

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064532.D
 Acq On : 16 Dec 2019 19:24
 Operator : VA/SY
 Sample : K6299-09
 Misc : 5.25G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-BH-04

Quant Time: Dec 17 04:11:22 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

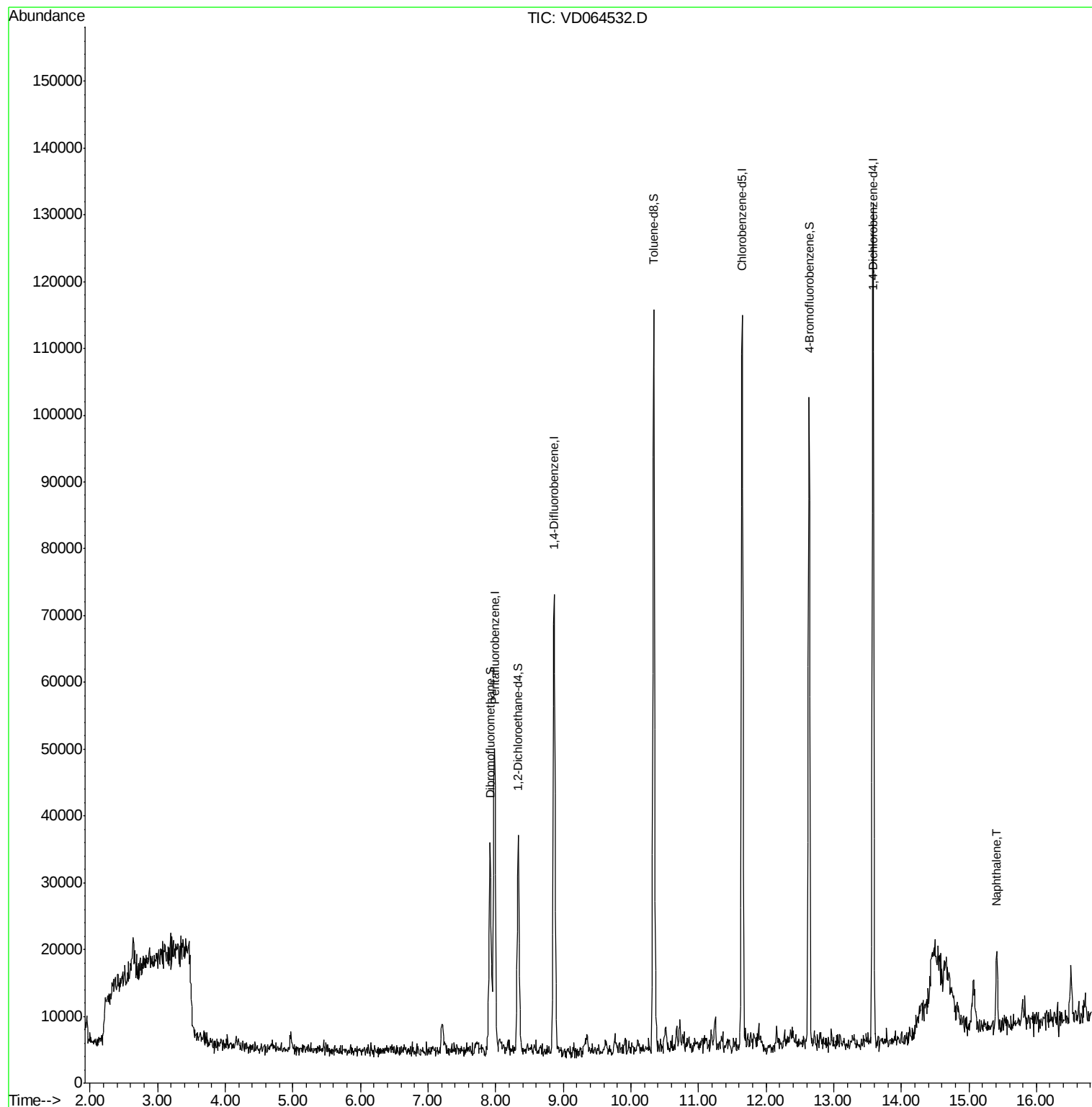
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	36070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	57314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	62846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	33723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	22744	69.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.32%	
35) Dibromofluoromethane	7.92	113	19896	55.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.20%	
50) Toluene-d8	10.34	98	70376	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.64	95	27938	63.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.82%	
Target Compounds						
95) Naphthalene	15.41	128	9309	7.497	ug/l #	Qvalue 91

