

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066278.D
 Acq On : 18 Aug 2020 15:20
 Operator : VA/SY
 Sample : L3659-07
 Misc : 5.35G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1-3

Quant Time: Aug 18 16:07:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	235032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	368584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	341339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155175	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	120107	57.28	ug/l	0.00
Spiked Amount						
			Recovery	=	114.56%	
35) Dibromofluoromethane	7.91	113	117360	50.26	ug/l	0.00
Spiked Amount						
			Recovery	=	100.52%	
50) Toluene-d8	10.34	98	382216	44.36	ug/l	0.00
Spiked Amount						
			Recovery	=	88.72%	
62) 4-Bromofluorobenzene	12.63	95	131228	42.25	ug/l	0.00
Spiked Amount						
			Recovery	=	84.50%	

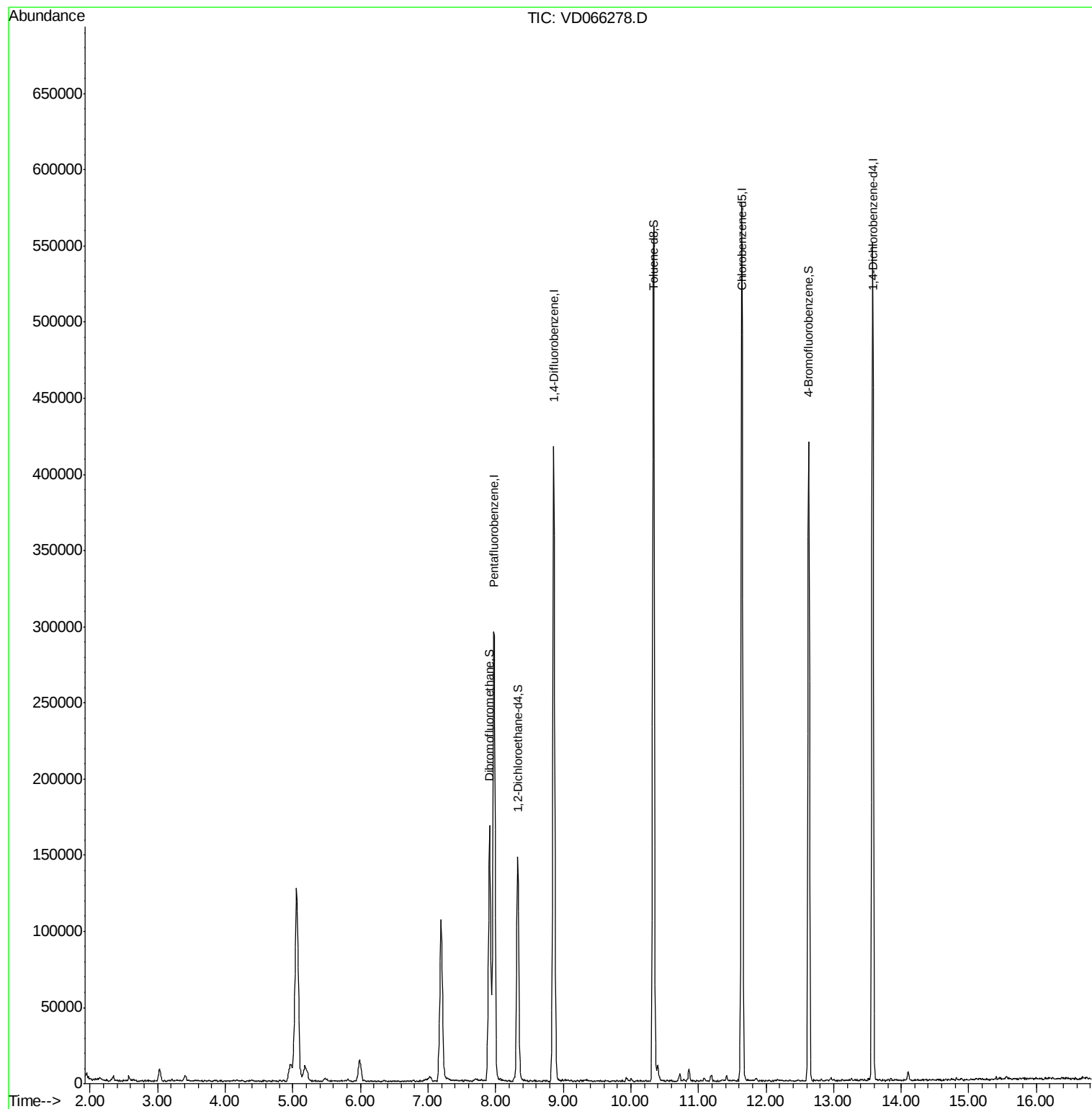
Target Compounds	Qvalue

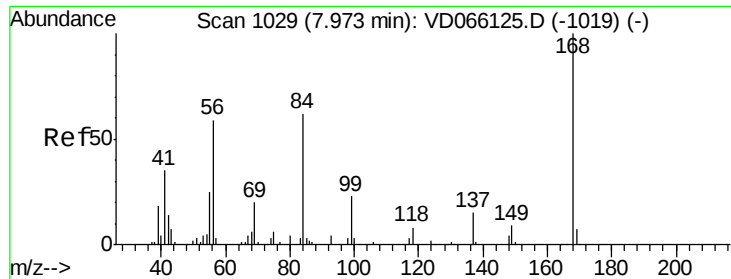
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleID :

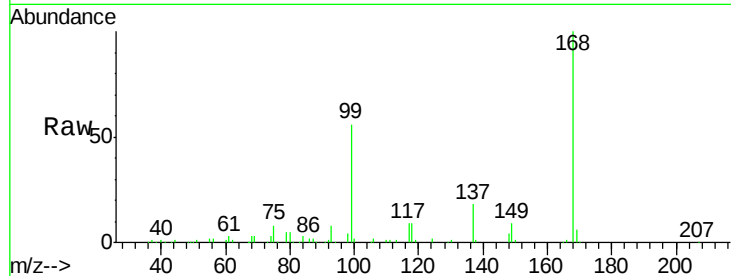
SP1-3

Tot Ion:168 Resp: 235032

Ion Ratio Lower Upper

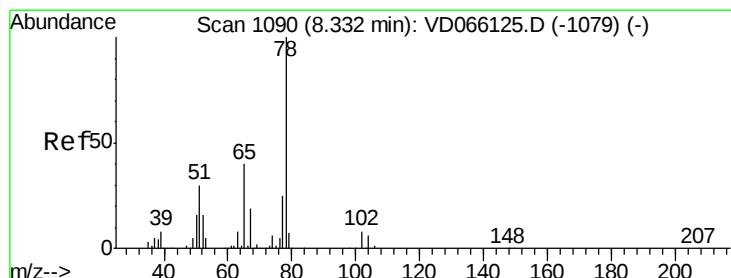
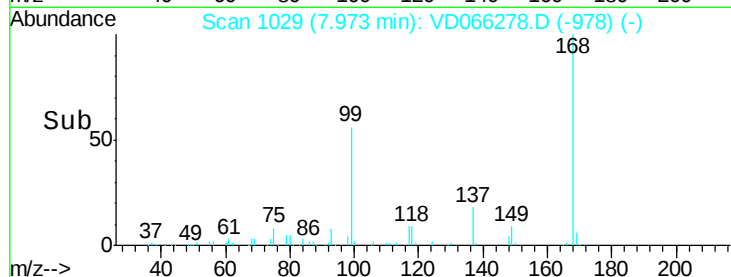
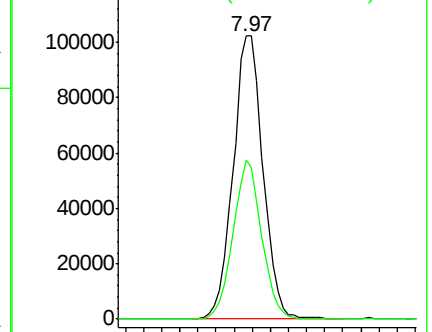
168 100

99 56.3 42.2 63.4



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: 57.280 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066278.D

