

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\
 Data File : VD065572.D
 Acq On : 31 Mar 2020 18:09
 Operator : VA/SY
 Sample : L2067-02RE
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 239-SB-01-4.5-5.5RE

Quant Time: Apr 01 08:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

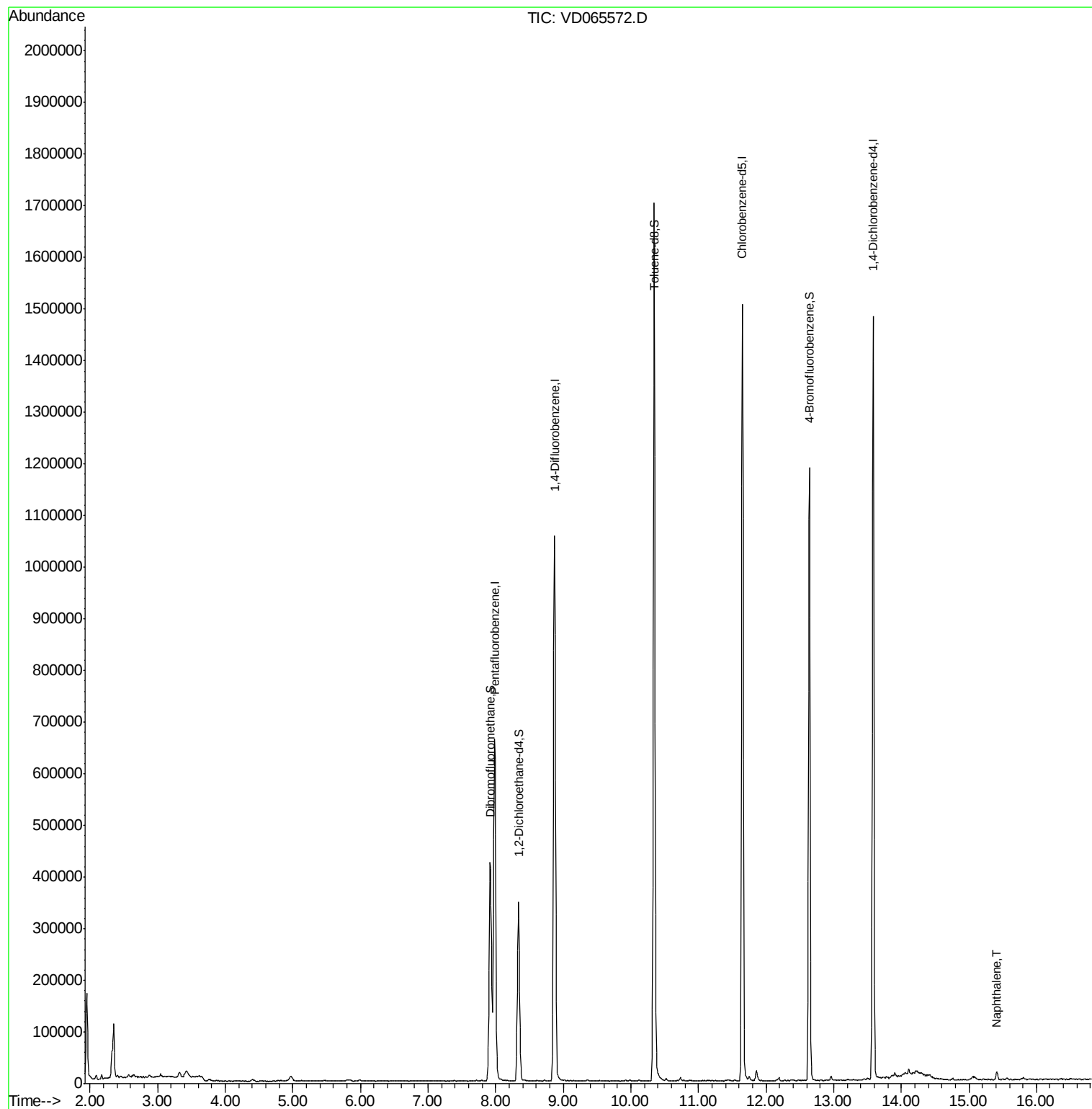
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	525955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	946628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	915081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	419222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	273859	62.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.10%	
35) Dibromofluoromethane	7.93	113	317556	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
50) Toluene-d8	10.34	98	1161203	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.64	95	370014	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
Target Compounds						
95) Naphthalene	15.41	128	13605	5.282	ug/l	Qvalue 95