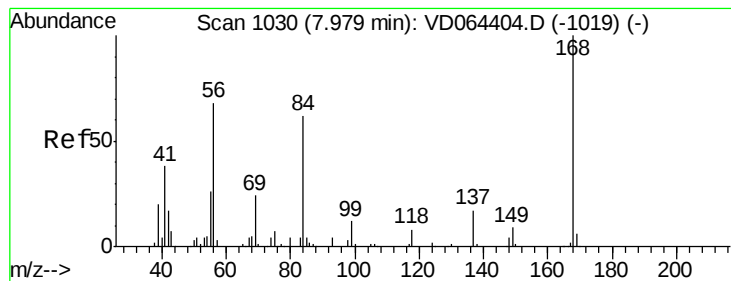
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064532.D

Acq: 16 Dec 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

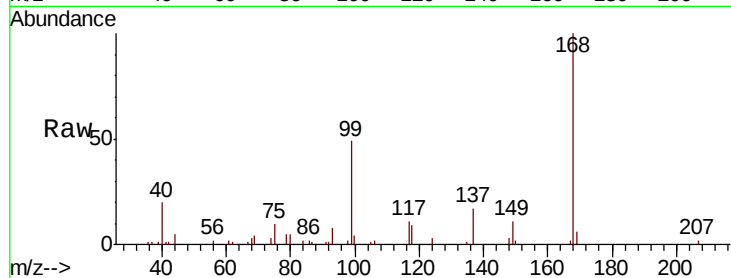
SHORE-RD-BH-04

Tot Ion:168 Resp: 36070

Ion Ratio Lower Upper

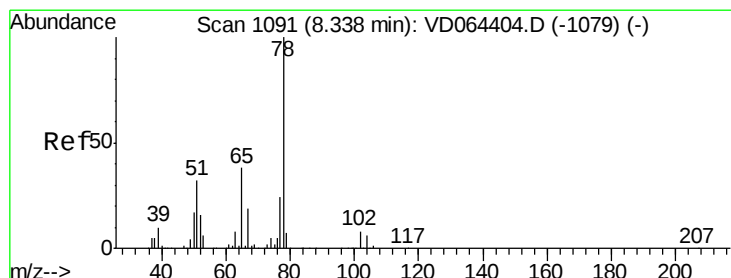
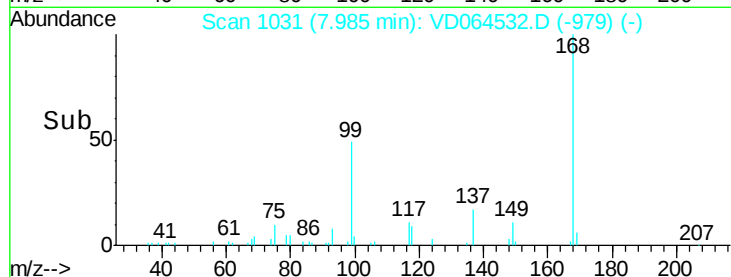
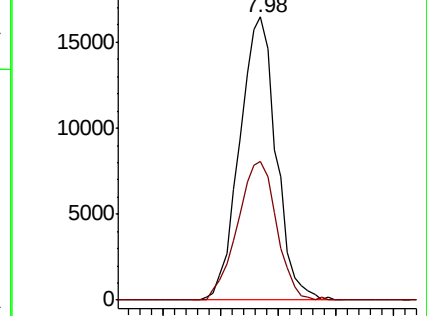
168 100

99 49.1 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: 69.663 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064532.D

