

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065073.D
 Acq On : 05 Feb 2020 19:36
 Operator : VA/SY
 Sample : L1408-14
 Misc : 5.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 06 06:13:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

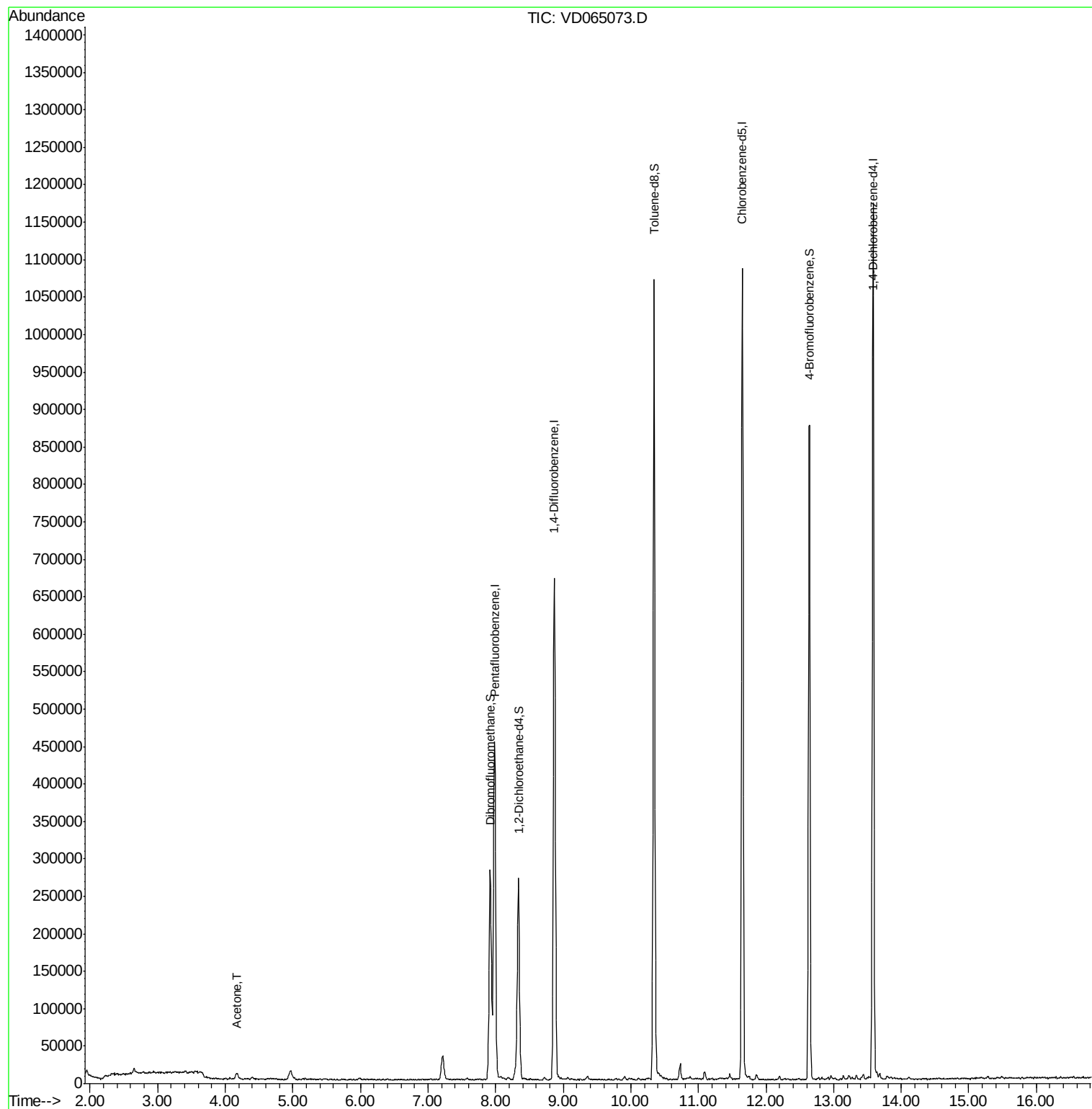
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	354676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	585203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	610478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	310637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	215957	71.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.28%	
35) Dibromofluoromethane	7.92	113	198636	60.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.68%	
50) Toluene-d8	10.34	98	718745	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
62) 4-Bromofluorobenzene	12.64	95	272532	66.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.36%	
Target Compounds						
16) Acetone	4.17	43	15240	20.221	ug/l	Qvalue 97