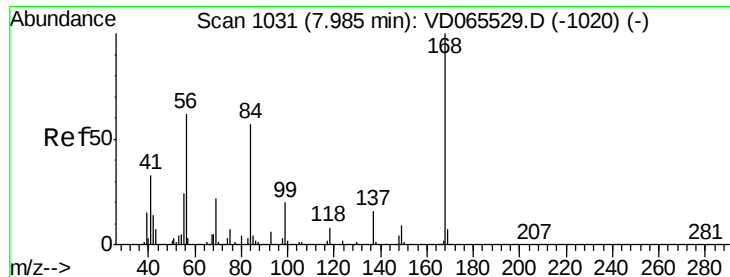
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 01:47:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065572.D

Acq: 31 Mar 2020 18:09

Instrument :

MSVOA_D

ClientSampleId :

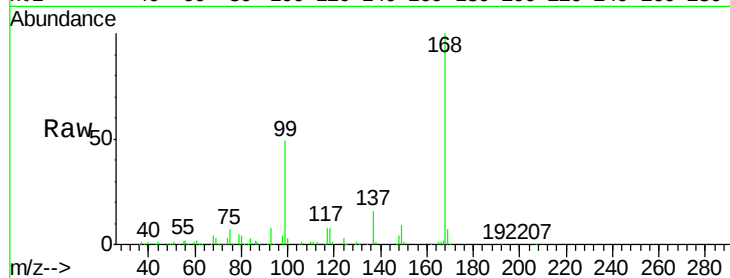
239-SB-01-4.5-5.5RE

Tot Ion:168 Resp: 525955

Ion Ratio Lower Upper

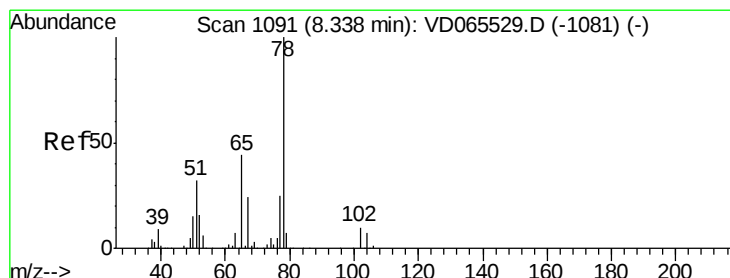
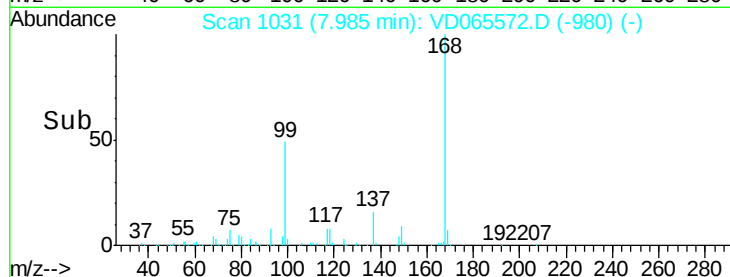
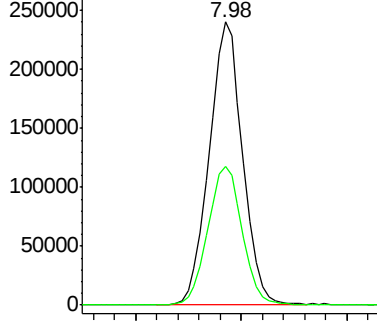
168 100

99 49.0 39.1 58.7



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: 62.551 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065572.D