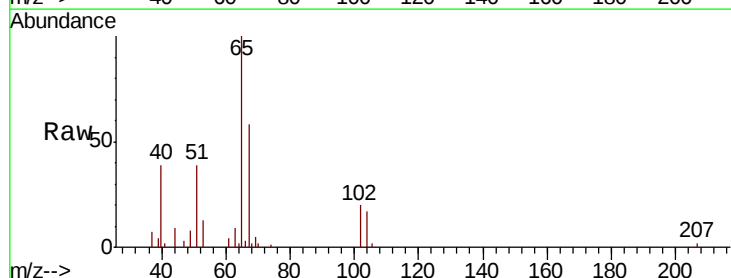
Acq: 16 Dec 2019 19:24

Tgt Ion: 65 Resp: 22744

Ion Ratio Lower Upper

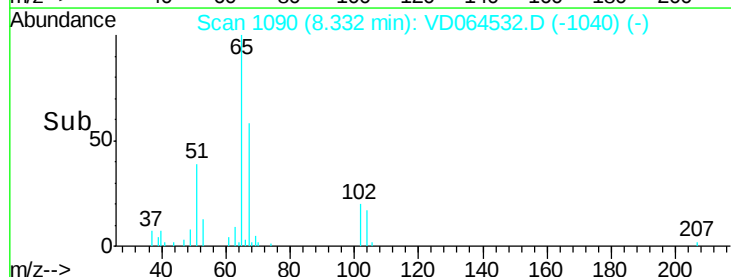
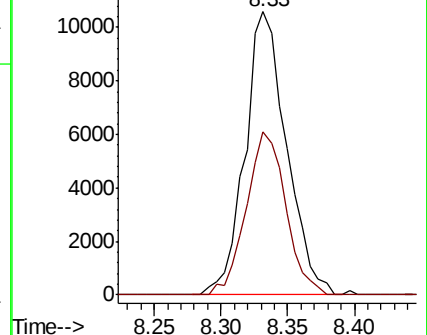
65 100

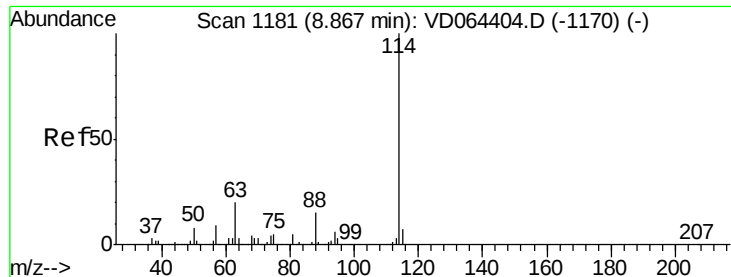
67 54.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

