

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064531.D
 Acq On : 16 Dec 2019 18:55
 Operator : VA/SY
 Sample : K6299-07
 Misc : 4.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-BH-03

Quant Time: Dec 17 07:00:22 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

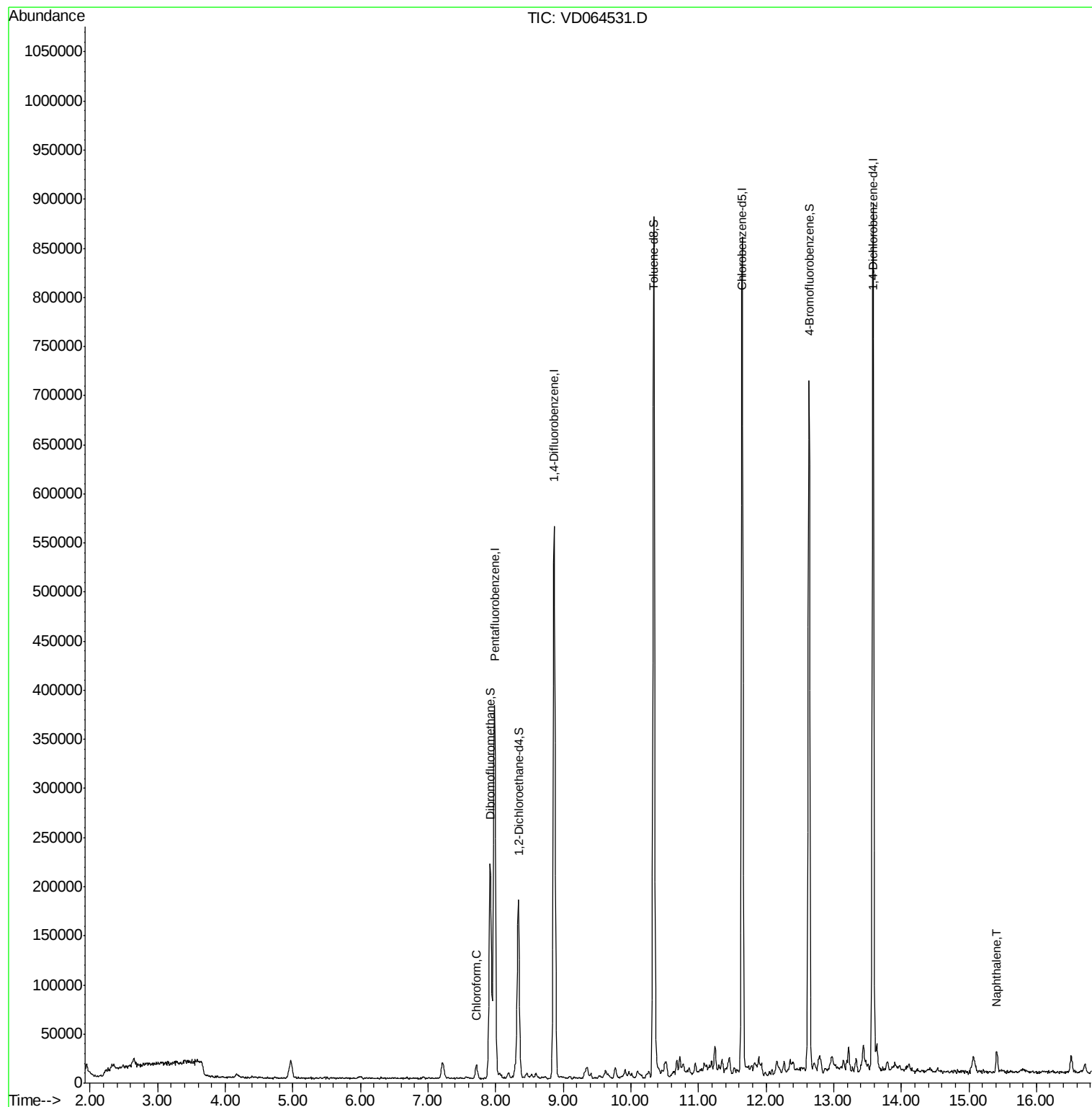
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	307002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	491473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	487408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	146021	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
35) Dibromofluoromethane	7.92	113	152023	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.34	98	584164	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.64	95	214509	57.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.44%	
Target Compounds						
30) Chloroform	7.72	83	12501	2.354	ug/l	99
95) Naphthalene	15.41	128	19517	2.198	ug/l	98

