

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022120\
 Data File : VD065282.D
 Acq On : 21 Feb 2020 18:26
 Operator : VA/SY
 Sample : L1635-10
 Misc : 5.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUNR-TS007-01

Quant Time: Feb 22 03:09:19 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	573289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	948663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	816331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	320155	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	288246	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	
35) Dibromofluoromethane	7.92	113	301895	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
50) Toluene-d8	10.34	98	1153865	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.64	95	311021	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	

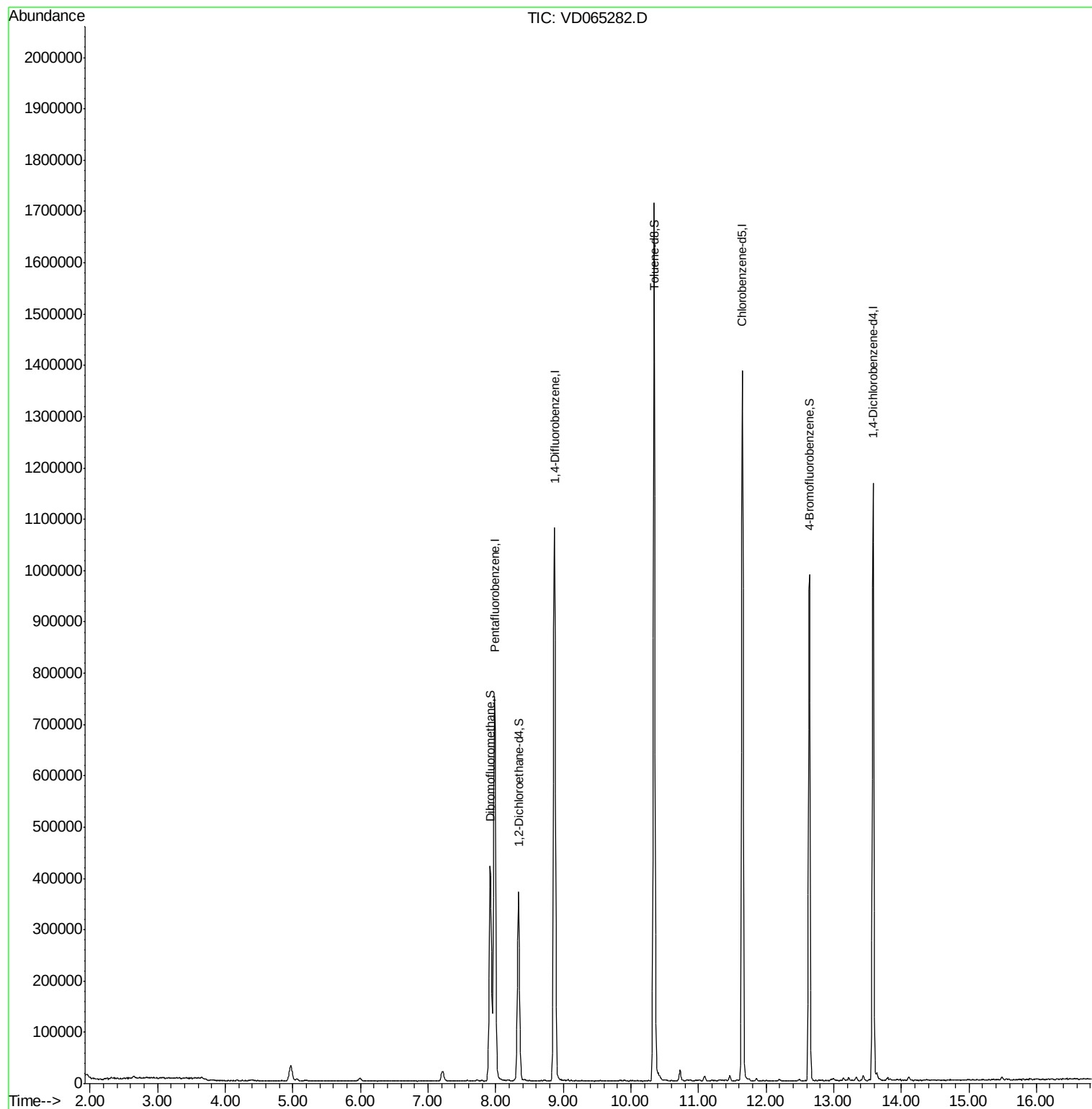
Target Compounds	Qvalue
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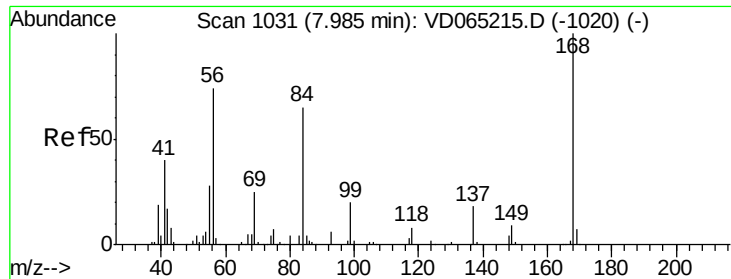
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065282.D