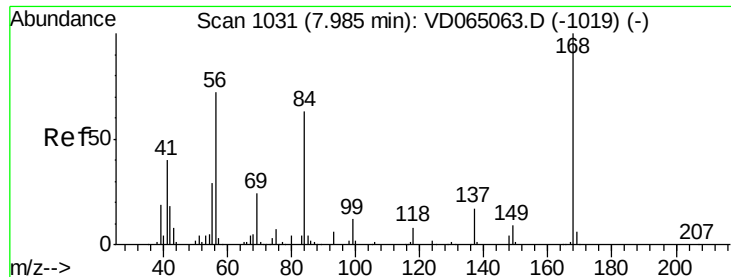
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065073.D

Acq: 05 Feb 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

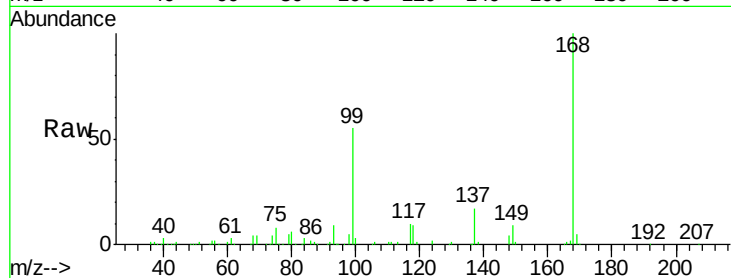
SHORE-RD-PATH-BH-04-B

Tot Ion:168 Resp: 354676

Ion Ratio Lower Upper

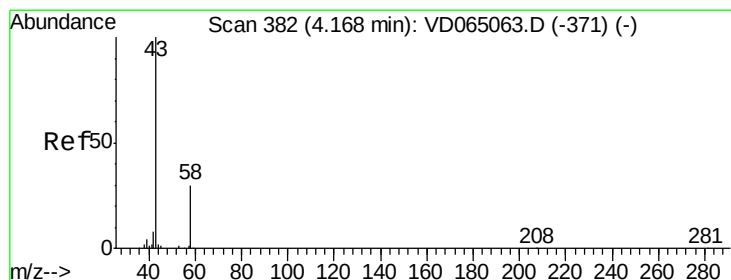
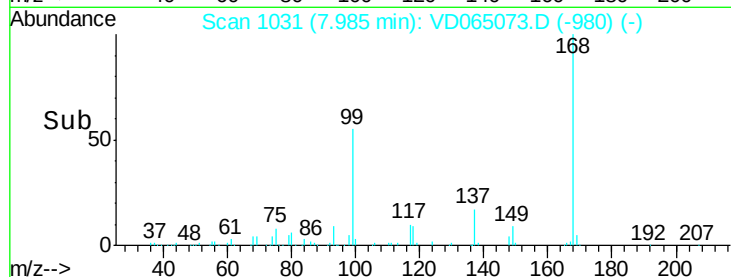
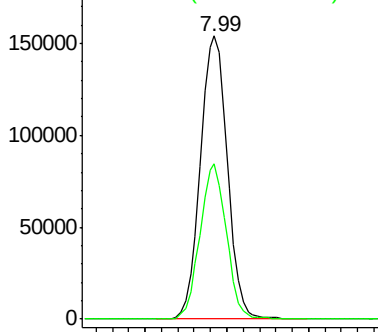
168 100

99 54.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 20.221 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065073.D