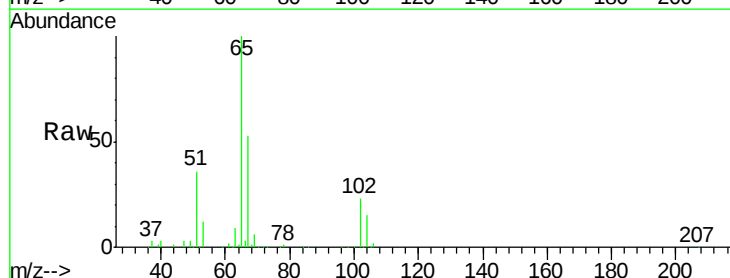
Acq: 31 Mar 2020 18:09

Tgt Ion: 65 Resp: 273859

Ion Ratio Lower Upper

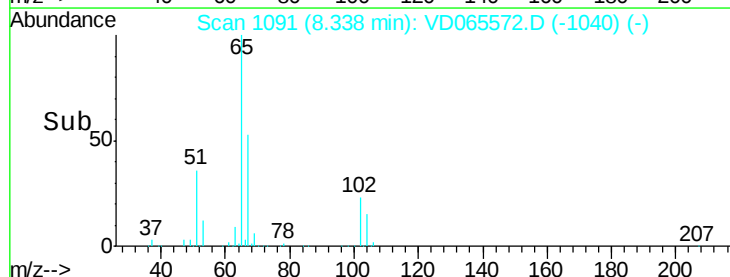
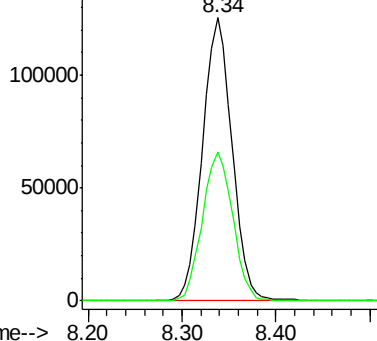
65 100

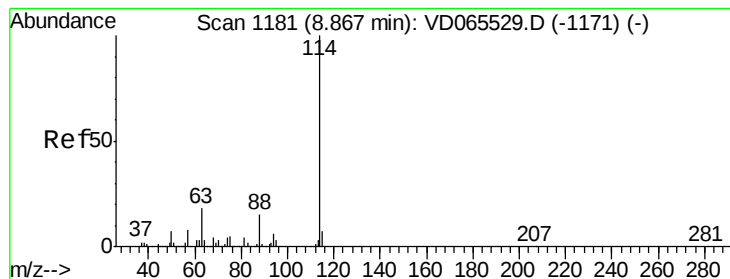
67 54.3 0.0 107.6



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: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065572.D

Acq: 31 Mar 2020 18:09

Instrument :

MSVOA_D

ClientSampleId :

