

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064023.D
 Acq On : 23 Oct 2019 16:18
 Operator : VA/SY
 Sample : K5497-06
 Misc : 5.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 169-32-(1)

Quant Time: Oct 24 06:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	160229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	297477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	312297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	143186	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	89263	57.22	ug/l	0.00
Spiked Amount						
			Recovery	=	114.44%	
35) Dibromofluoromethane	7.92	113	91672	50.43	ug/l	0.00
Spiked Amount						
			Recovery	=	100.86%	
50) Toluene-d8	10.34	98	410280	55.60	ug/l	0.00
Spiked Amount						
			Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.63	95	121659	47.45	ug/l	0.00
Spiked Amount						
			Recovery	=	94.90%	

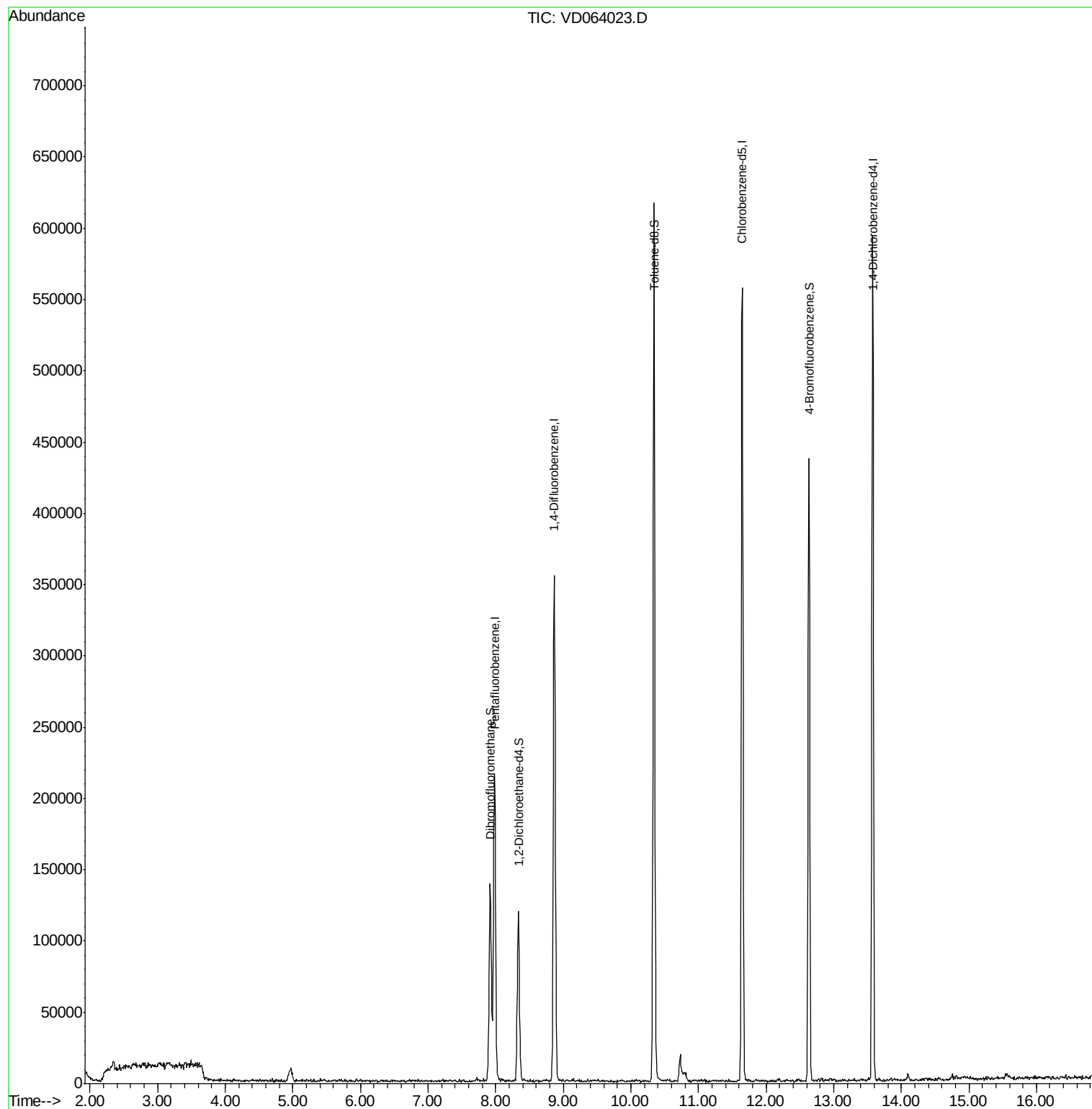
Target Compounds	Qvalue

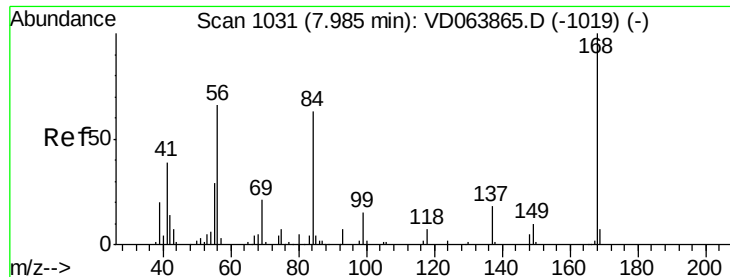
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD064023.D

Acq: 23 Oct 2019 16:18

Instrument :

MSVOA_D

ClientSampleId :

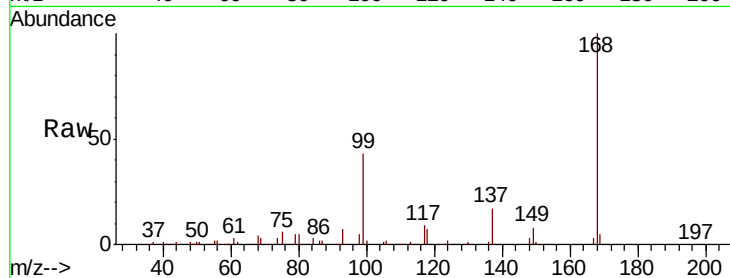
169-32-(1)

Tot Ion:168 Resp: 160229

Ion Ratio Lower Upper

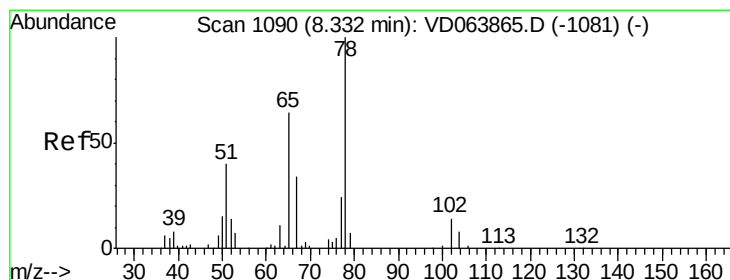
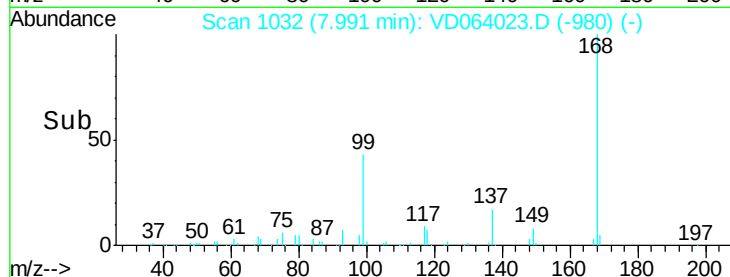
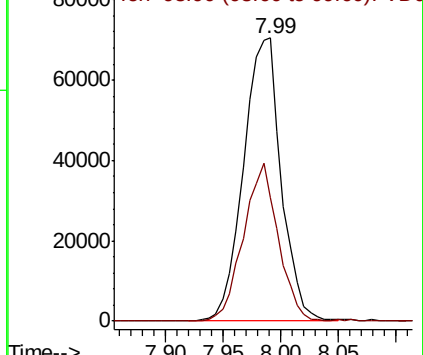
168 100

99 43.2 43.0 64.4



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: 57.222 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064023.D