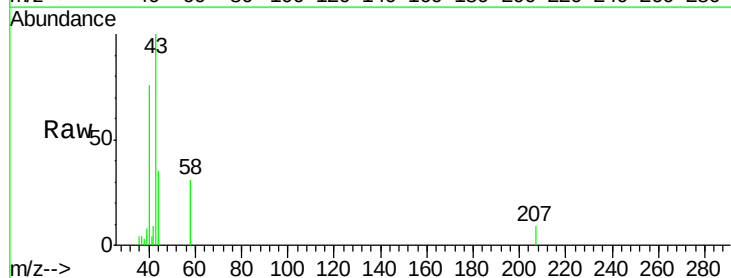
Acq: 05 Feb 2020 19:36

Tgt Ion: 43 Resp: 15240

Ion Ratio Lower Upper

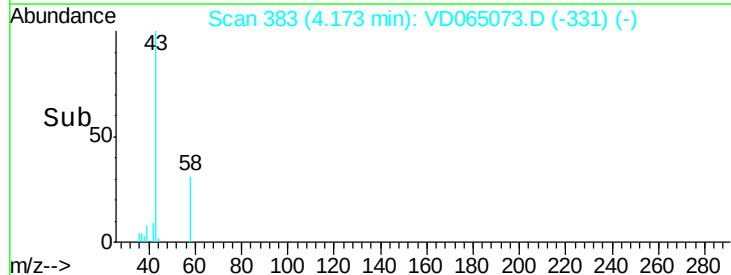
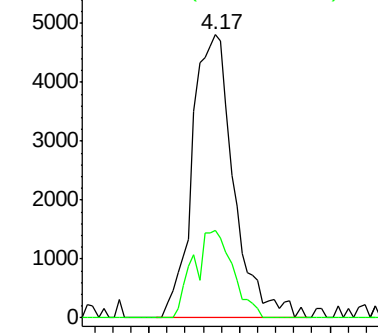
43 100

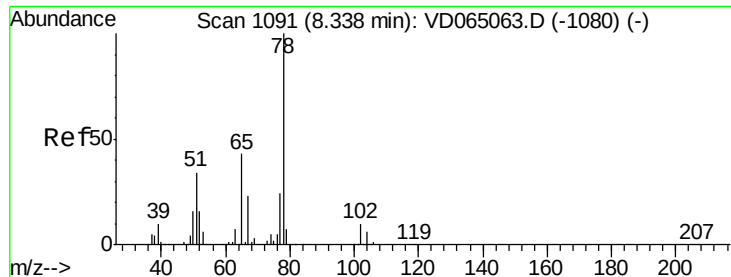
58 30.8 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

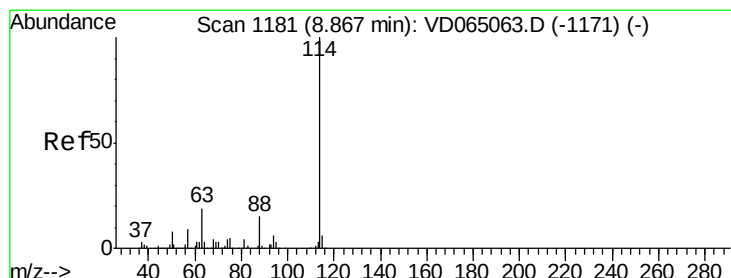
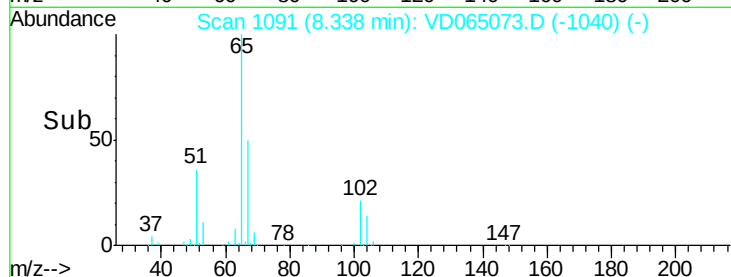
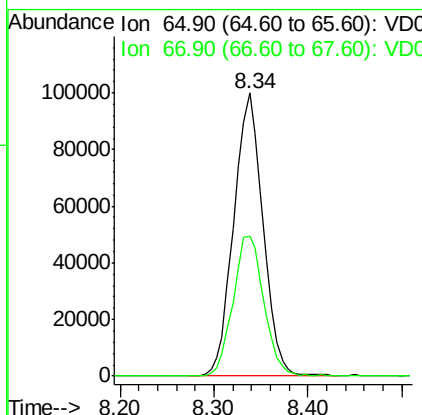
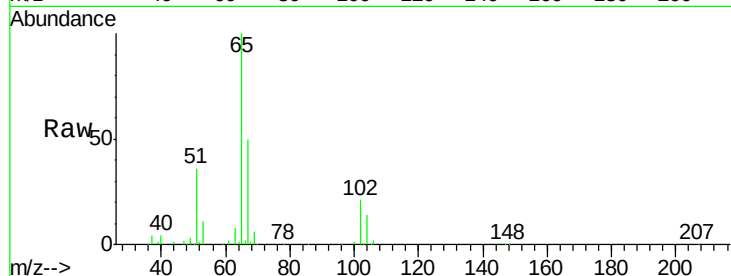