239-SB-01-4.5-5.5RE

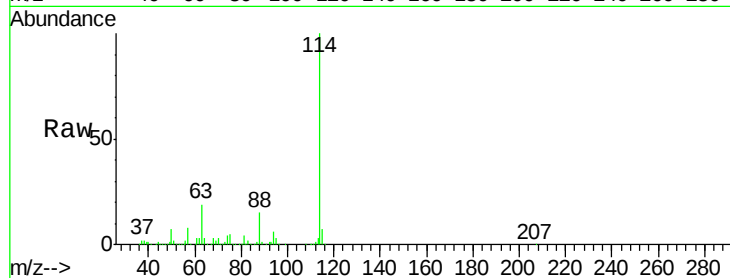
Tot Ion:114 Resp: 946628

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

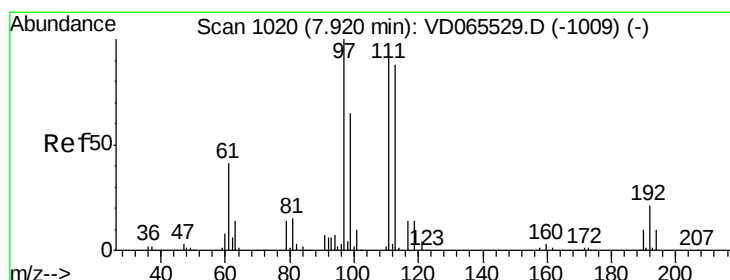
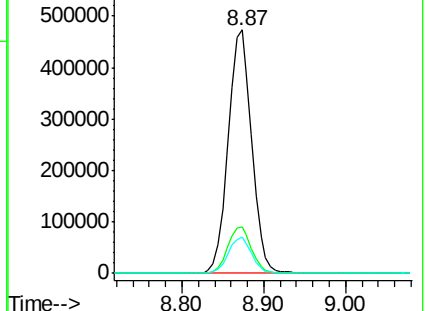
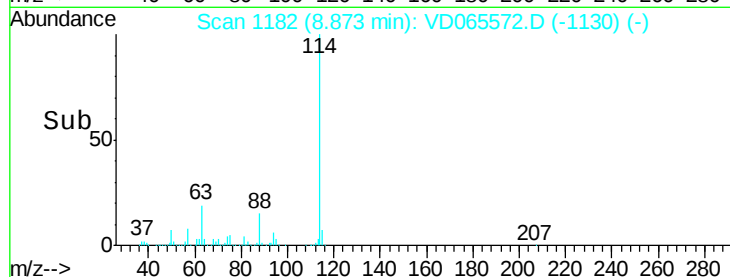
88 14.7 0.0 30.4



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: 54.348 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD065572.D

Acq: 31 Mar 2020 18:09

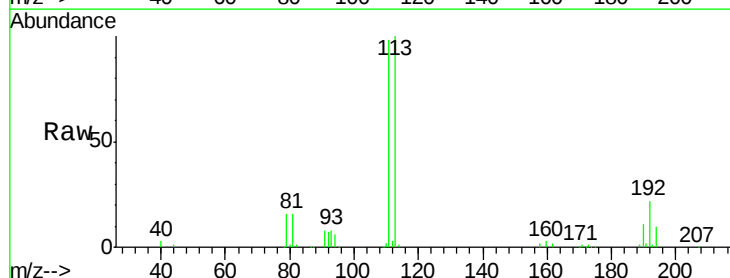
Tgt Ion:113 Resp: 317556

Ion Ratio Lower Upper

113 100

111 100.5 83.3 124.9

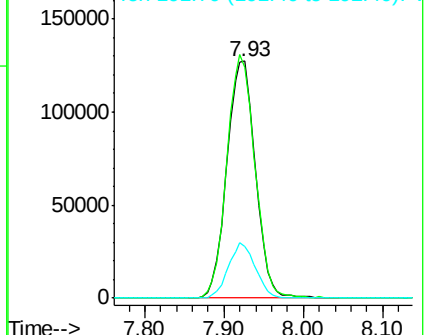
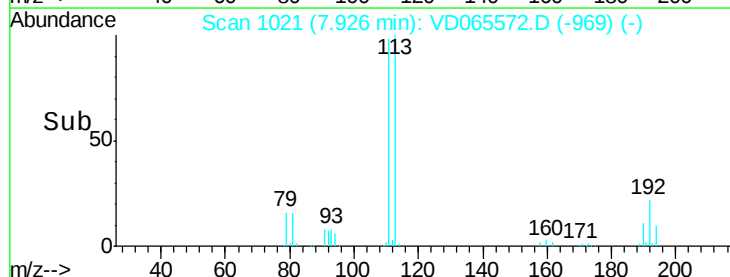
192 22.1 18.5 27.7

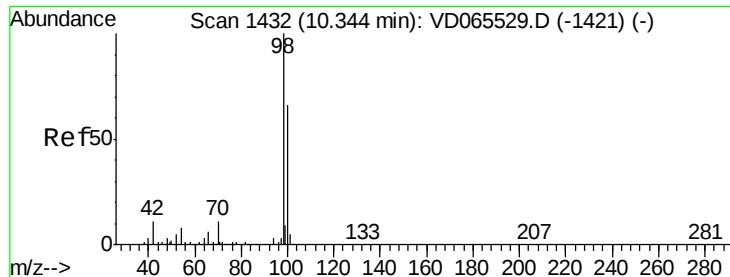


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.935 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065572.D