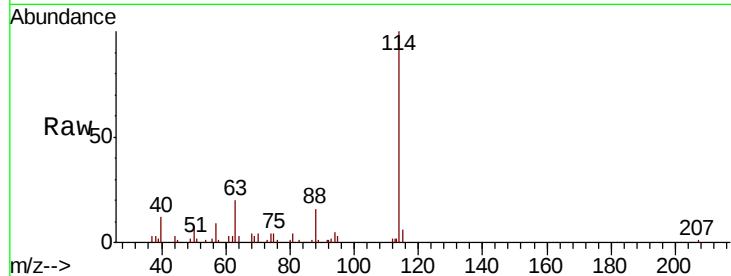




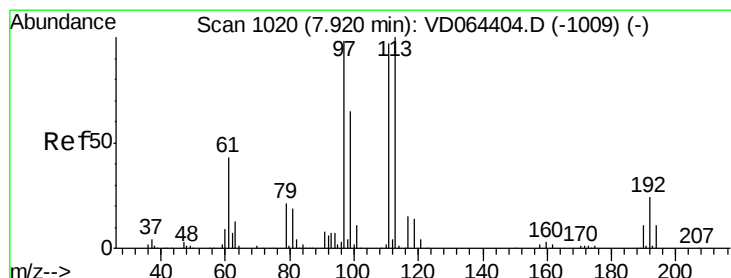
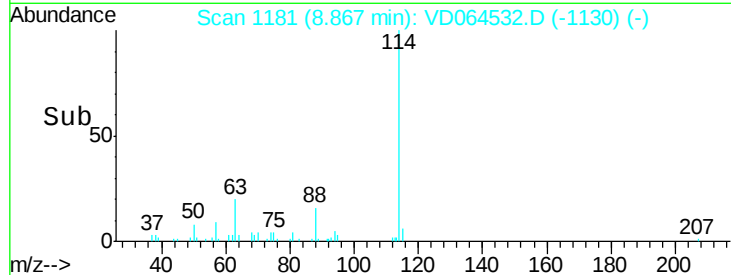
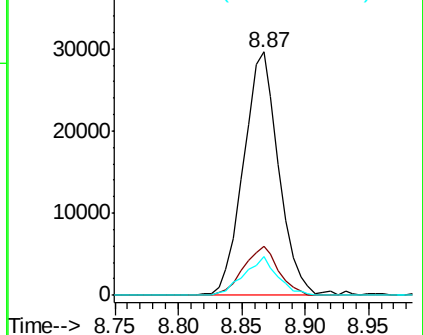
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064532.D
 Acq: 16 Dec 2019 19:24

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-BH-04

Tot Ion:114 Resp: 57314
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.8 0.0 29.2

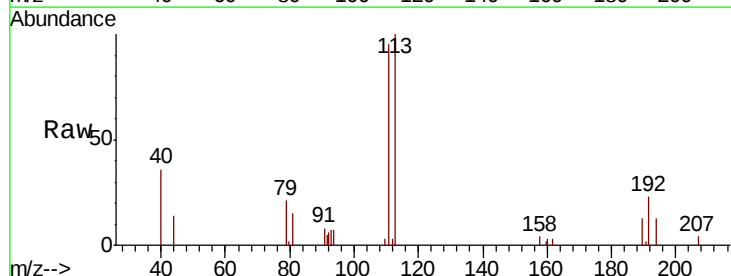


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

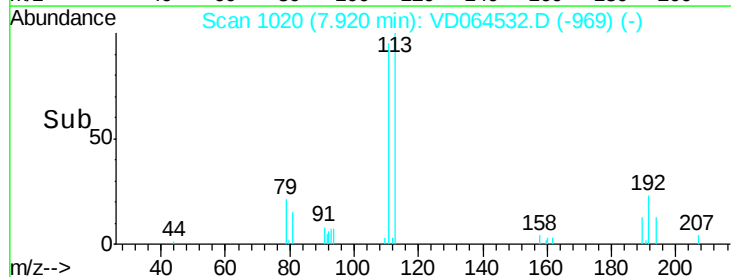
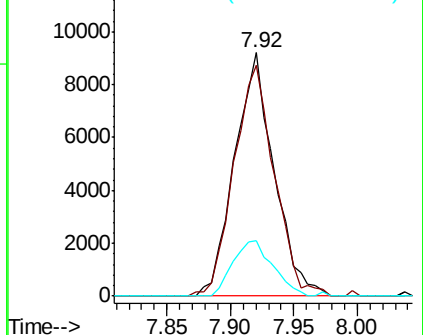


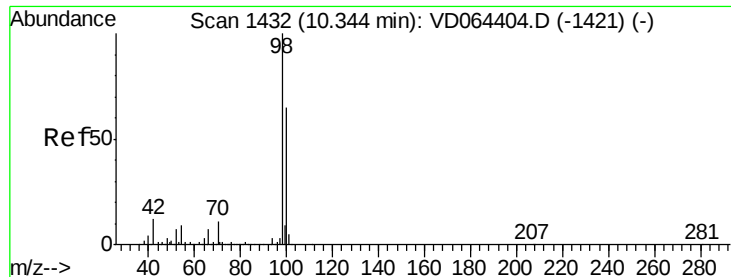
#35
 Dibromofluoromethane
 Concen: 55.097 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064532.D
 Acq: 16 Dec 2019 19:24