#33
 1,2-Dichloroethane-d4
 Concen: 71.641 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065073.D
 Acq: 05 Feb 2020 19:36

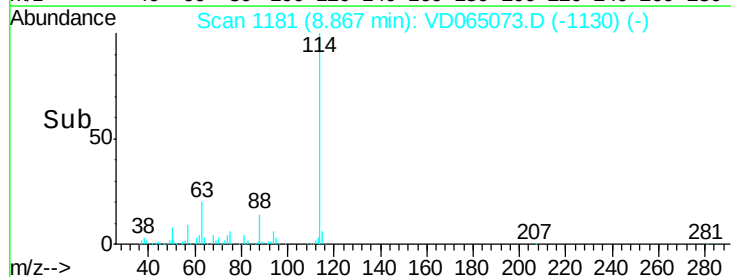
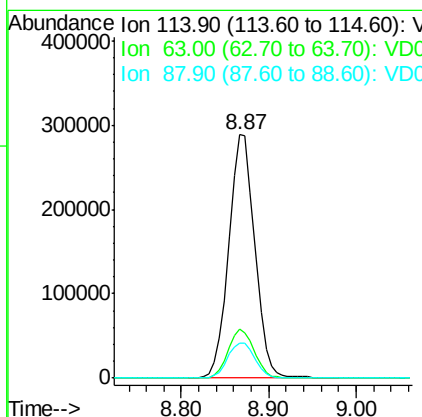
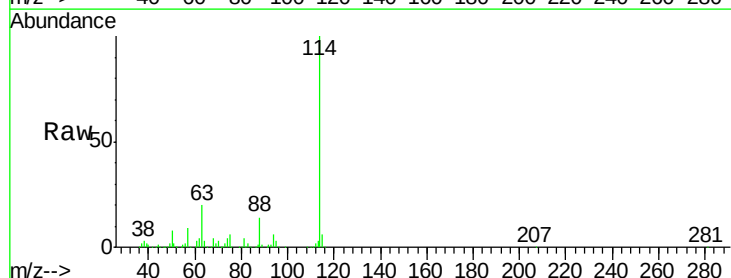
Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-PATH-BH-04-B

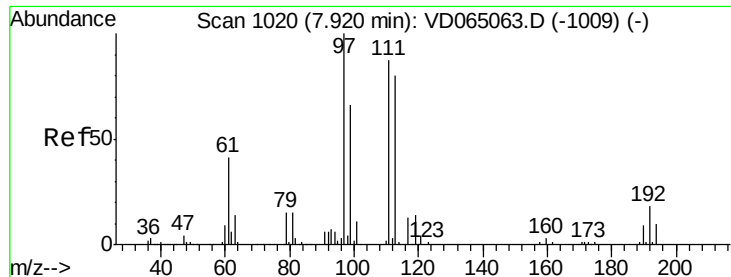
Tot Ion: 65 Resp: 215957
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065073.D
 Acq: 05 Feb 2020 19:36