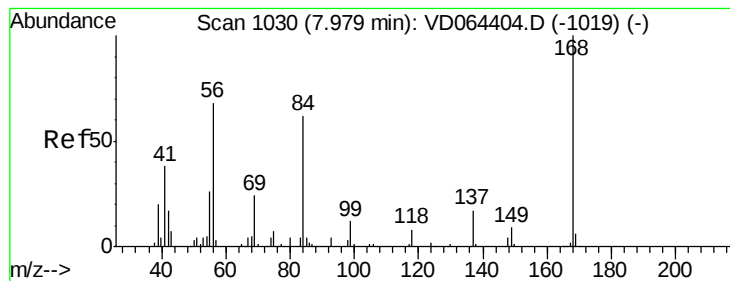
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064531.D

Acq: 16 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

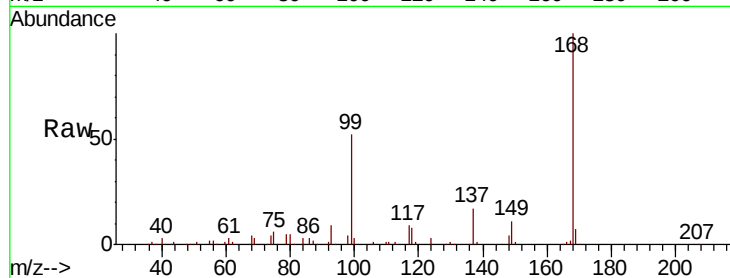
SHORE-RD-BH-03

Tot Ion:168 Resp: 307002

Ion Ratio Lower Upper

168 100

99 52.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

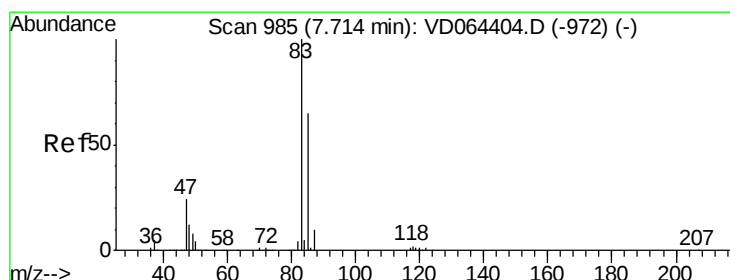
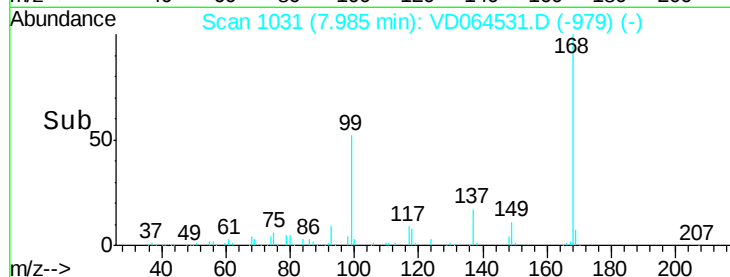
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 2.354 ug/l