Acq: 21 Feb 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

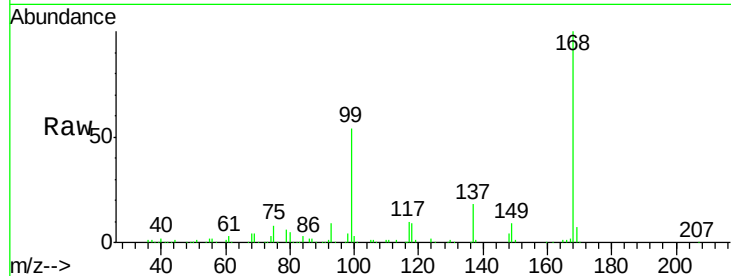
DUNR-TS007-01

Tot Ion:168 Resp: 573289

Ion Ratio Lower Upper

168 100

99 54.4 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

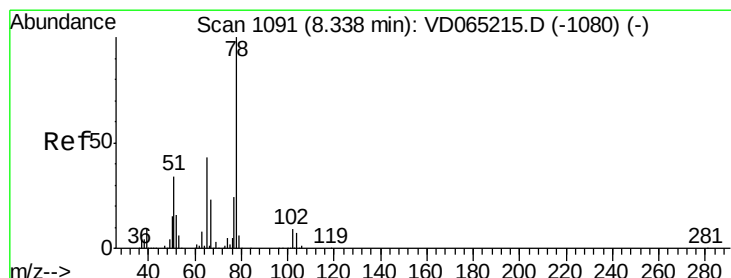
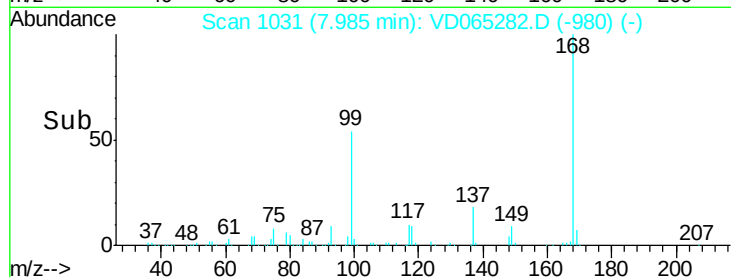
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.890 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065282.D

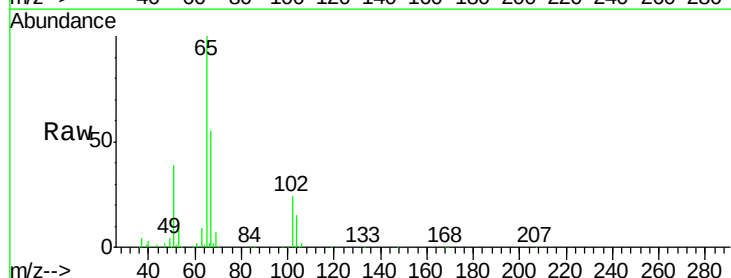
Acq: 21 Feb 2020 18:26

Tgt Ion: 65 Resp: 288246

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

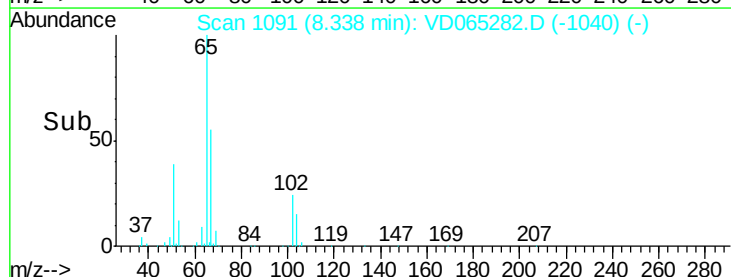
150000

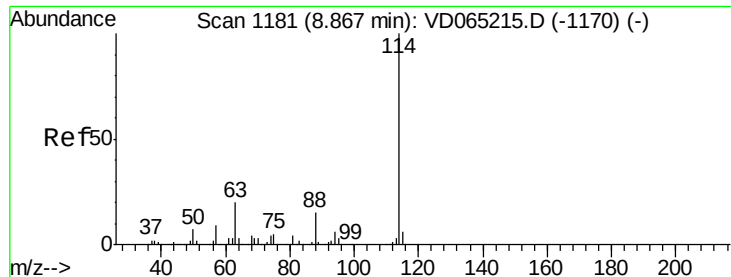
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