Tgt Ion: 114 Resp: 585203
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.8
 88 14.5 0.0 29.6

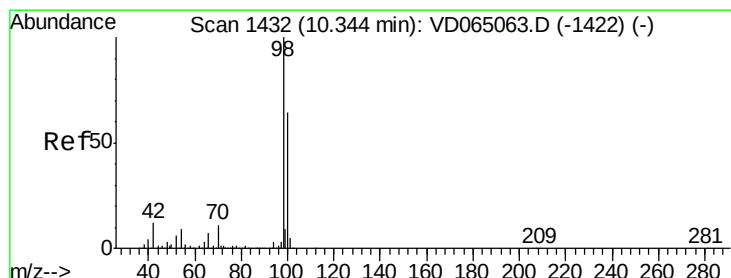
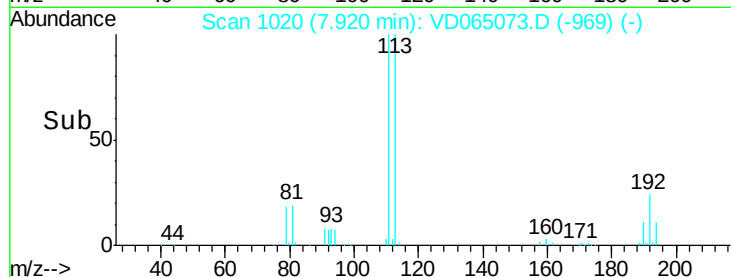
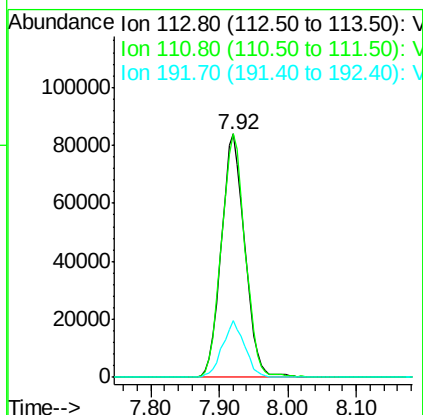
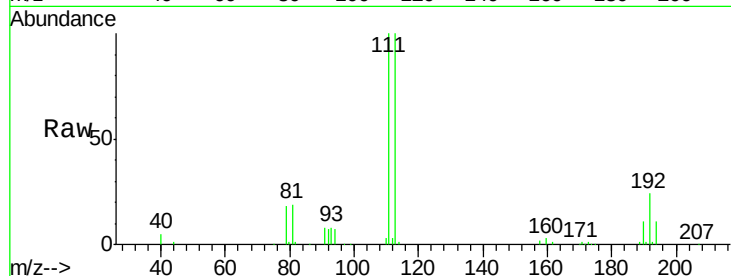




#35
 Dibromofluoromethane
 Concen: 60.837 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065073.D
 Acq: 05 Feb 2020 19:36

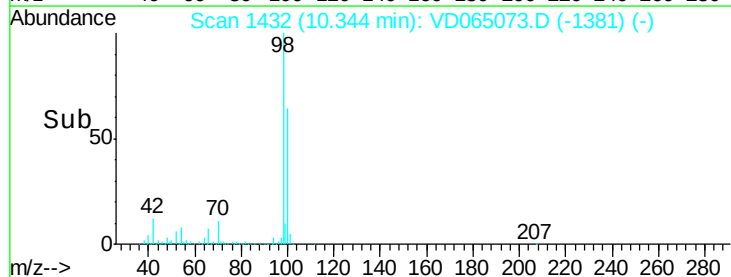
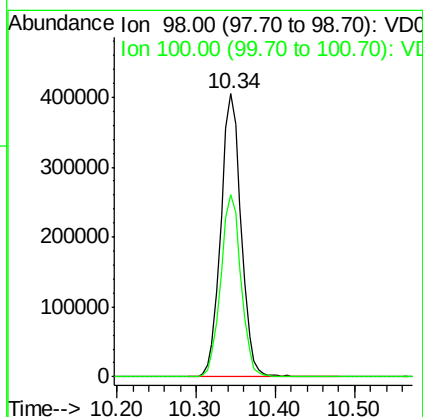
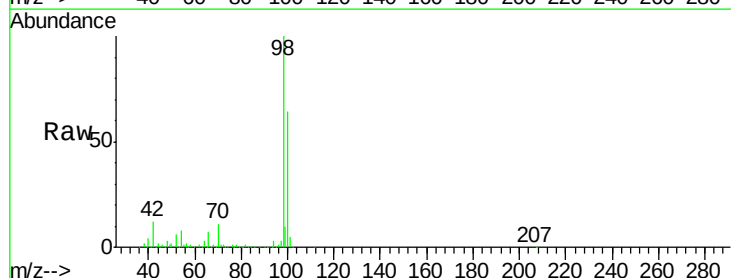
Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-PATH-BH-04-B