RT: 7.72 min Scan# 986

Delta R.T. 0.01 min

Lab File: VD064531.D

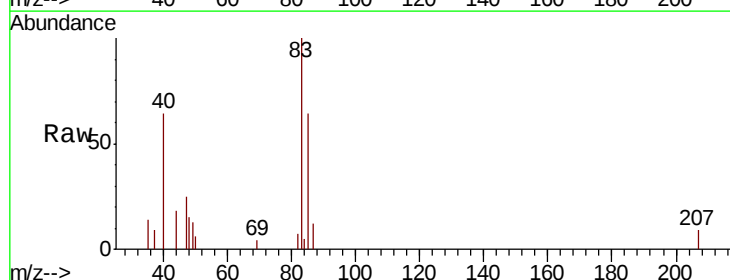
Acq: 16 Dec 2019 18:55

Tgt Ion: 83 Resp: 12501

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

7.72

6000

5000

4000

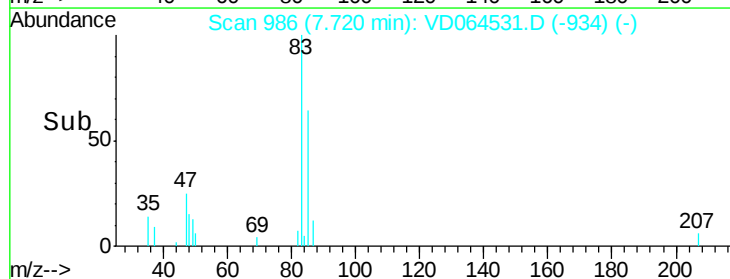
3000

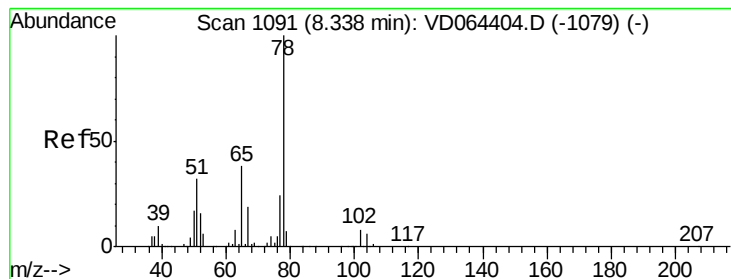
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.548 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064531.D

Acq: 16 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

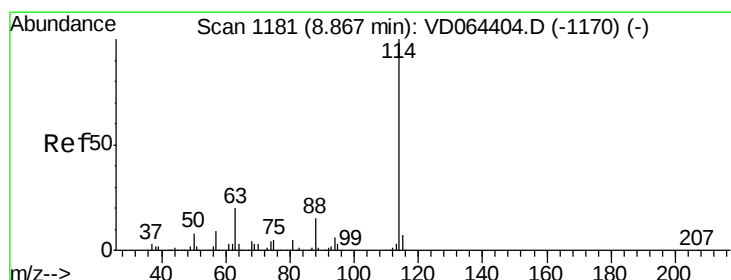
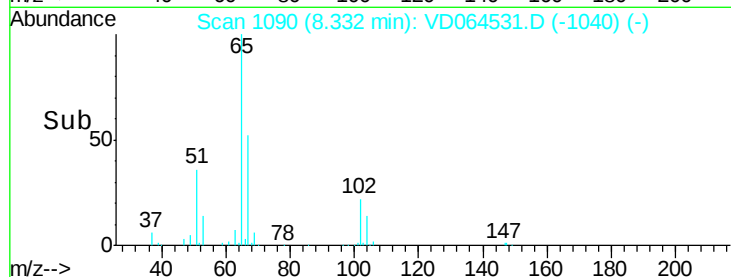
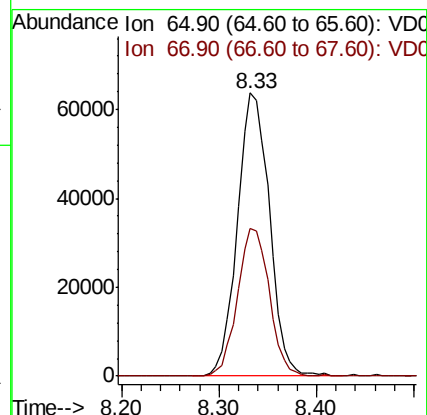
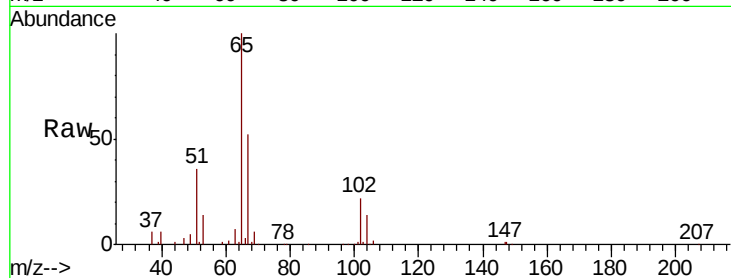
SHORE-RD-BH-03