Instrument :

MSVOA_D

ClientSampleId :

DUNR-TS007-01

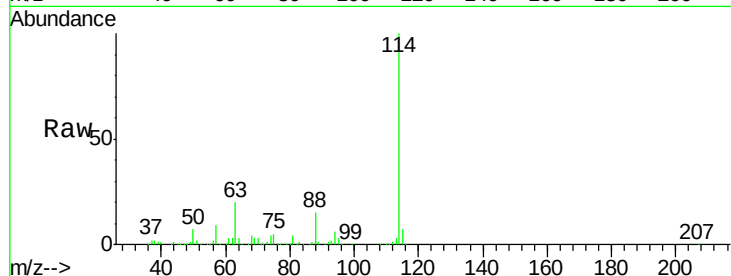
Tot Ion:114 Resp: 948663

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

88 15.2 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

600000

500000

400000

300000

200000

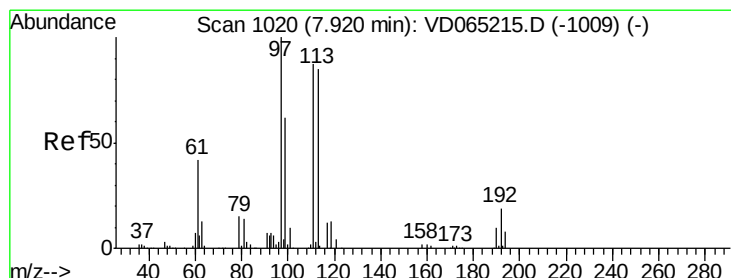
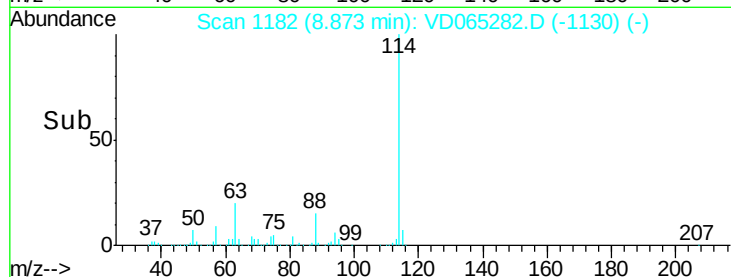
100000

0

8.87

8.80 8.90 9.00

Time-->



#35

Dibromofluoromethane

Concen: 52.191 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065282.D

Acq: 21 Feb 2020 18:26

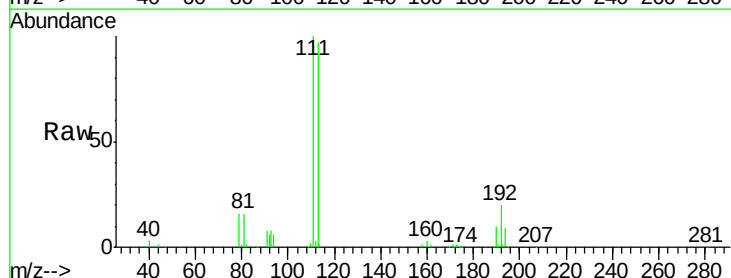
Tgt Ion:113 Resp: 301895

Ion Ratio Lower Upper

113 100

111 103.0 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

150000

100000

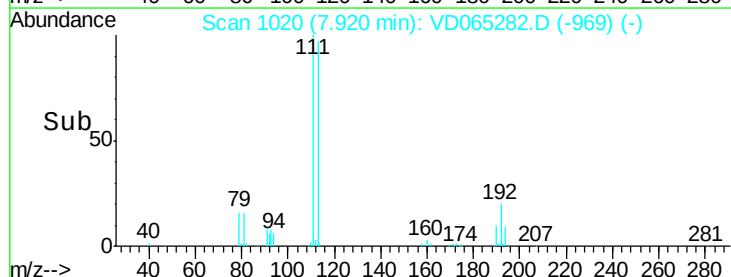
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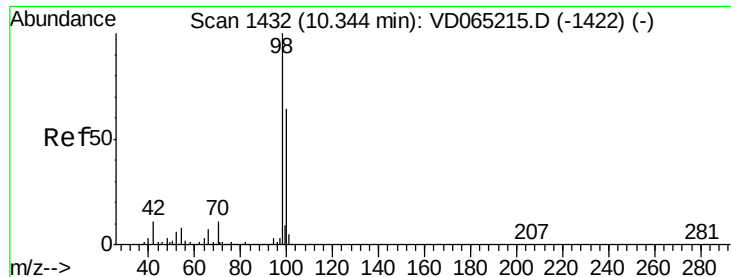
0

