

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064529.D
 Acq On : 16 Dec 2019 17:58
 Operator : VA/SY
 Sample : K6299-03
 Misc : 4.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-BH-02

Quant Time: Dec 17 04:02:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

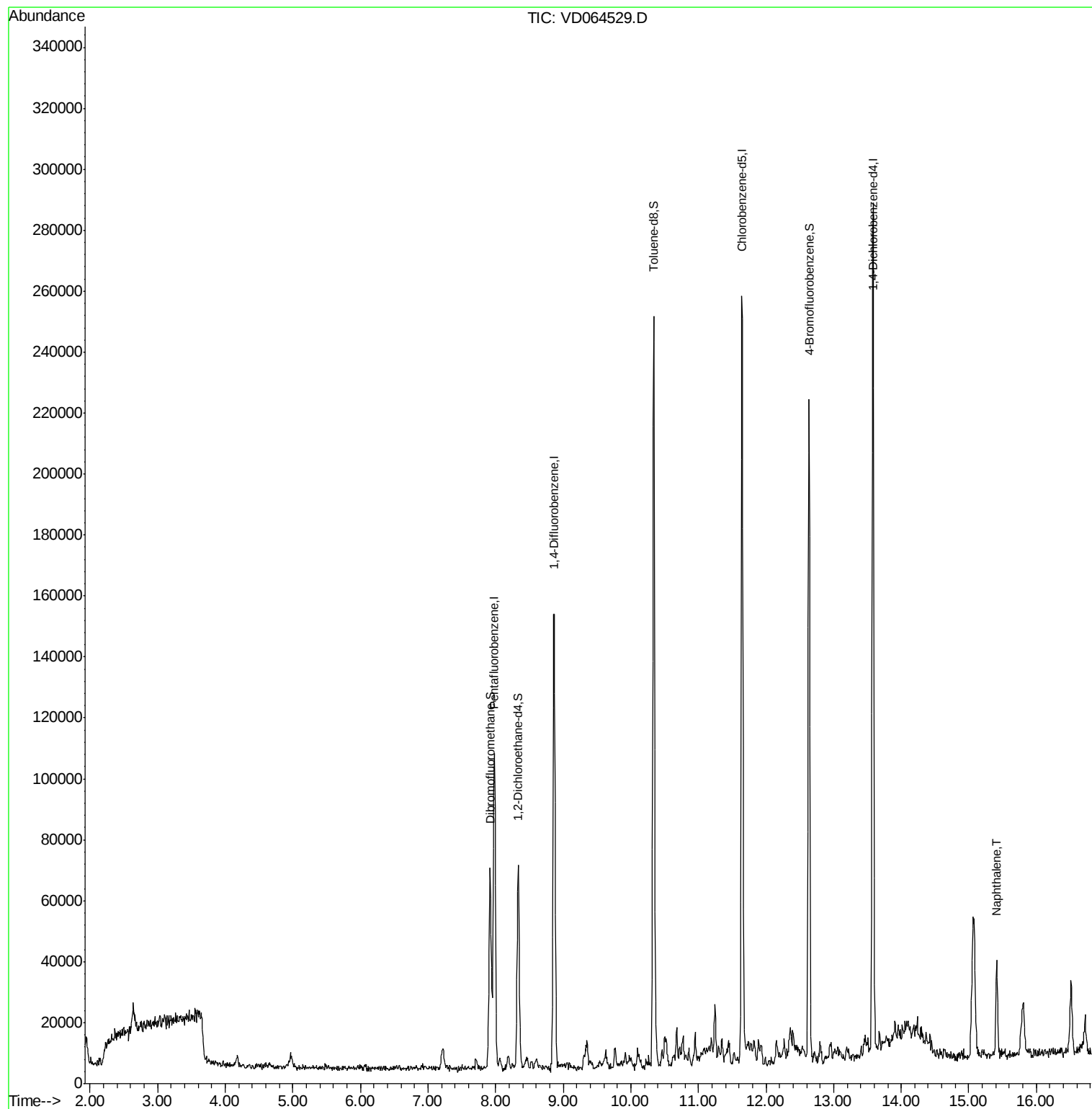
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	83460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	131146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	142498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	77286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	53813	71.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.46%	
35) Dibromofluoromethane	7.92	113	44985	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
50) Toluene-d8	10.34	98	158725	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.64	95	64620	64.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.20%	
Target Compounds						
95) Naphthalene	15.41	128	26771	9.408	ug/l	Qvalue 97