Tot Ion: 65 Resp: 146021

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064531.D

Acq: 16 Dec 2019 18:55

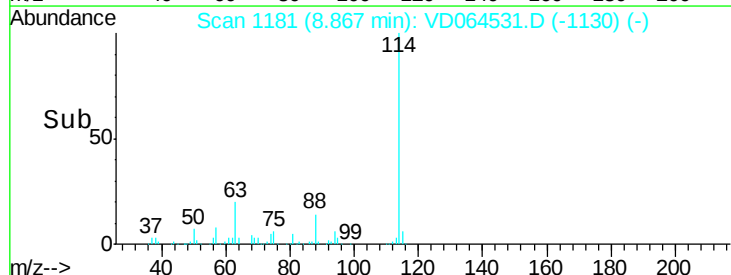
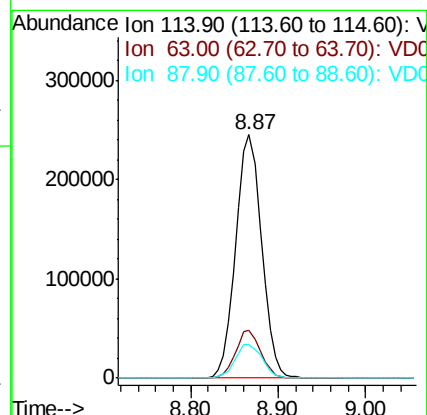
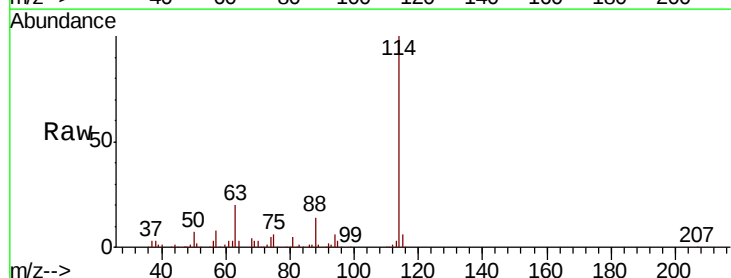
Tgt Ion: 114 Resp: 491473

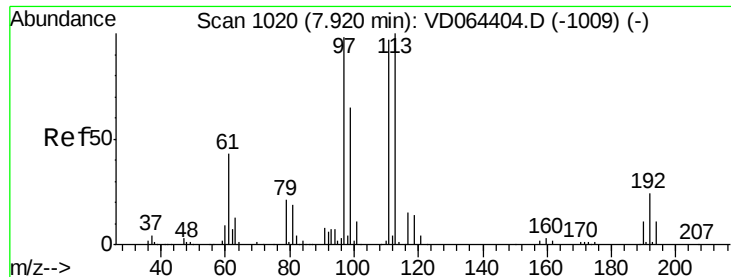
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 13.8 0.0 29.2

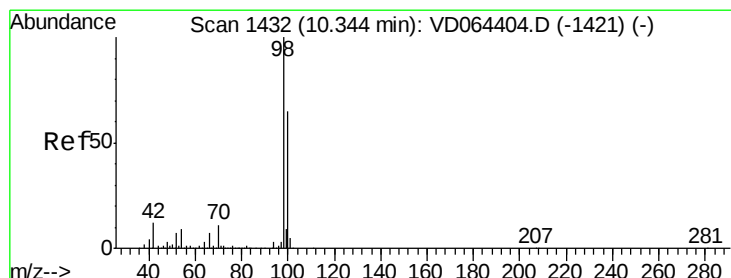
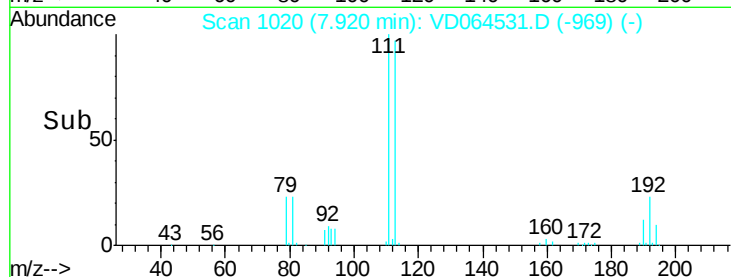
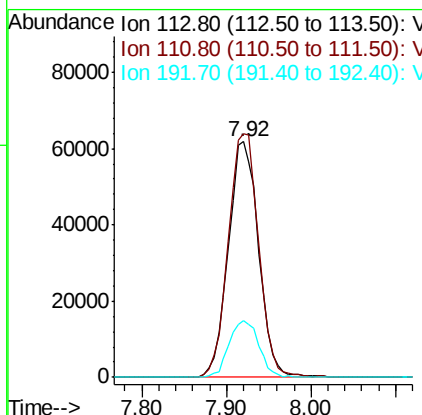
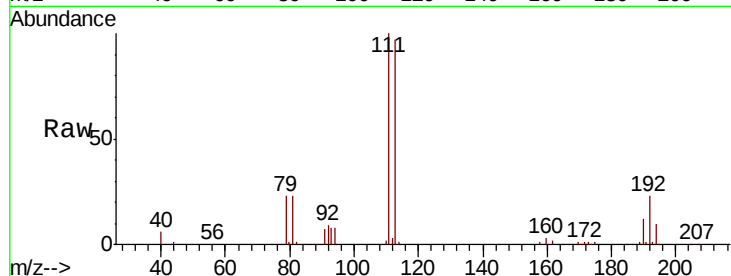