Tgt Ion:113 Resp: 19896
 Ion Ratio Lower Upper
 113 100
 111 97.2 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

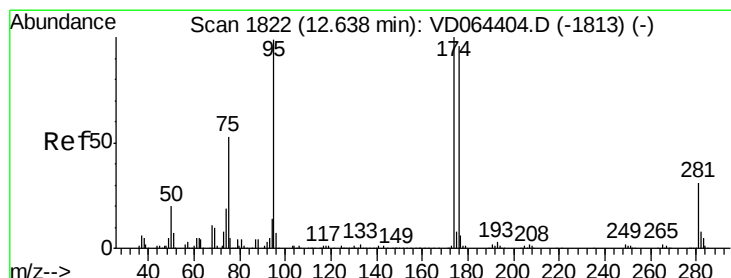
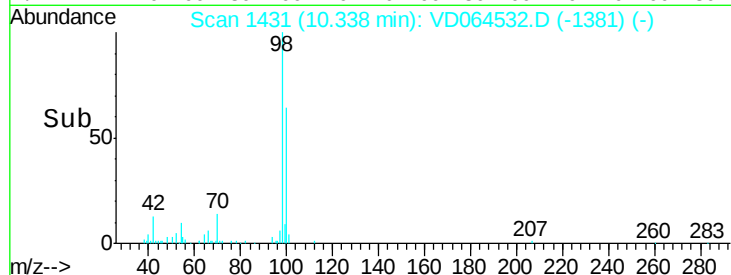
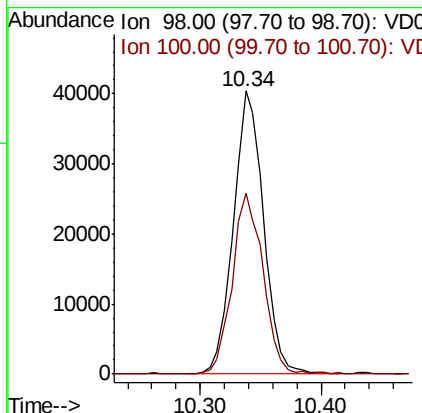
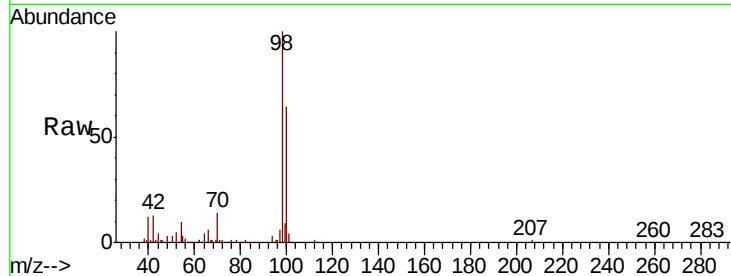




#50
Toluene-d8
Concen: 51.738 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064532.D
Acq: 16 Dec 2019 19:24

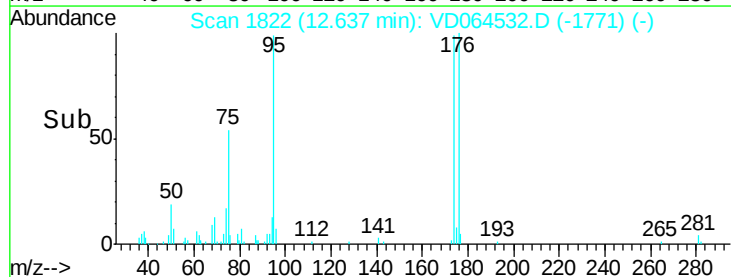
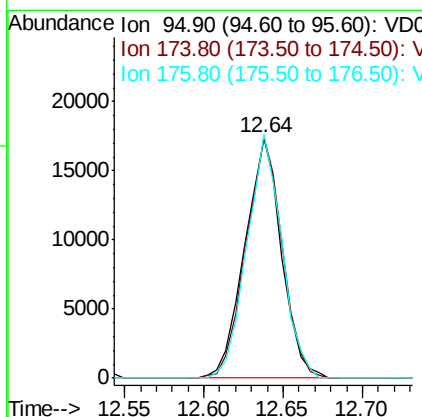
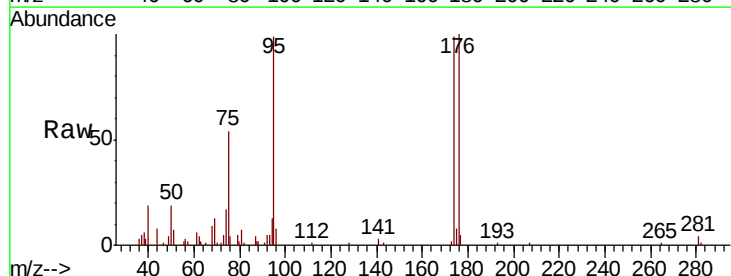
Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-04