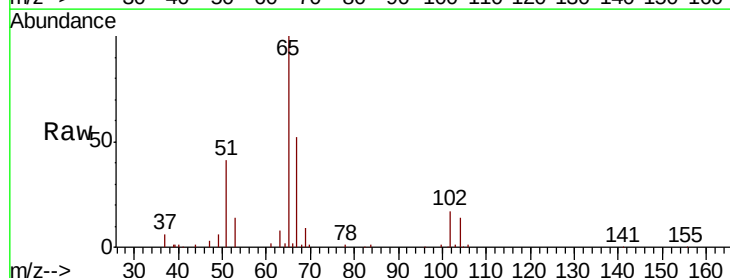
Acq: 23 Oct 2019 16:18

Tgt Ion: 65 Resp: 89263

Ion Ratio Lower Upper

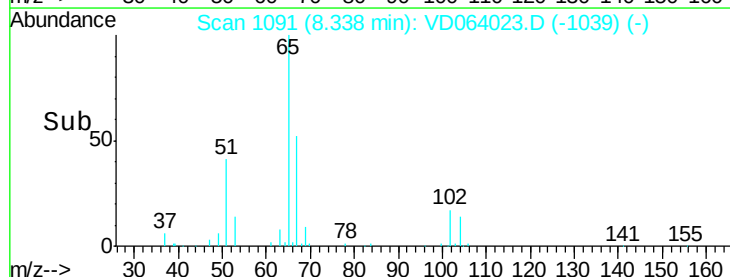
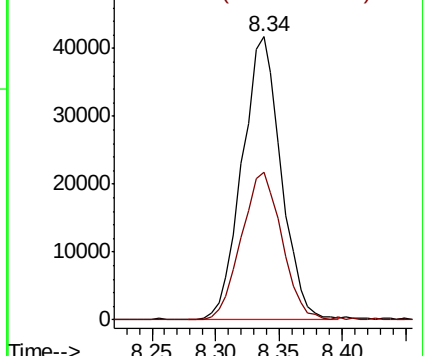
65 100

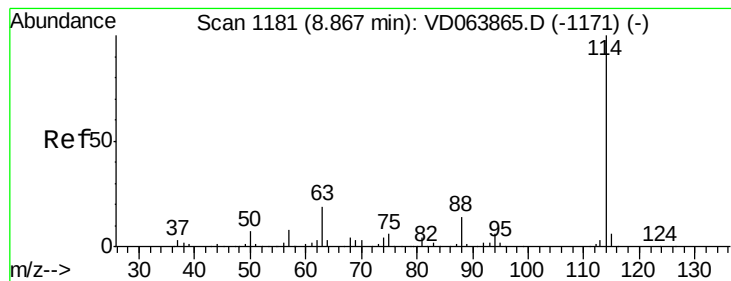
67 53.9 0.0 106.4



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: VD064023.D

Acq: 23 Oct 2019 16:18

Instrument :

MSVOA_D

ClientSampleId :

169-32-(1)

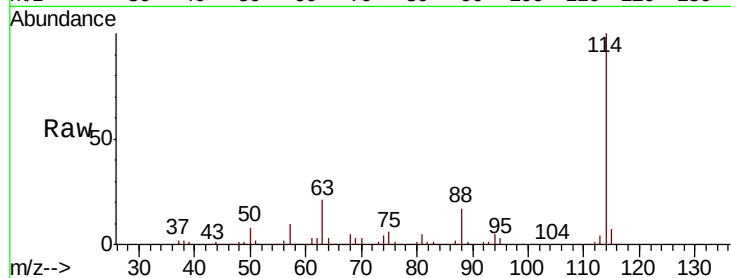
Tot Ion:114 Resp: 297477

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

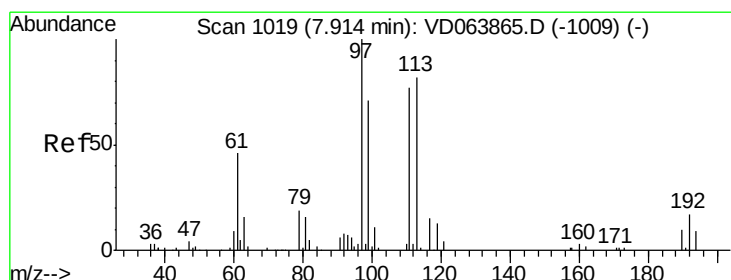
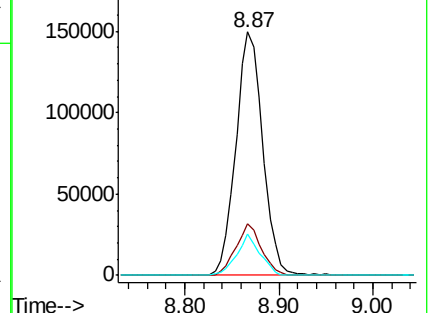
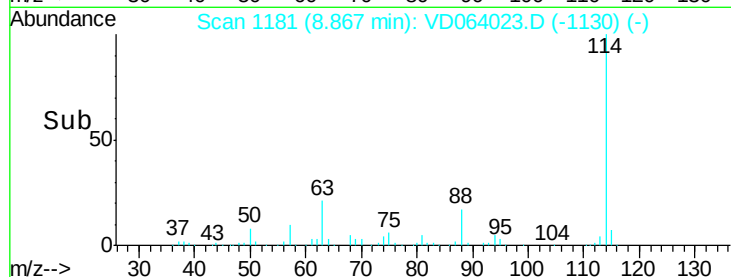
88 16.8 0.0 27.4