#35
Dibromofluoromethane
Concen: 49.095 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064531.D
Acq: 16 Dec 2019 18:55

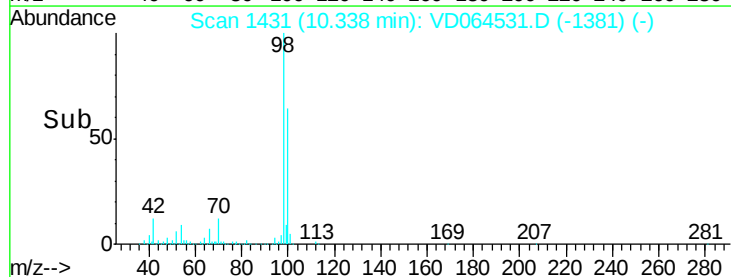
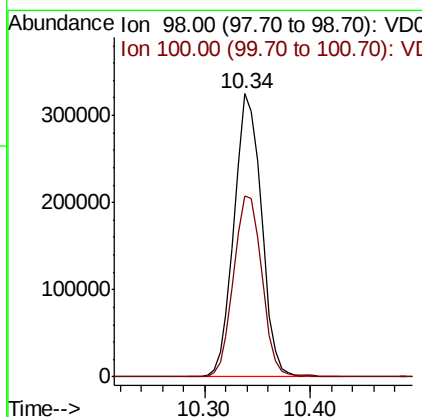
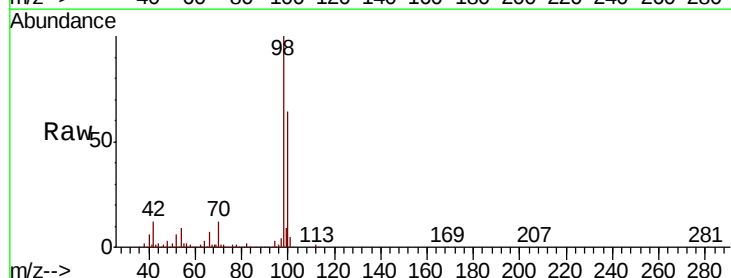
Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-03

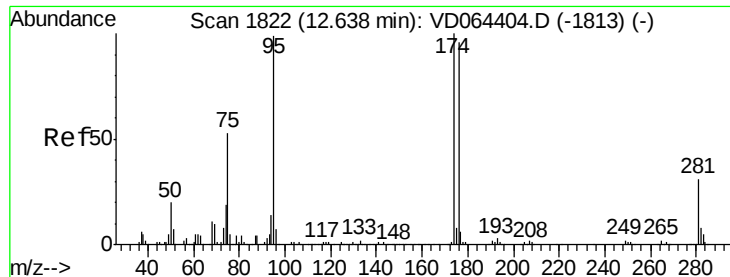
Tot Ion:113 Resp: 152023
Ion Ratio Lower Upper
113 100
111 103.6 79.4 119.2
192 23.7 18.6 28.0



#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064531.D
Acq: 16 Dec 2019 18:55

Tgt Ion: 98 Resp: 584164
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 57.224 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064531.D