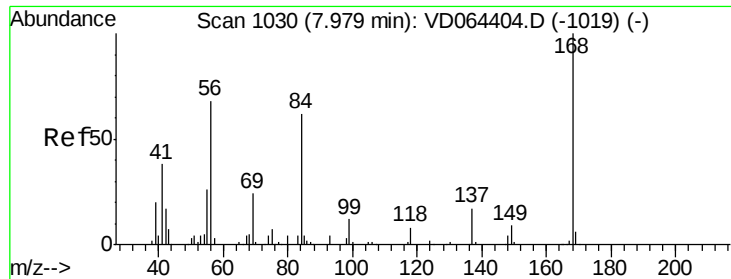
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064529.D

Acq: 16 Dec 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

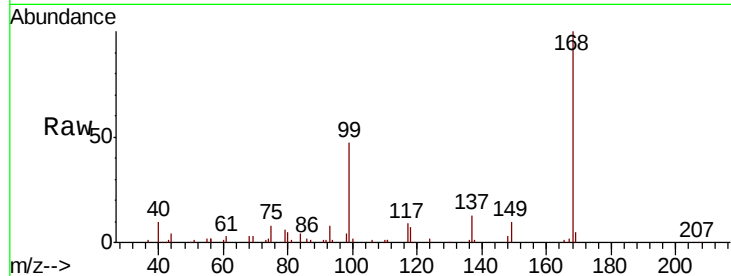
SHORE-RD-BH-02

Tot Ion:168 Resp: 83460

Ion Ratio Lower Upper

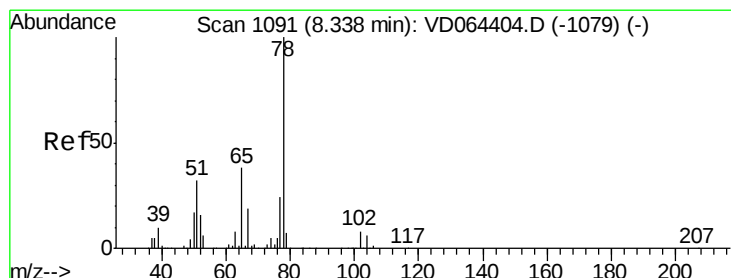
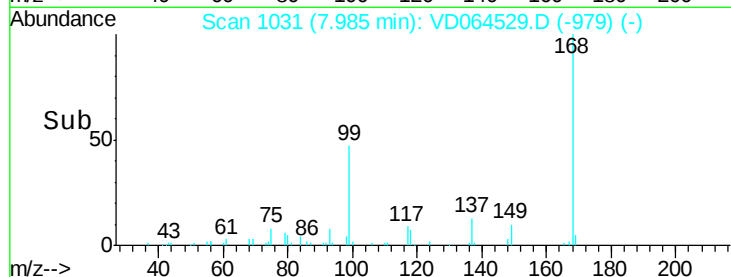
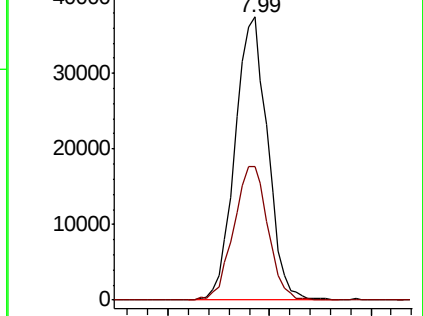
168 100

99 47.0 40.7 61.1



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: 71.234 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064529.D