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: 50.425 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064023.D

Acq: 23 Oct 2019 16:18

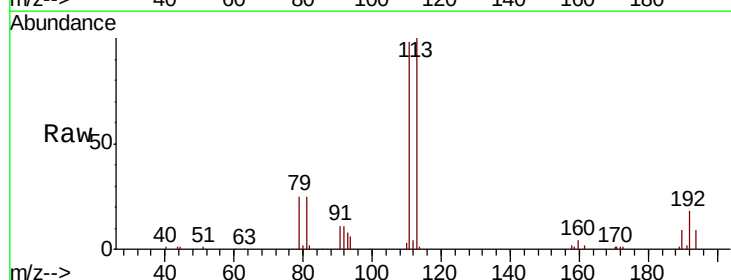
Tgt Ion:113 Resp: 91672

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

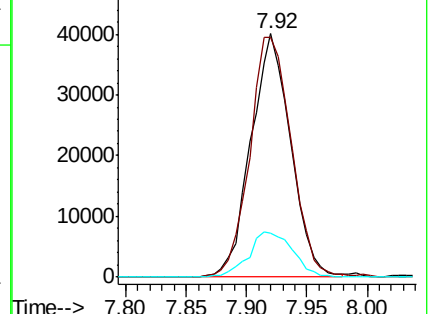
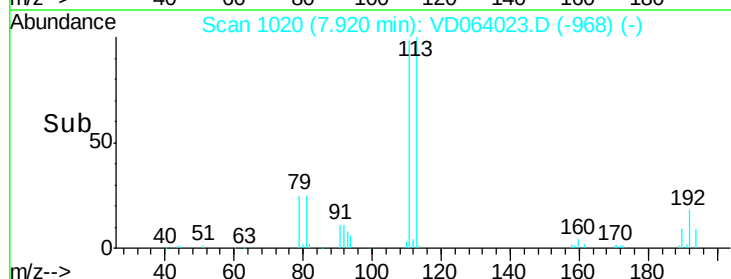
192 20.4 17.1 25.7

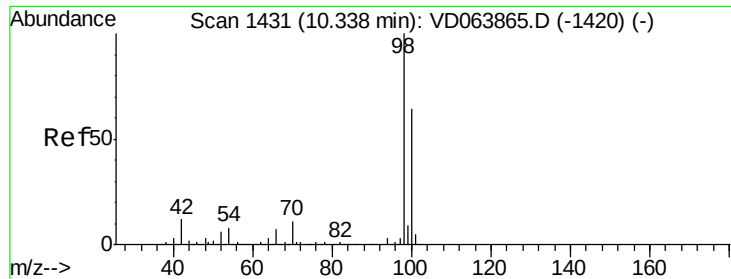


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.602 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064023.D

Acq: 23 Oct 2019 16:18

Instrument :

MSVOA_D

ClientSampled :

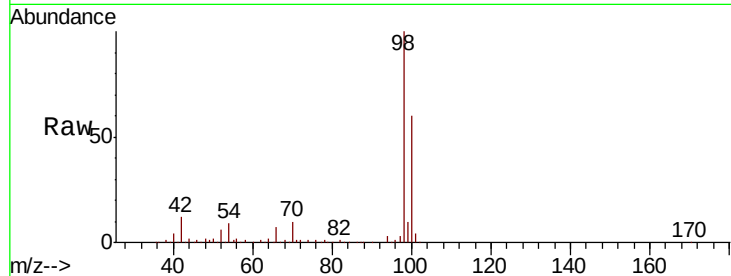
169-32-(1)