Acq: 16 Dec 2019 18:55

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-BH-03

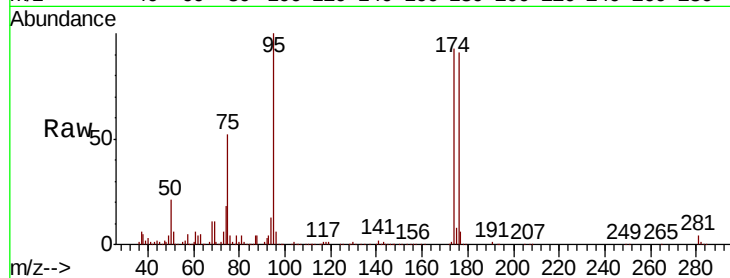
Tot Ion: 95 Resp: 214509

Ion Ratio Lower Upper

95 100

174 96.2 0.0 197.2

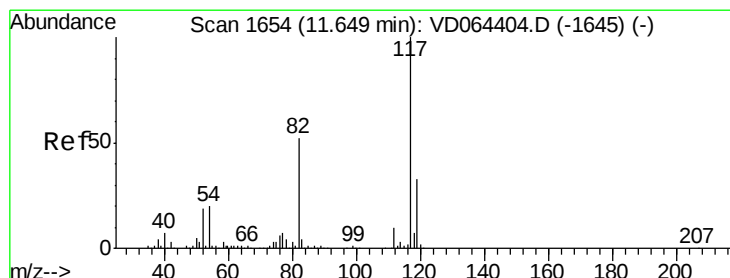
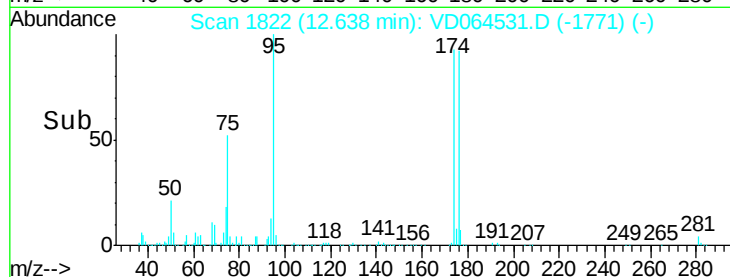
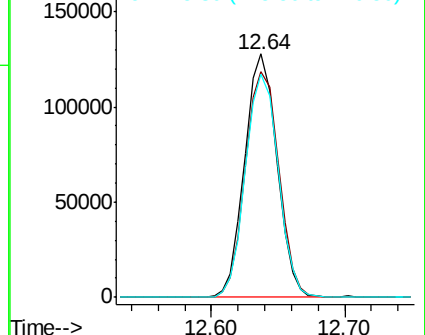
176 92.7 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064531.D

Acq: 16 Dec 2019 18:55

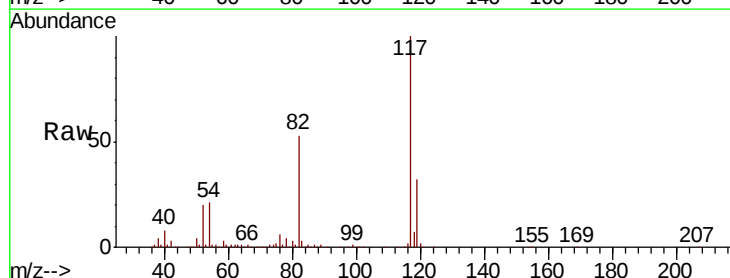
Tgt Ion: 117 Resp: 487408

Ion Ratio Lower Upper

117 100

82 52.8 41.4 62.2

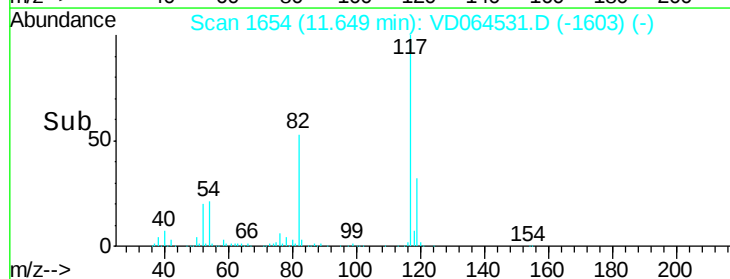
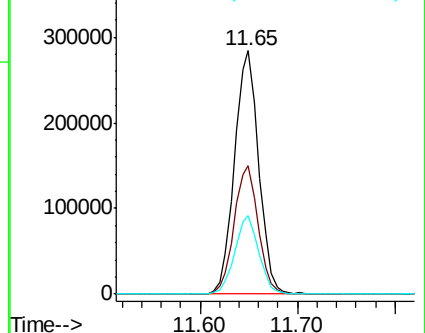
119 32.2 26.2 39.2