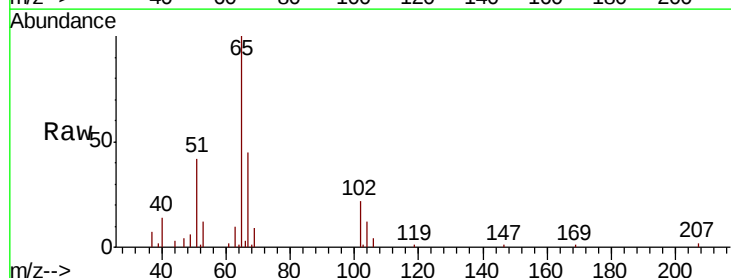
Acq: 16 Dec 2019 17:58

Tgt Ion: 65 Resp: 53813

Ion Ratio Lower Upper

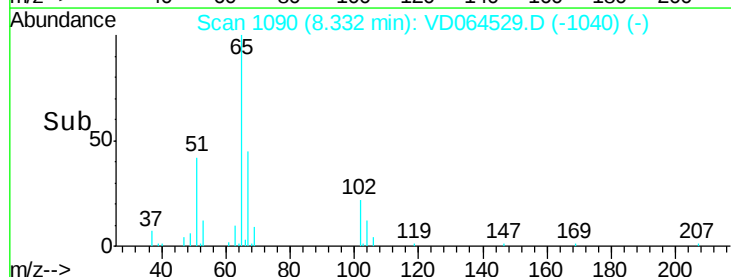
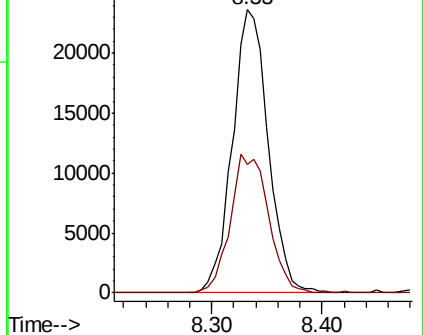
65 100