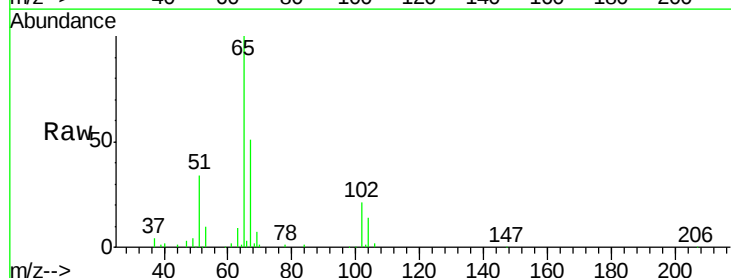
Acq: 18 Aug 2020 15:20

Tgt Ion: 65 Resp: 120107

Ion Ratio Lower Upper

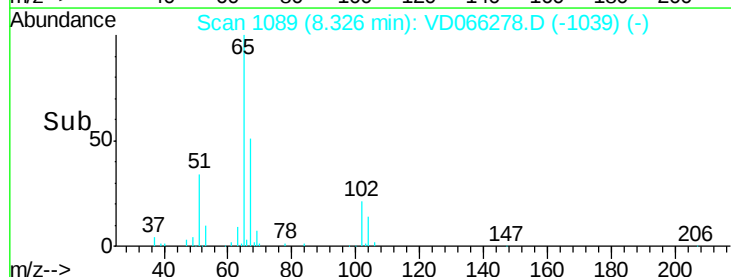
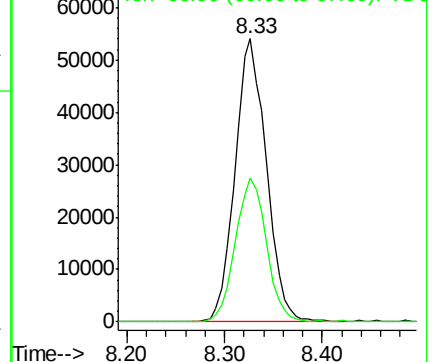
65 100

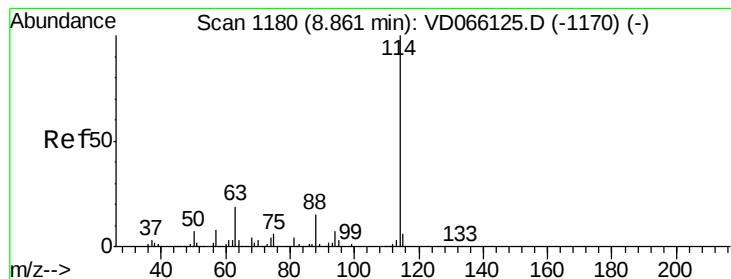
67 50.4 0.0 104.6



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066278.D

Acq: 18 Aug 2020 15:20

Instrument :

MSVOA_D

ClientSampleId :

SP1-3

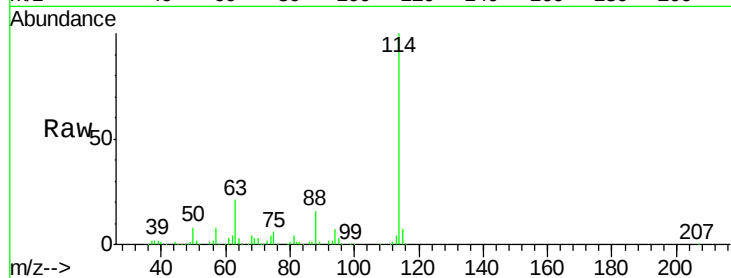
Tot Ion:114 Resp: 368584

Ion Ratio Lower Upper

114 100

63 21.2 0.0 38.6

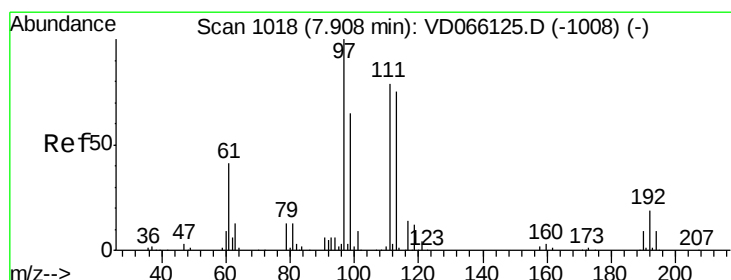
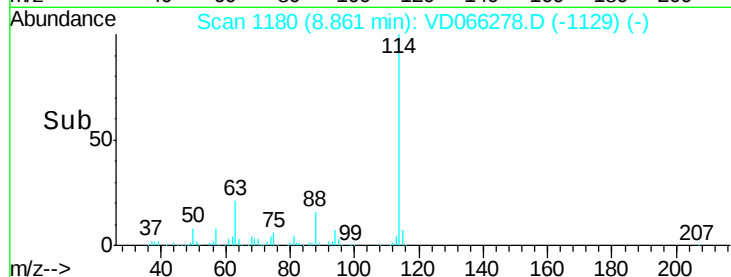
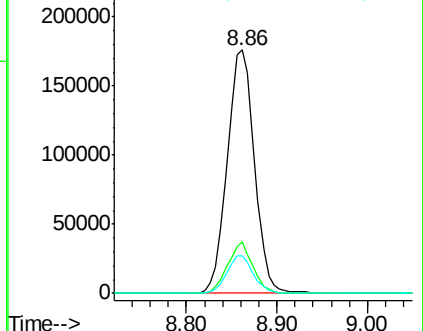
88 15.5 0.0 30.0