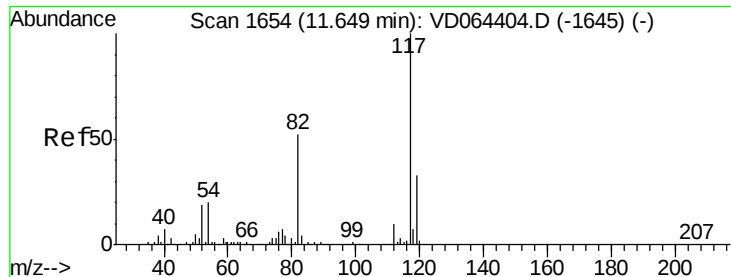
Tot Ion: 98 Resp: 70376
Ion Ratio Lower Upper
98 100
100 65.1 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 63.910 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064532.D
Acq: 16 Dec 2019 19:24

Tgt Ion: 95 Resp: 27938
Ion Ratio Lower Upper
95 100
174 99.3 0.0 197.2
176 96.5 0.0 189.6

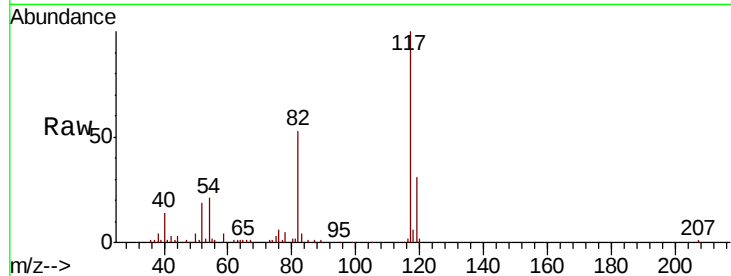




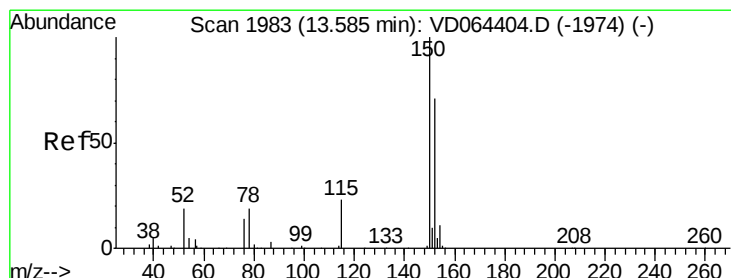
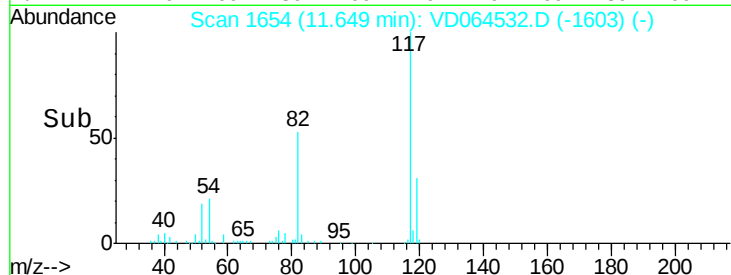
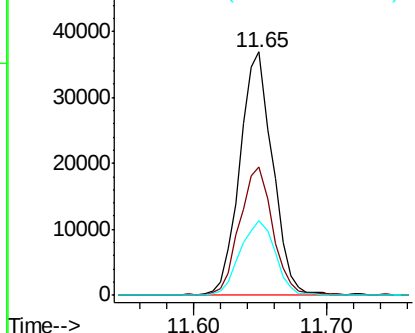
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064532.D
Acq: 16 Dec 2019 19:24