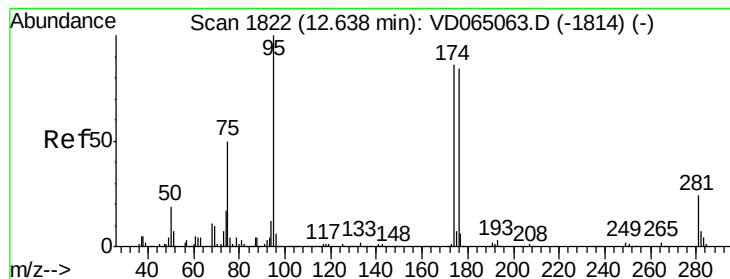
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.1	124.7
192	22.1	18.1	27.1



#50
 Toluene-d8
 Concen: 55.305 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065073.D
 Acq: 05 Feb 2020 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 66.182 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065073.D

Acq: 05 Feb 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-04-B

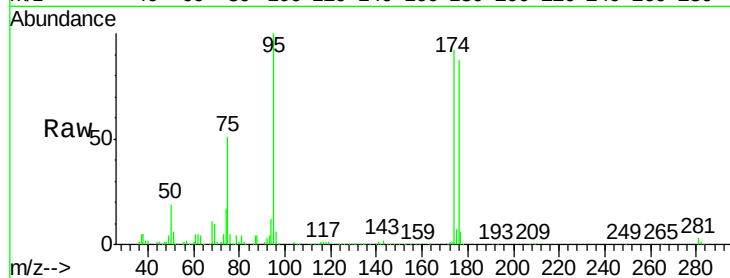
Tot Ion: 95 Resp: 272532

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.0

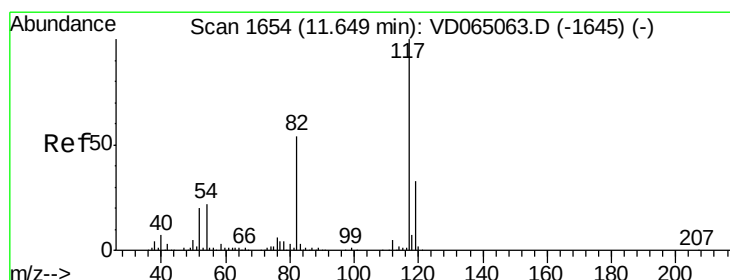
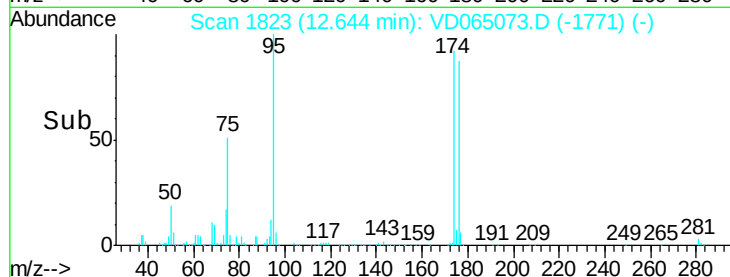
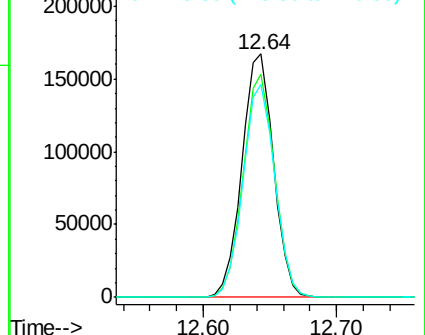
176 88.2 0.0 173.2