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: 50.262 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066278.D

Acq: 18 Aug 2020 15:20

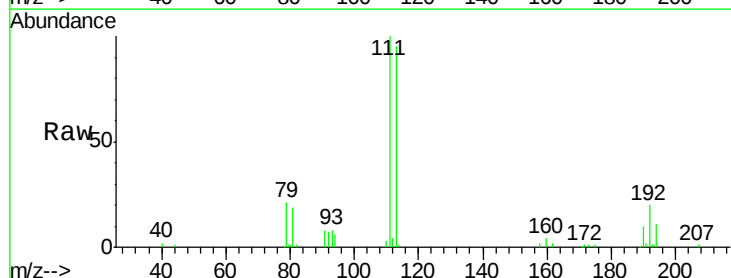
Tgt Ion:113 Resp: 117360

Ion Ratio Lower Upper

113 100

111 103.6 80.7 121.1

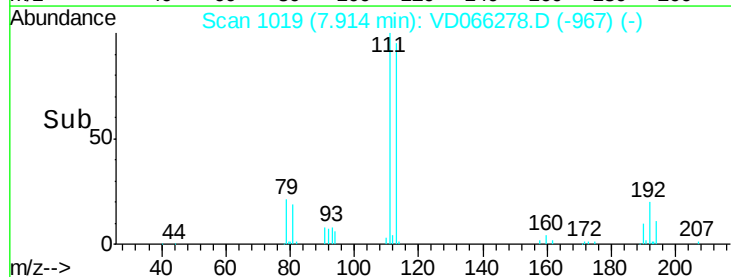
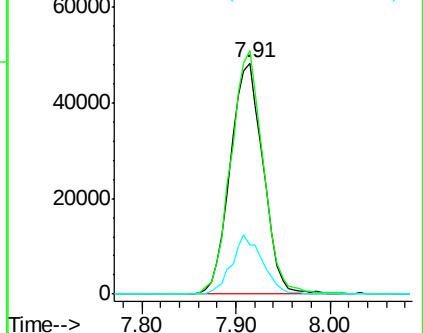
192 23.6 18.4 27.6

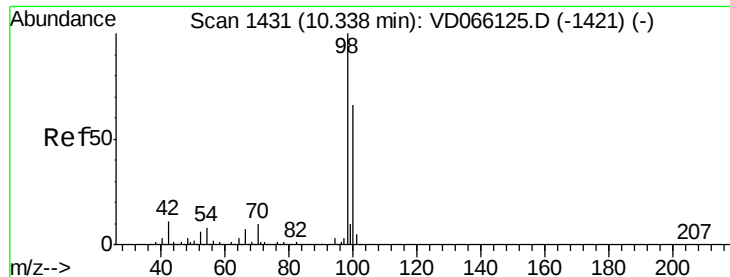


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.359 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066278.D

Acq: 18 Aug 2020 15:20

Instrument :

MSVOA_D

ClientSampleId :