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-04

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.4	62.2
119	30.7	26.2	39.2

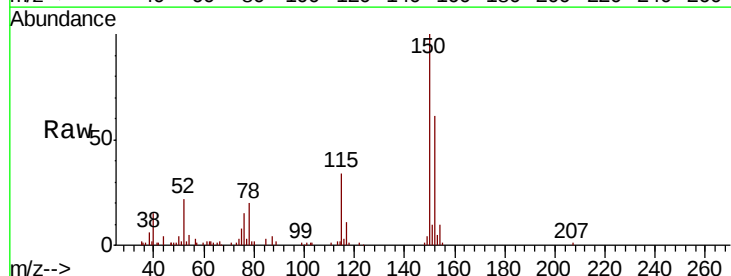


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

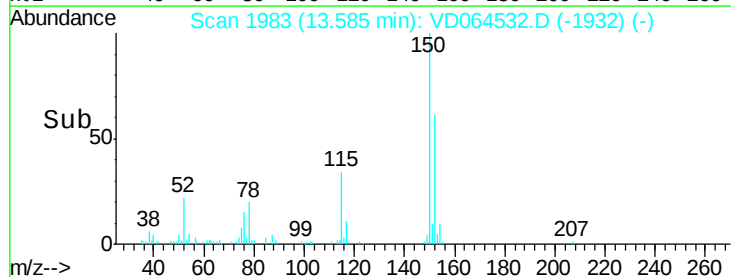
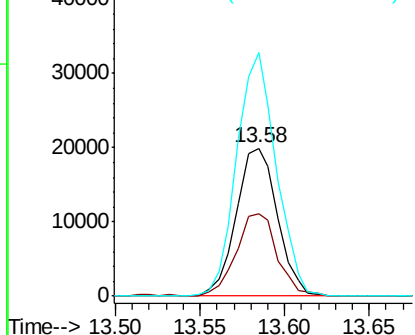


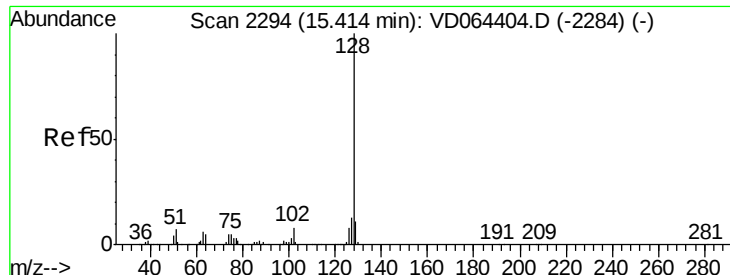
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064532.D
Acq: 16 Dec 2019 19:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	26.7	80.1
150	158.1	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: 7.497 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. -0.00 min

Lab File: VD064532.D

Acq: 16 Dec 2019 19:24

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-BH-04

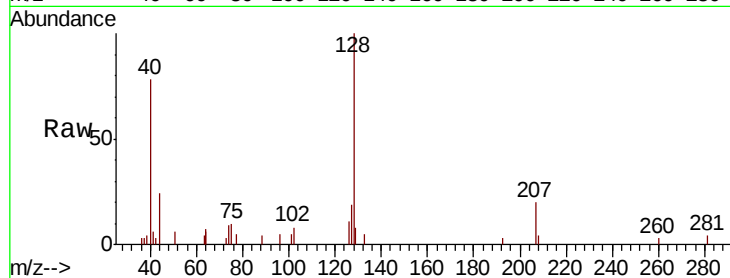
Tot Ion:128 Resp: 9309

Ion Ratio Lower Upper

128 100

127 18.3 10.5 15.7#

129 12.9 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