Acq: 31 Mar 2020 18:09

Instrument :

MSVOA_D

ClientSampleId :

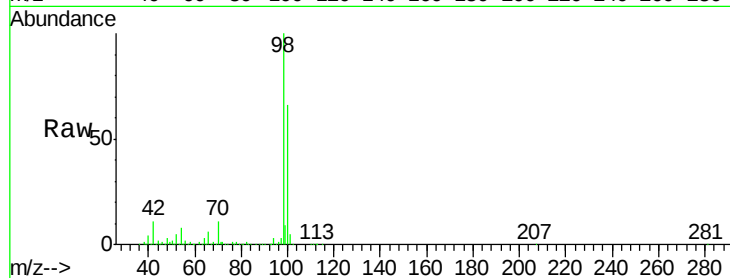
239-SB-01-4.5-5.5RE

Tot Ion: 98 Resp: 1161203

Ion Ratio Lower Upper

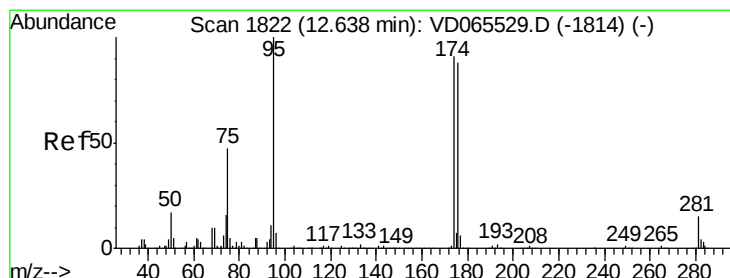
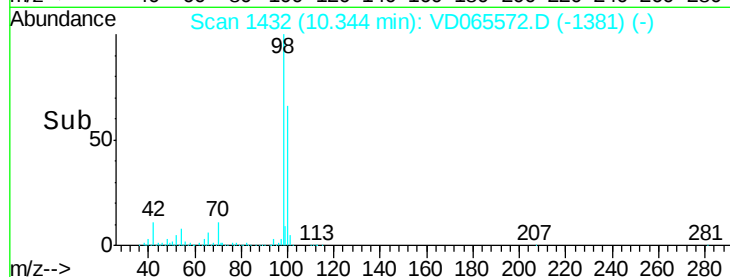
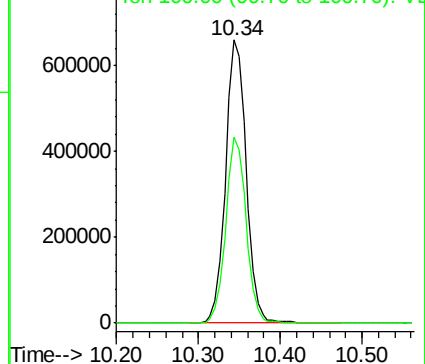
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.145 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065572.D