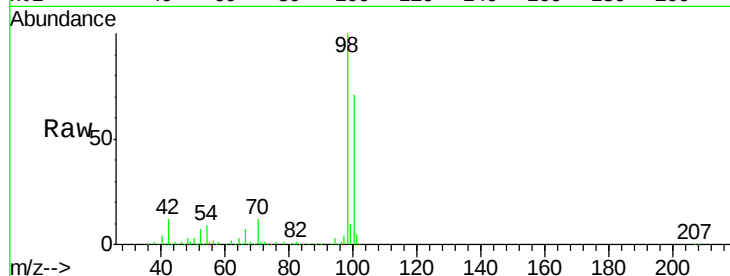
SP1-3

Tot Ion: 98 Resp: 382216

Ion Ratio Lower Upper

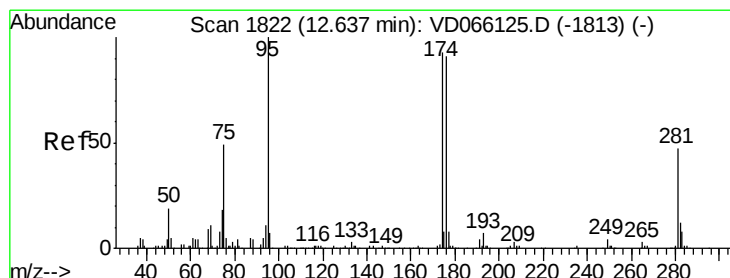
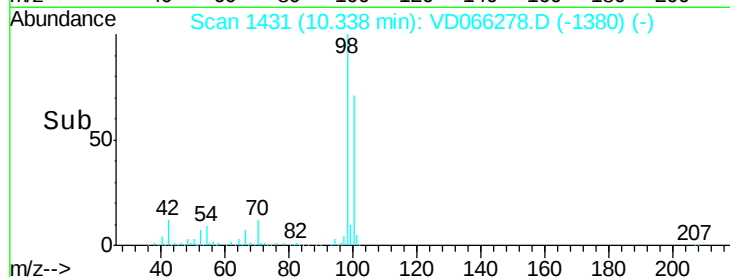
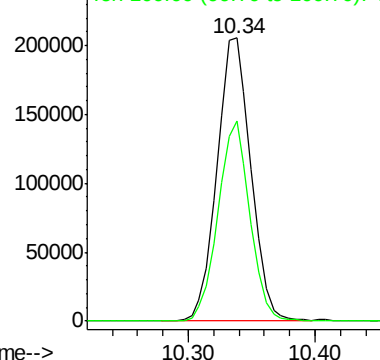
98 100

100 66.3 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 42.251 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066278.D

Acq: 18 Aug 2020 15:20

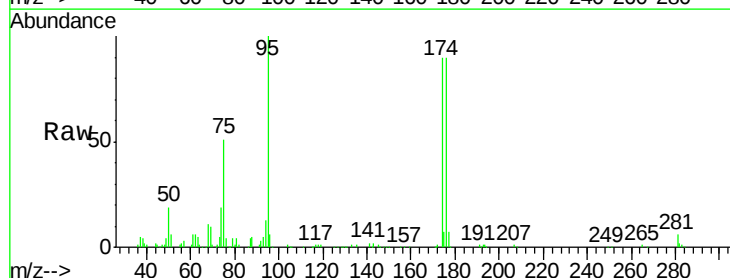
Tgt Ion: 95 Resp: 131228

Ion Ratio Lower Upper

95 100

174 93.0 0.0 180.8

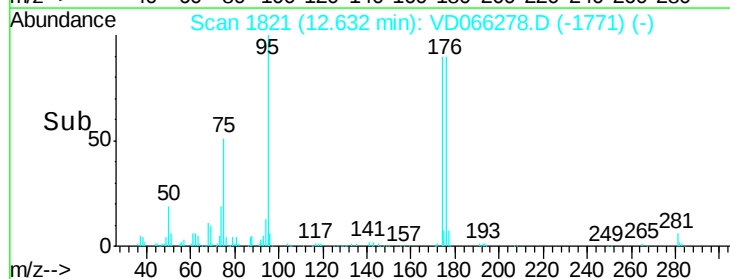
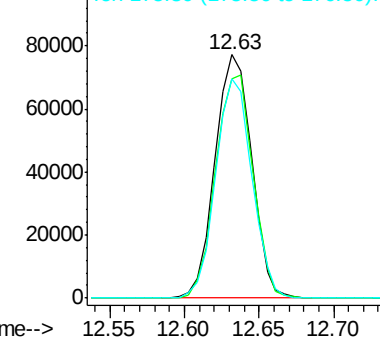
176 88.9 0.0 181.2