7.92

7.80 7.90 8.00 8.10

Time-->

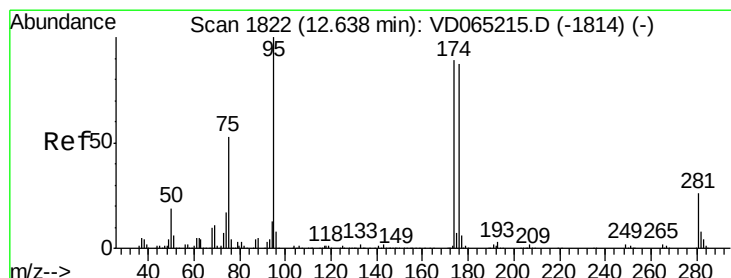
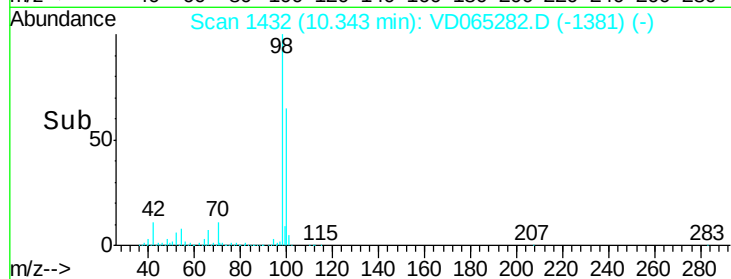
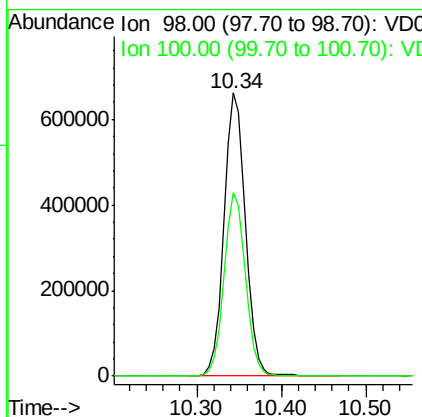
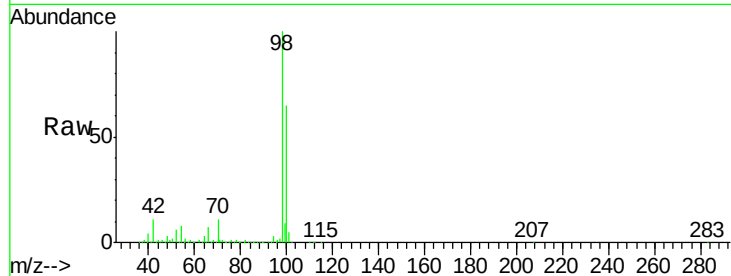




#50
Toluene-d8
Concen: 52.180 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

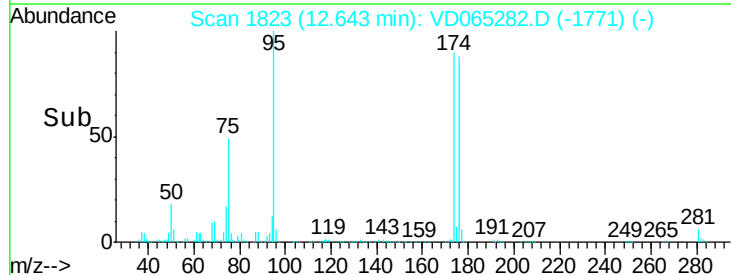
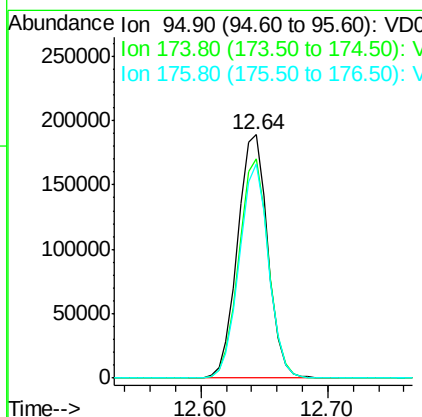
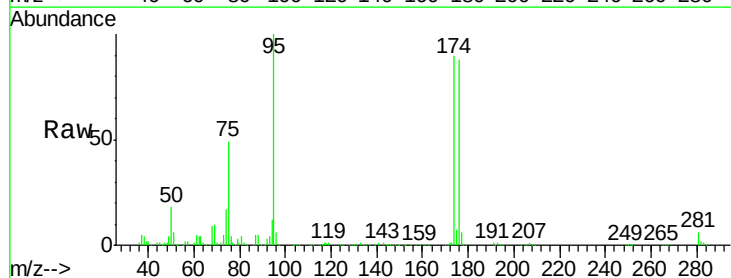
Instrument :
MSVOA_D
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DUNR-TS007-01