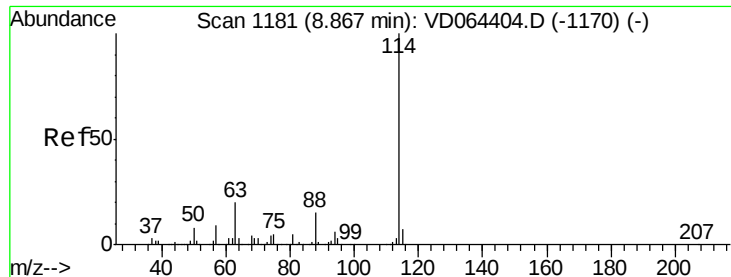
67 51.9 0.0 102.0



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. -0.01 min

Lab File: VD064529.D

Acq: 16 Dec 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-BH-02

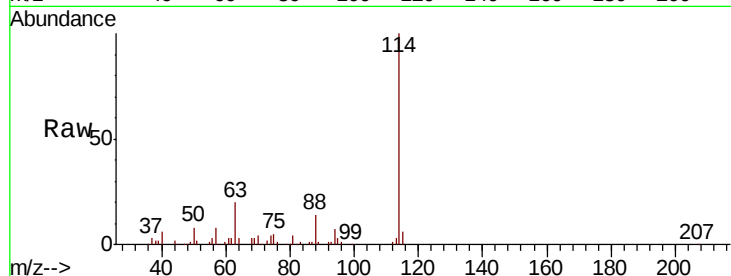
Tot Ion:114 Resp: 131146

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

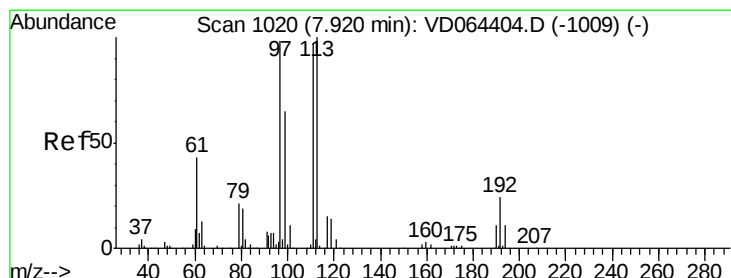
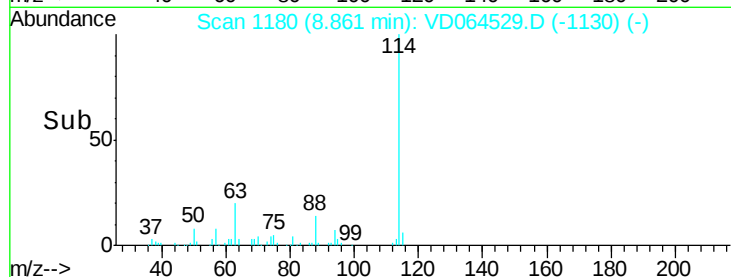
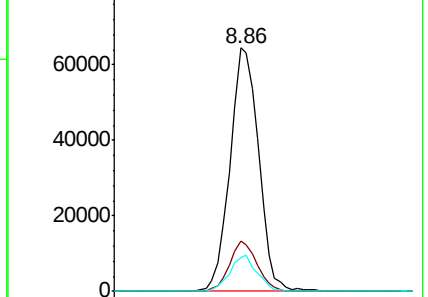
88 13.9 0.0 29.2



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: 54.442 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064529.D

Acq: 16 Dec 2019 17:58

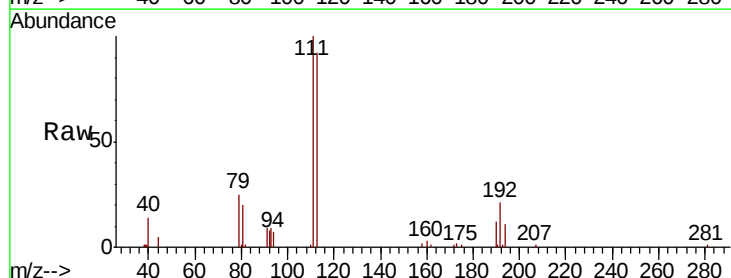
Tgt Ion:113 Resp: 44985

Ion Ratio Lower Upper

113 100

111 103.8 79.4 119.2

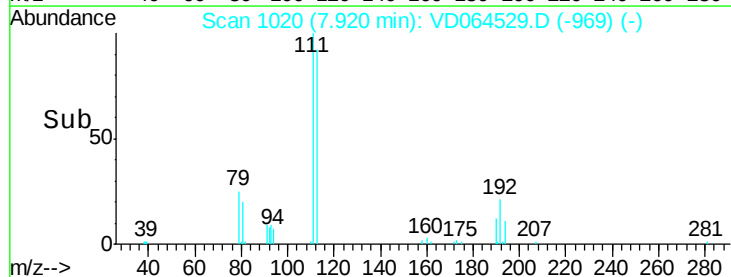
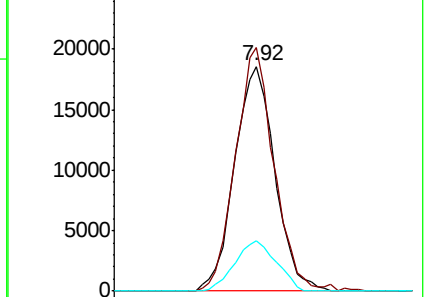
192 23.1 18.6 28.0

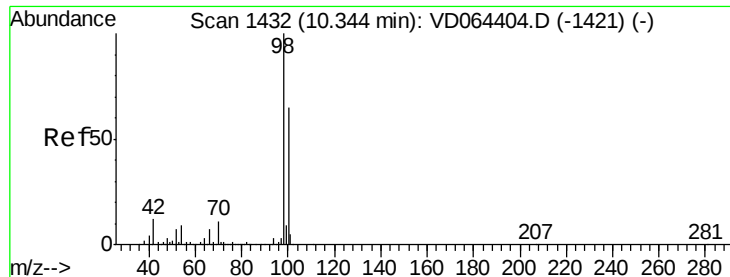


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.996 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064529.D