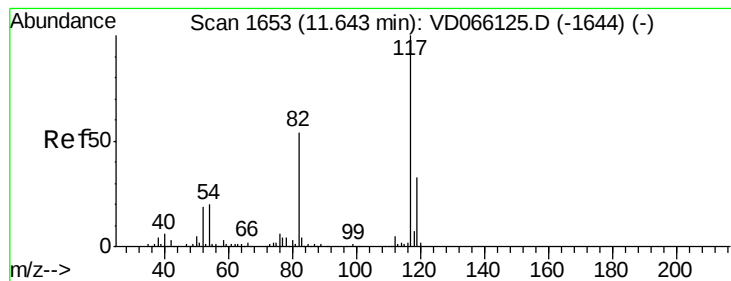


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066278.D

Acq: 18 Aug 2020 15:20

Instrument :

MSVOA_D

ClientSampleId :

SP1-3

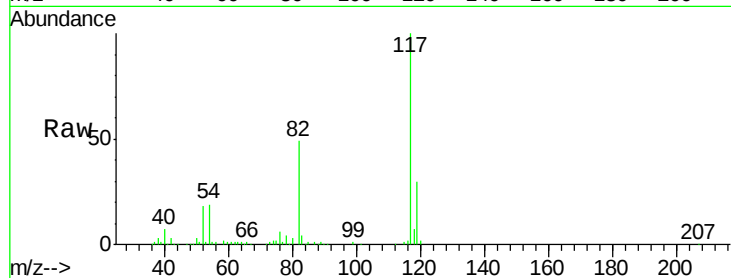
Tot Ion:117 Resp: 341339

Ion Ratio Lower Upper

117 100

82 49.3 43.0 64.4

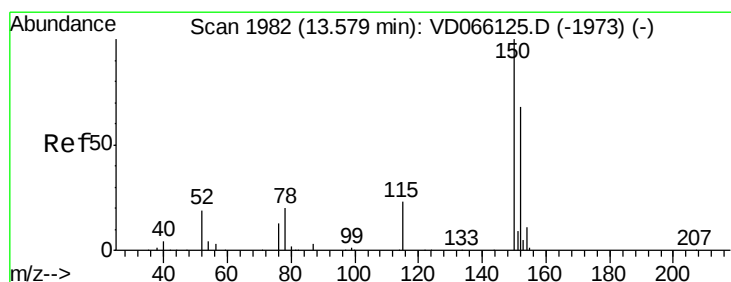
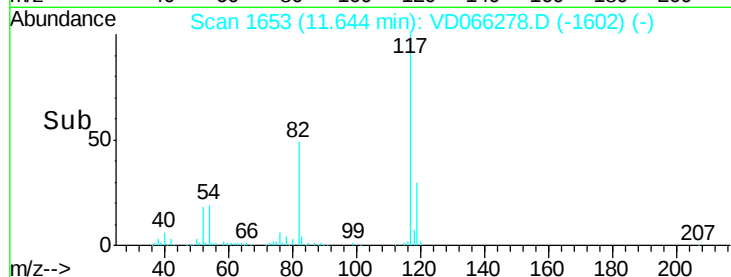
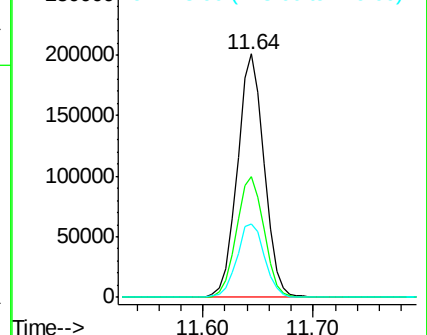
119 30.4 26.1 39.1



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# 1982

Delta R.T. 0.00 min

Lab File: VD066278.D

Acq: 18 Aug 2020 15:20

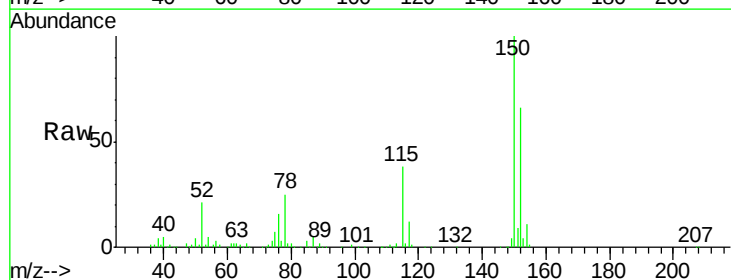
Tgt Ion:152 Resp: 155175

Ion Ratio Lower Upper

152 100

115 56.7 28.0 83.9

150 154.8 0.0 346.4



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