Tot Ion: 98 Resp: 410280

Ion Ratio Lower Upper

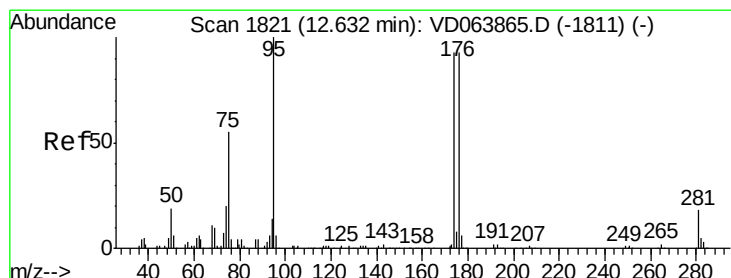
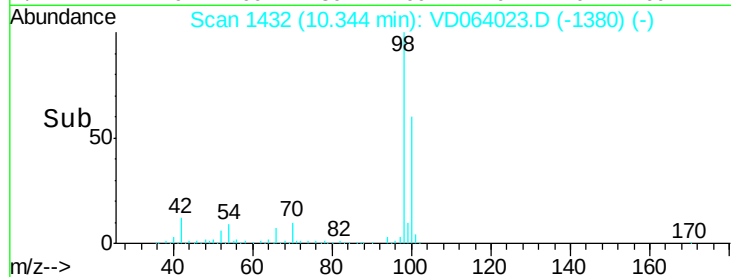
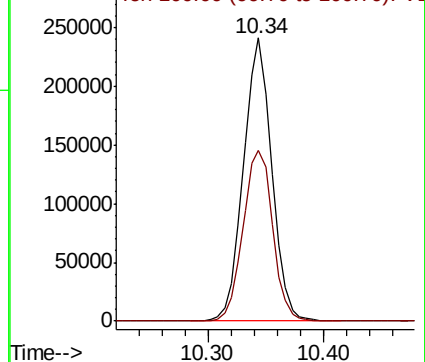
98 100

100 63.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 47.446 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD064023.D

Acq: 23 Oct 2019 16:18

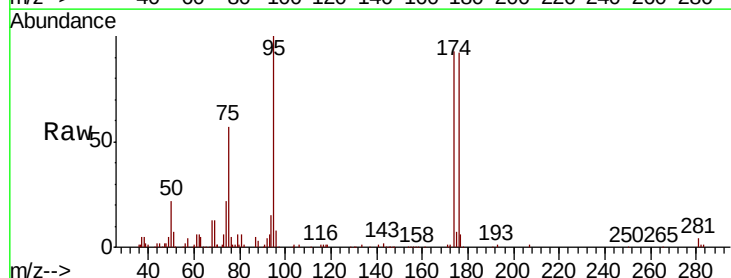
Tgt Ion: 95 Resp: 121659

Ion Ratio Lower Upper

95 100

174 100.7 0.0 186.4

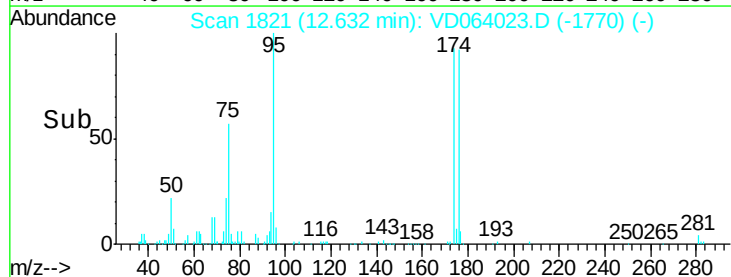
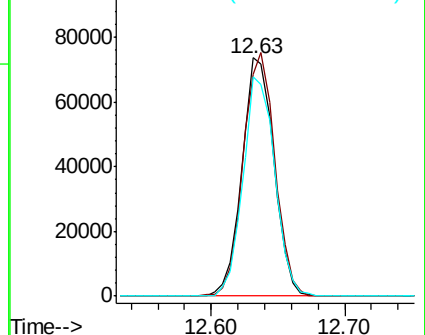
176 91.5 0.0 184.2