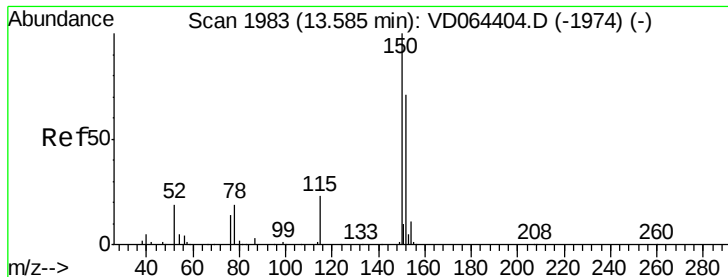


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



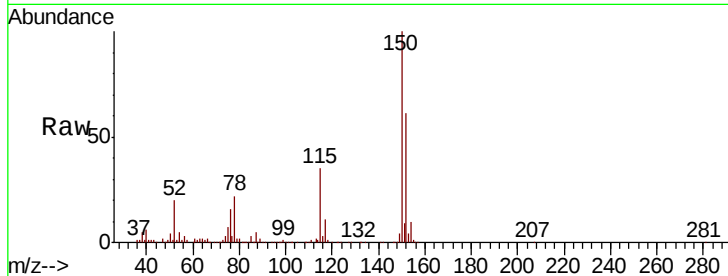


#72

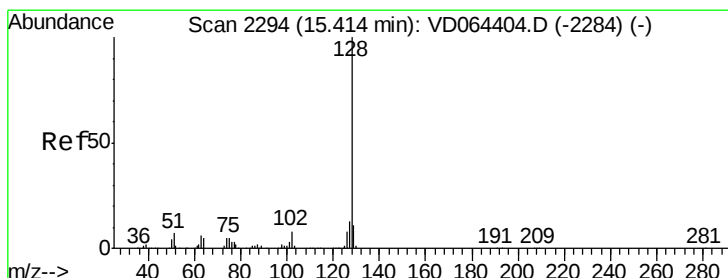
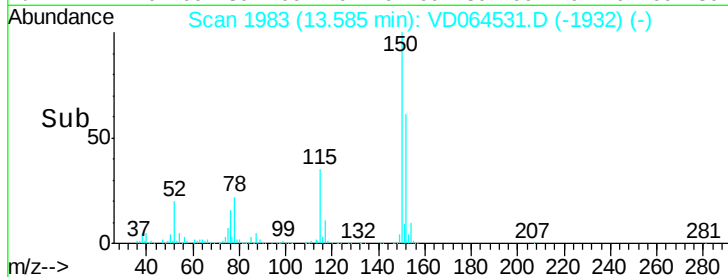
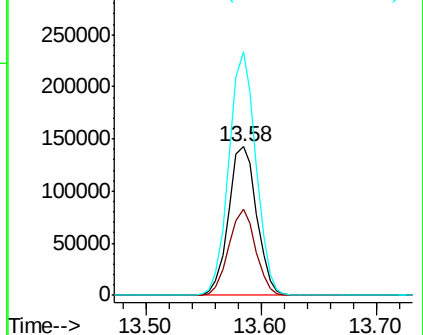
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064531.D
Acq: 16 Dec 2019 18:55

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-03

Tot Ion:152 Resp: 241187
Ion Ratio Lower Upper
152 100
115 55.3 26.7 80.1
150 156.9 0.0 347.2



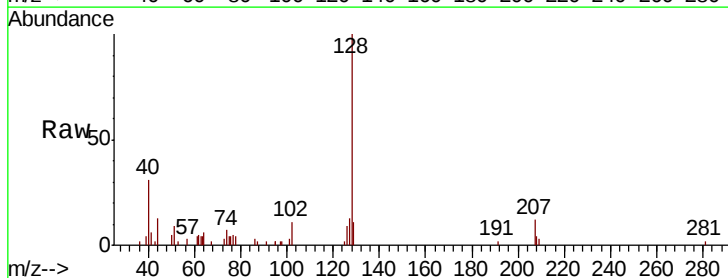
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.198 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064531.D
Acq: 16 Dec 2019 18:55

Tgt Ion:128 Resp: 19517
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 12.1 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