Acq: 31 Mar 2020 18:09

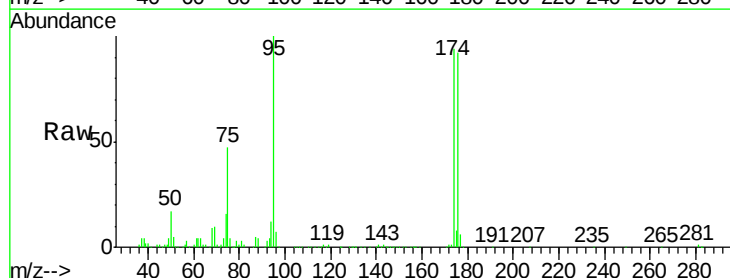
Tgt Ion: 95 Resp: 370014

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.8

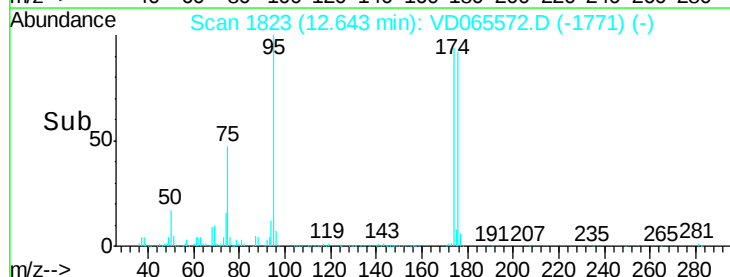
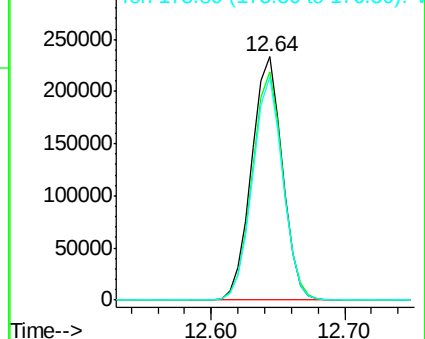
176 90.1 0.0 178.2

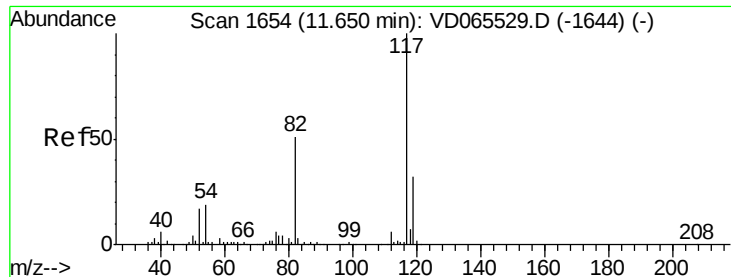


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

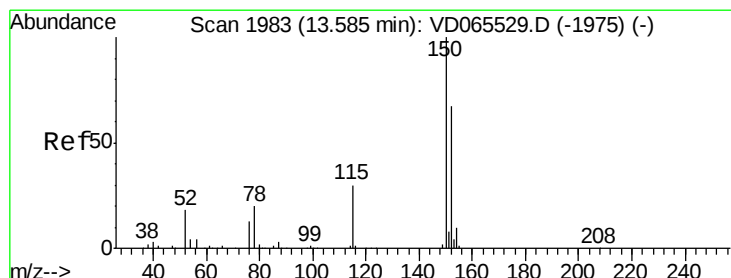
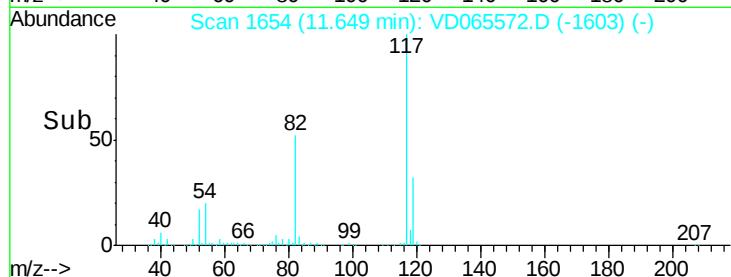
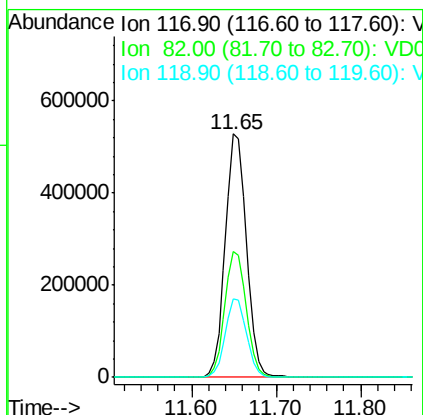
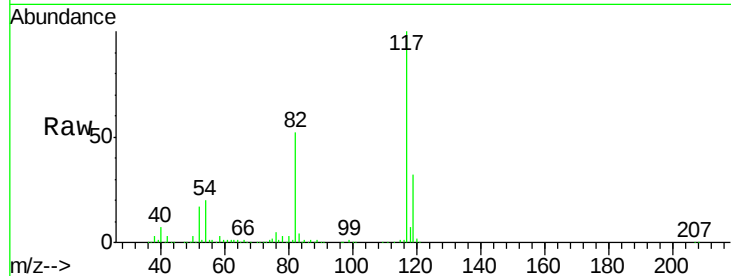