Acq: 16 Dec 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

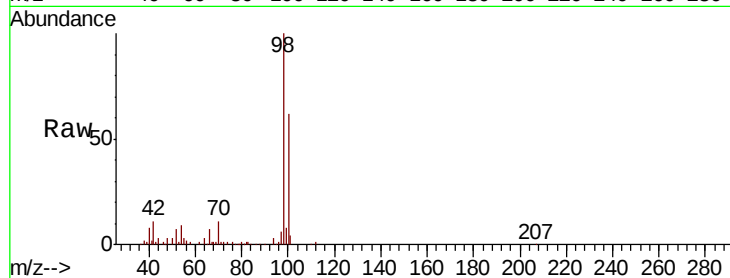
SHORE-RD-BH-02

Tot Ion: 98 Resp: 158725

Ion Ratio Lower Upper

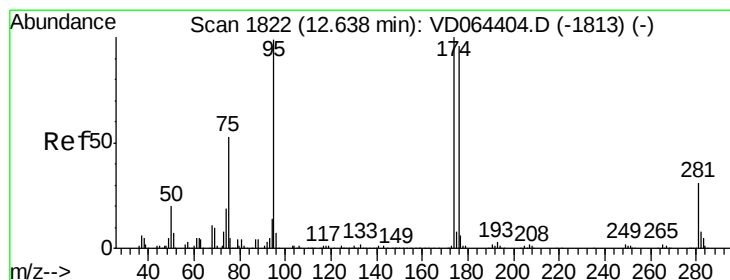
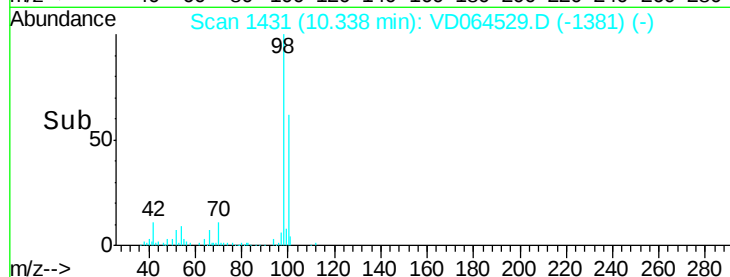
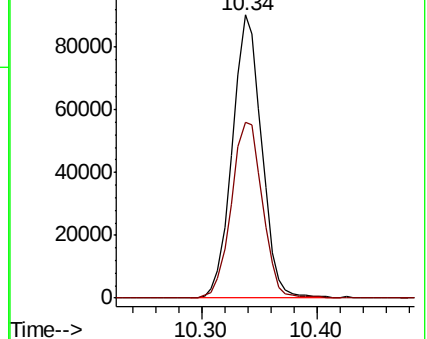
98 100

100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VD064404.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD064404.D (-1421) (-)



