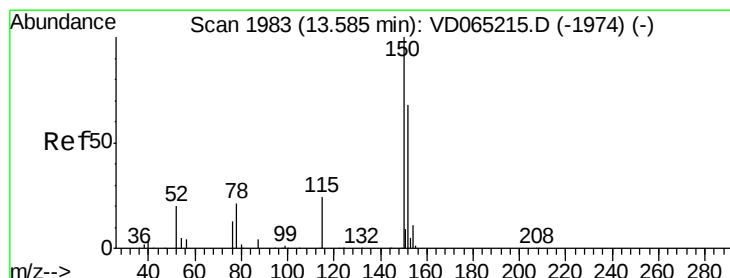
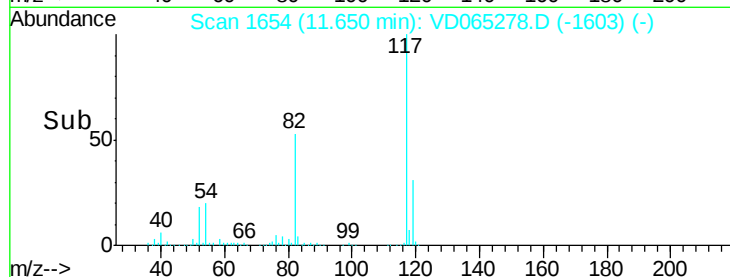
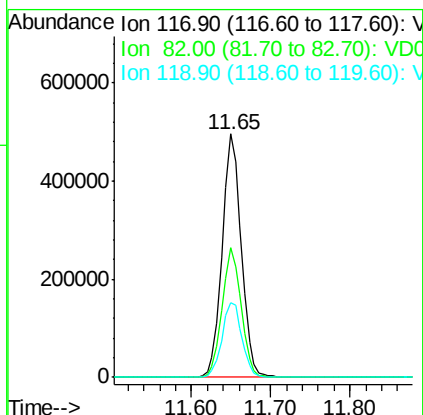
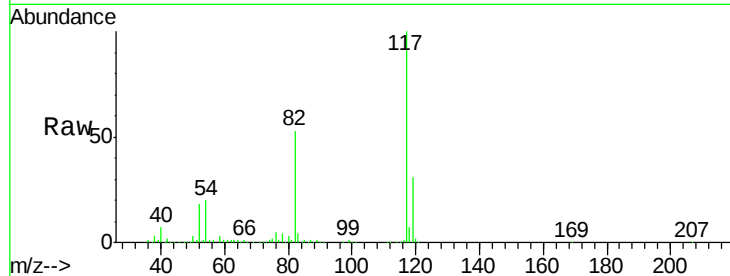




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065278.D
Acq: 21 Feb 2020 16:31

Instrument :
MSVOA_D
ClientSampleId :
DUNR-TS003-01

Tot Ion:117 Resp: 824753
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 30.7 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: VD065278.D
Acq: 21 Feb 2020 16:31

Tgt Ion:152 Resp: 312528
Ion Ratio Lower Upper
152 100
115 56.4 27.6 82.8
150 158.5 0.0 347.4