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065572.D
Acq: 31 Mar 2020 18:09

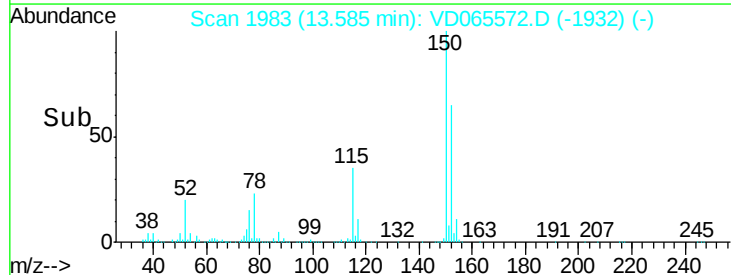
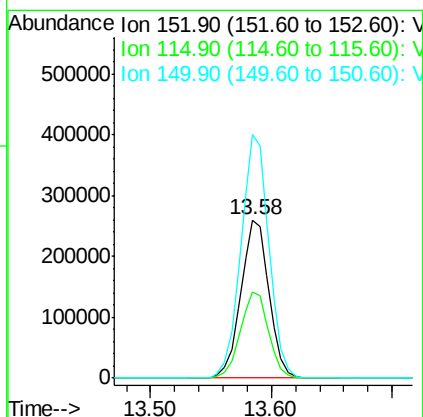
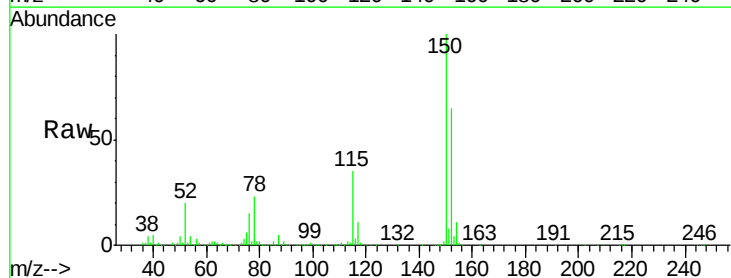
Instrument :
MSVOA_D
ClientSampleId :
239-SB-01-4.5-5.5RE

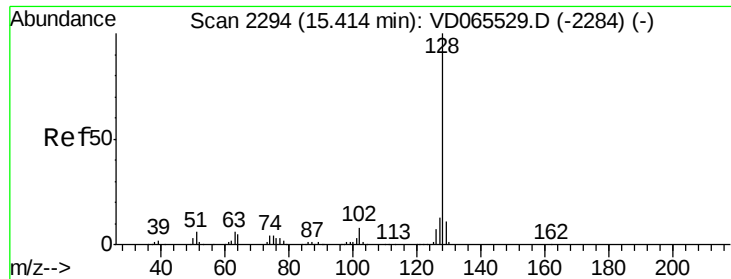
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.0	61.6
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065572.D
Acq: 31 Mar 2020 18:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.2	81.6
150	154.3	0.0	340.2

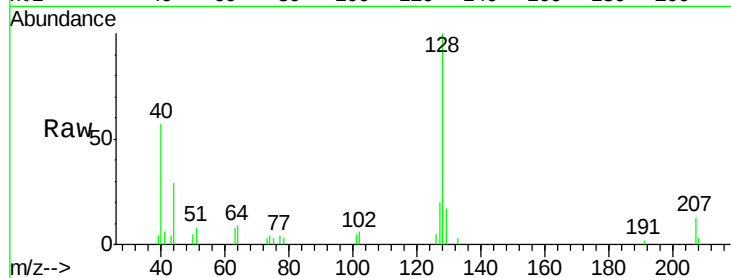




#95
Naphthalene
Concen: 5.282 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065572.D
Acq: 31 Mar 2020 18:09

Instrument :
MSVOA_D
ClientSampleId :
239-SB-01-4.5-5.5RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.4	15.6
129	12.4	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