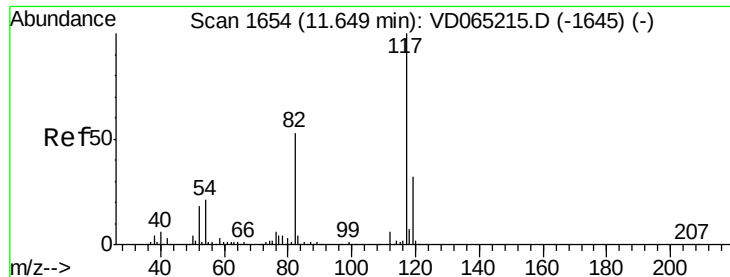
Tot Ion: 98 Resp: 1153865
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.398 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

Tgt Ion: 95 Resp: 311021
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.0
176 85.5 0.0 174.4

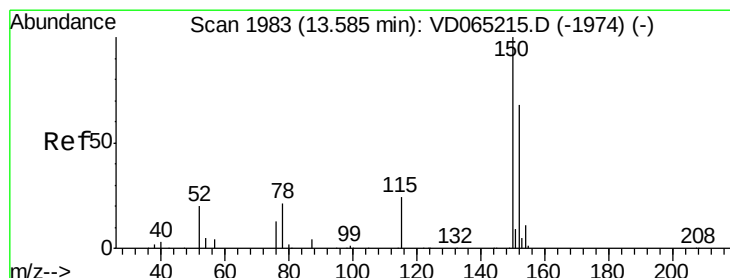
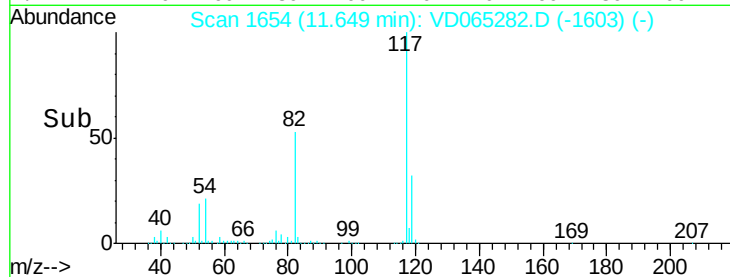
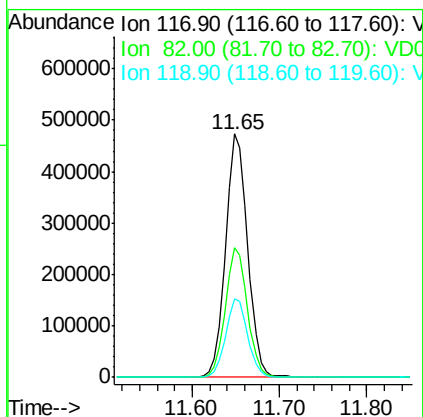
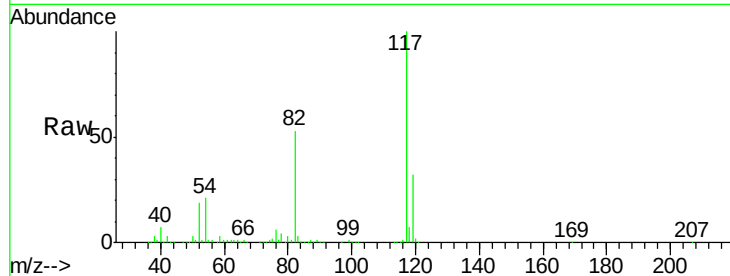




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065282.D
Acq: 21 Feb 2020 18:26

Instrument :
MSVOA_D
ClientSampleId :
DUNR-TS007-01

Tot Ion:117 Resp: 816331
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.1 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: VD065282.D
Acq: 21 Feb 2020 18:26

Tgt Ion:152 Resp: 320155
Ion Ratio Lower Upper
152 100
115 55.2 27.6 82.8
150 156.3 0.0 347.4