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: VD065073.D

Acq: 05 Feb 2020 19:36

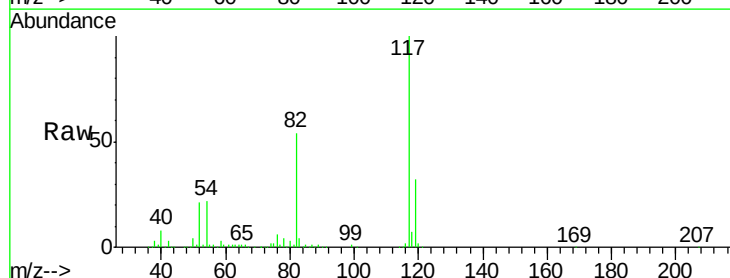
Tgt Ion: 117 Resp: 610478

Ion Ratio Lower Upper

117 100

82 53.9 43.1 64.7

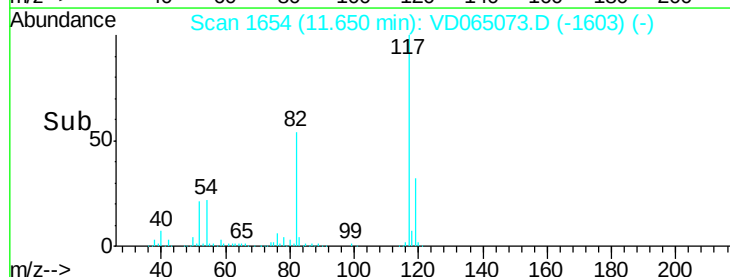
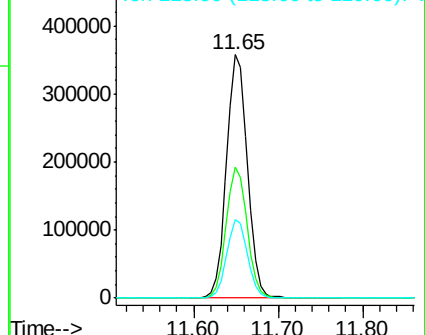
119 32.2 26.0 39.0

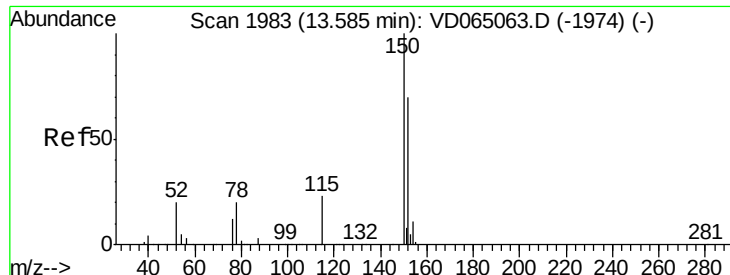


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065073.D

Acq: 05 Feb 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-04-B

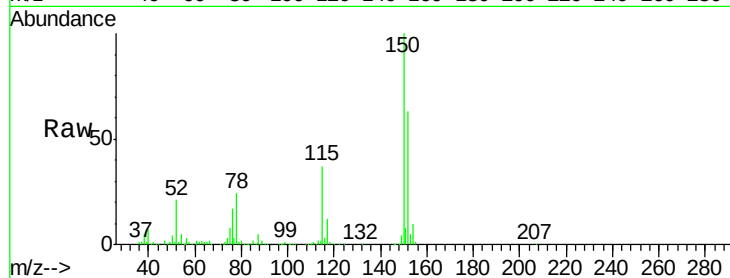
Tot Ion:152 Resp: 310637

Ion Ratio Lower Upper

152 100

115 55.9 27.5 82.4

150 156.6 0.0 343.2



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