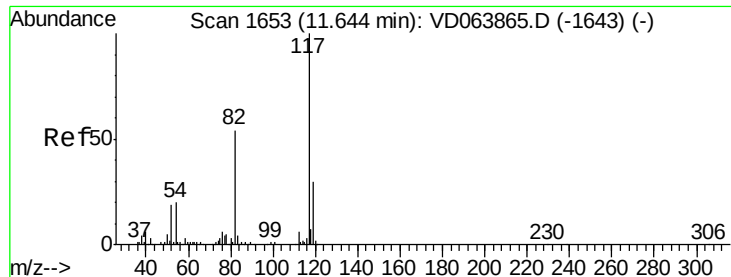


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD064023.D

Acq: 23 Oct 2019 16:18

Instrument :

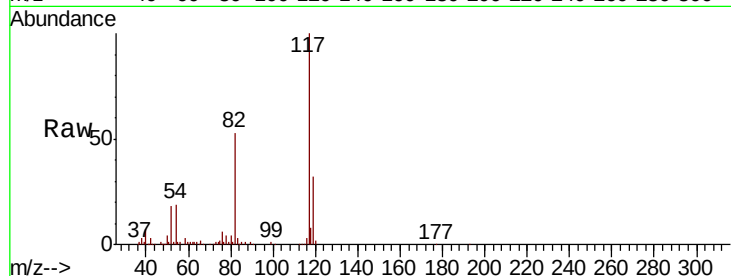
MSVOA_D

ClientSampleId :

169-32-(1)

Tot Ion:117 Resp: 312297

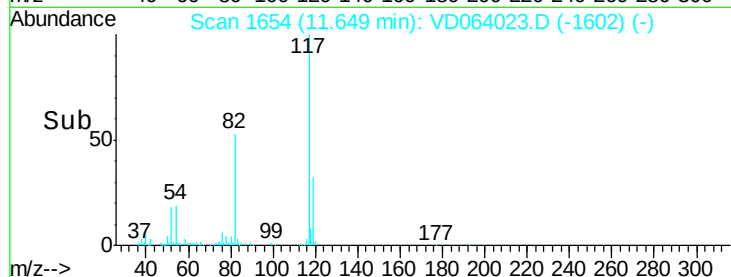
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.8	64.2
119	31.9	24.4	36.6



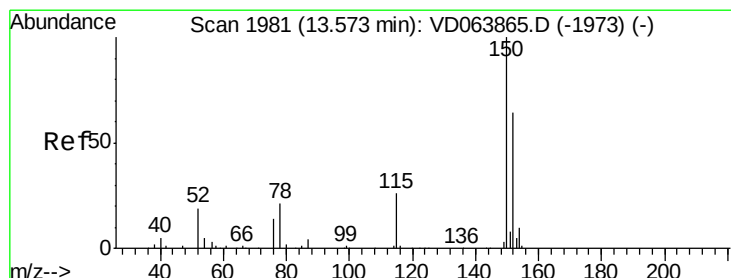
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

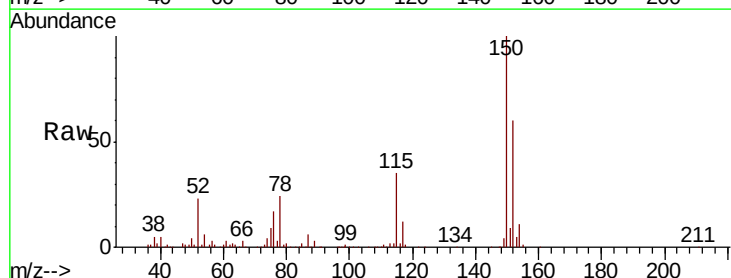
Delta R.T. 0.01 min

Lab File: VD064023.D

Acq: 23 Oct 2019 16:18

Tgt Ion:152 Resp: 143186

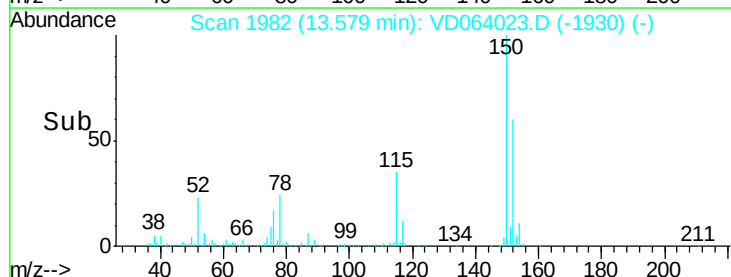
Ion	Ratio	Lower	Upper
152	100		
115	56.3	25.9	77.7
150	165.0	0.0	344.2



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



Time-->