#62

4-Bromofluorobenzene

Concen: 64.602 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064529.D

Acq: 16 Dec 2019 17:58

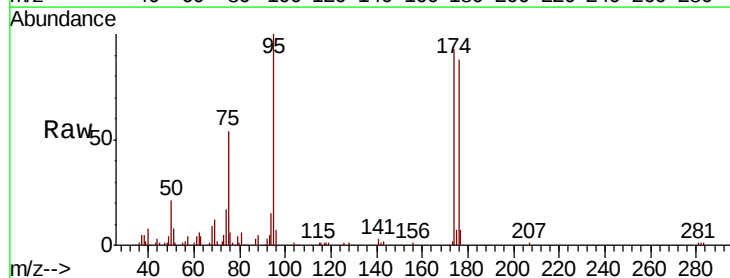
Tgt Ion: 95 Resp: 64620

Ion Ratio Lower Upper

95 100

174 95.3 0.0 197.2

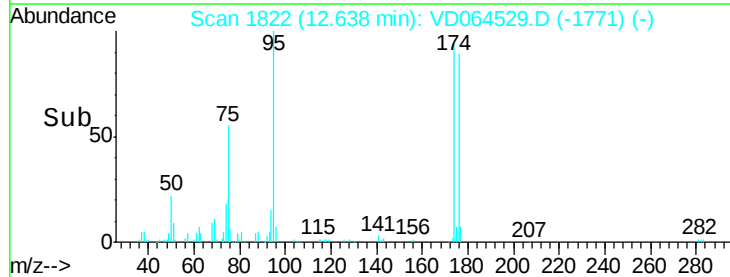
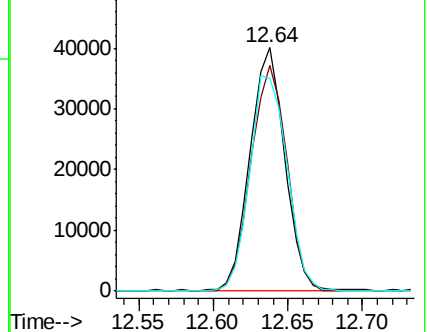
176 95.3 0.0 189.6

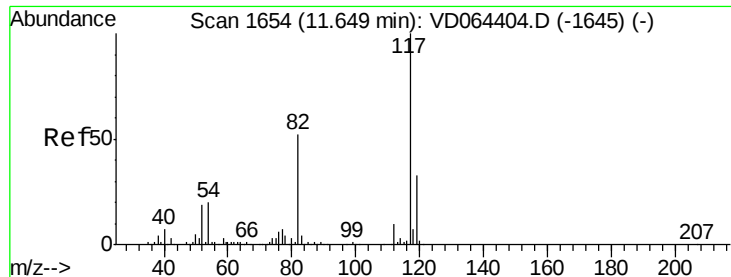


Abundance Ion 94.90 (94.60 to 95.60): VD064404.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD064404.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD064404.D (-1813) (-)

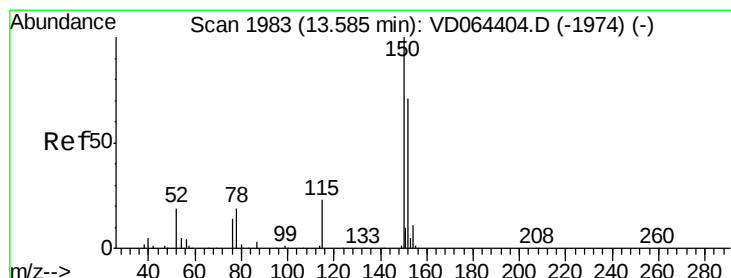
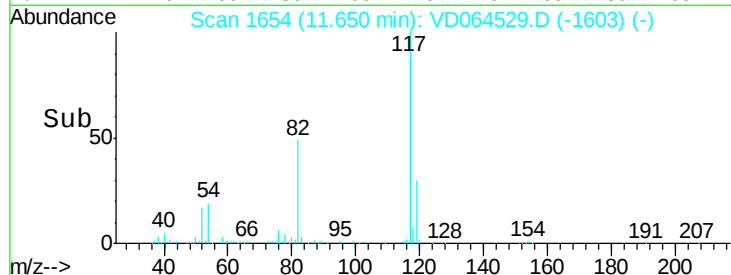
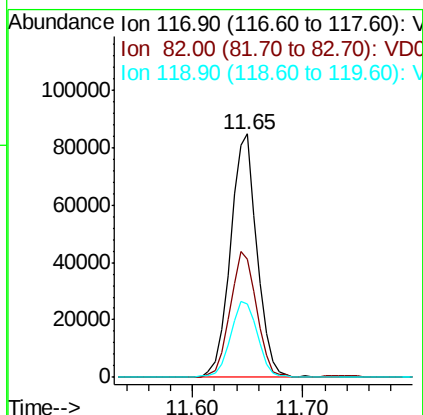
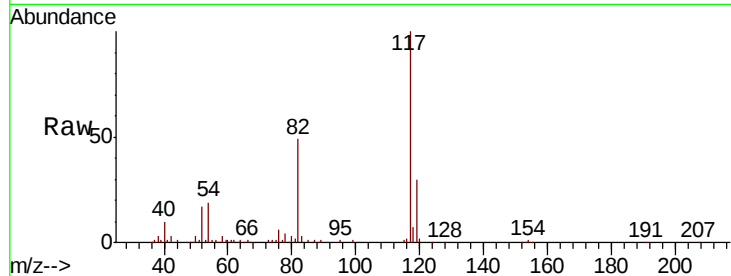




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064529.D
Acq: 16 Dec 2019 17:58

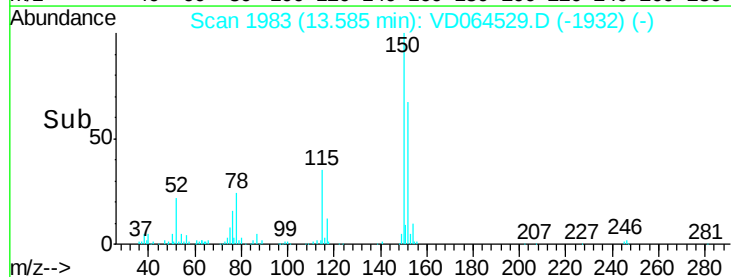
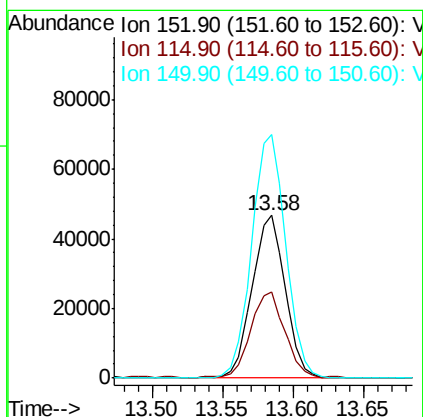
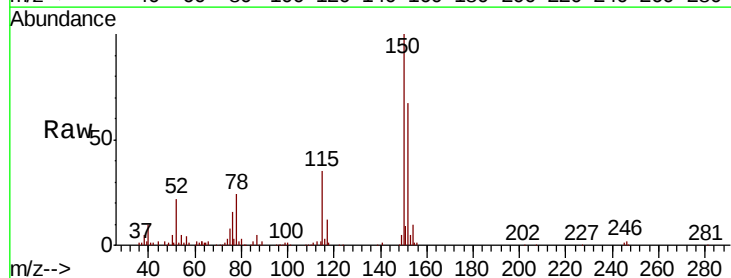
Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-02

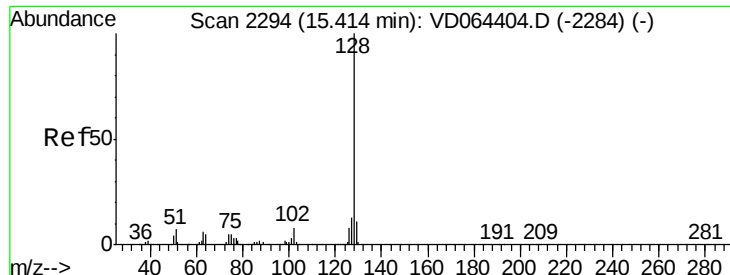
Tot Ion:117 Resp: 142498
Ion Ratio Lower Upper
117 100
82 48.4 41.4 62.2
119 30.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064529.D
Acq: 16 Dec 2019 17:58

Tgt Ion:152 Resp: 77286
Ion Ratio Lower Upper
152 100
115 55.5 26.7 80.1
150 153.3 0.0 347.2

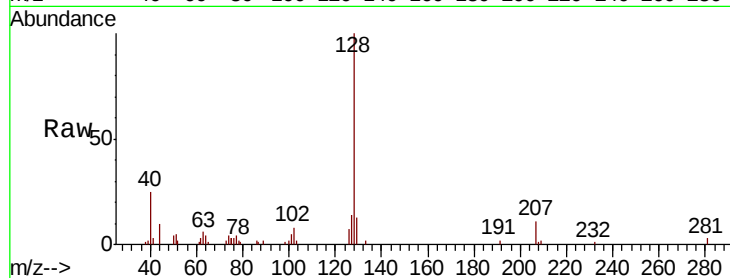




#95
Naphthalene
Concen: 9.408 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD064529.D
Acq: 16 Dec 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	13.2	8.8	13.2



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

