

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031620\
 Data File : VD065515.D
 Acq On : 16 Mar 2020 16:29
 Operator : VA/SY
 Sample : L1948-09
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Quant Time: Mar 17 07:48:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

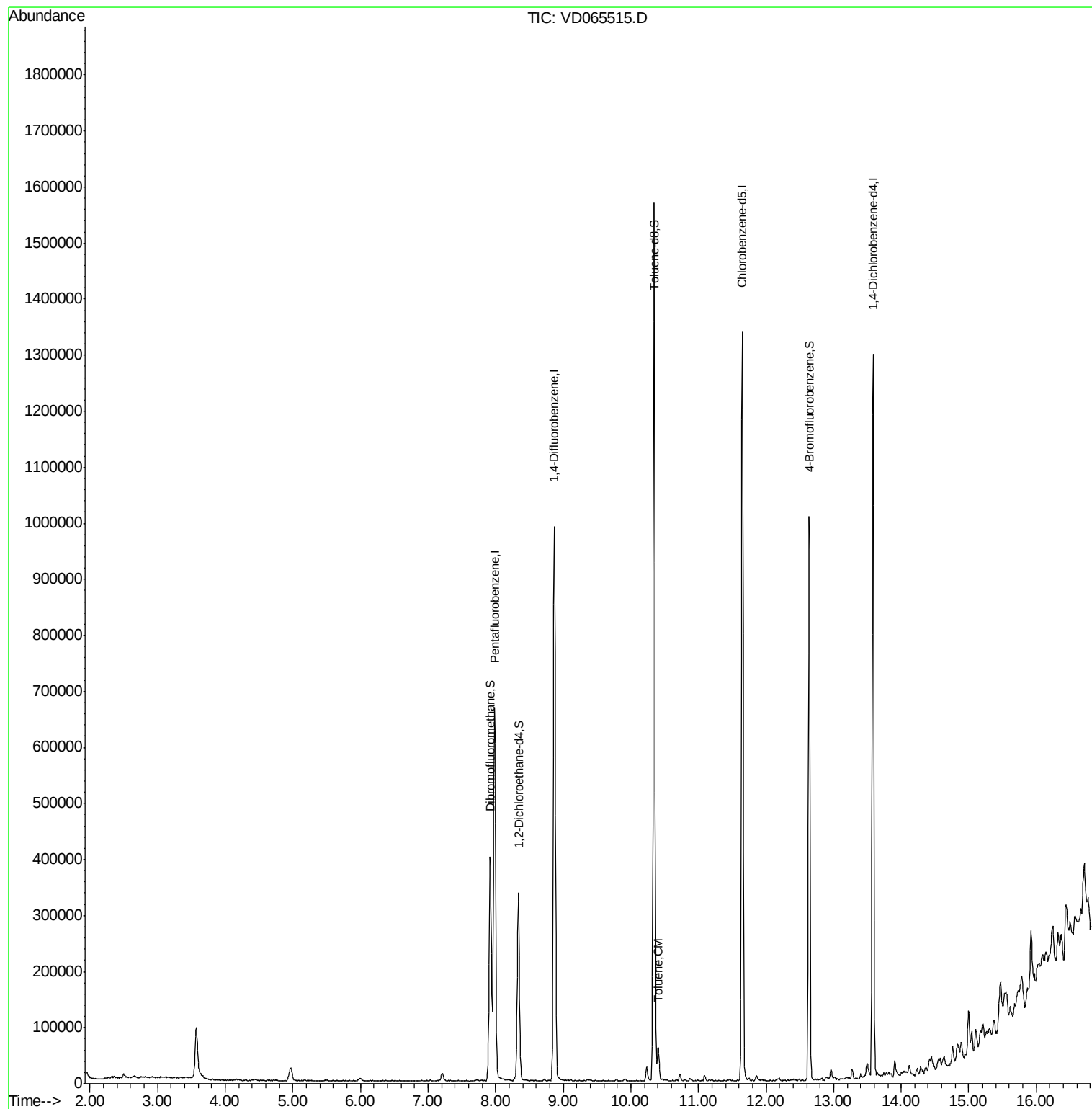
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	529395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	887706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	803453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	363138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	262647	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
35) Dibromofluoromethane	7.92	113	289408	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	10.34	98	1060749	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.64	95	318461	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
Target Compounds						
52) Toluene	10.41	92	22870	1.526	ug/l	Qvalue 96

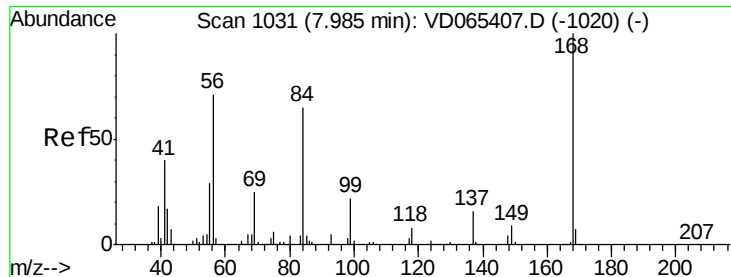
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065515.D

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ClientSampleId :

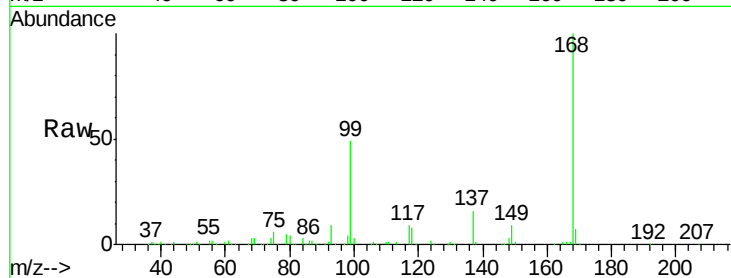
OILY-STONES

Tot Ion:168 Resp: 529395

Ion Ratio Lower Upper

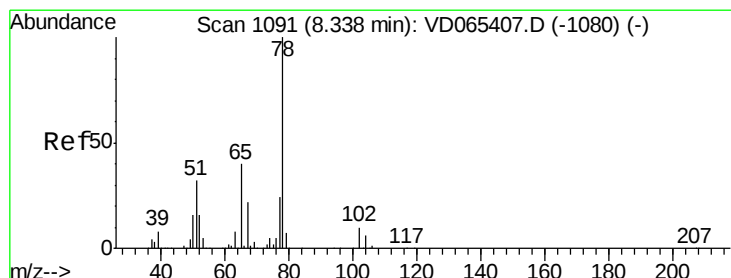
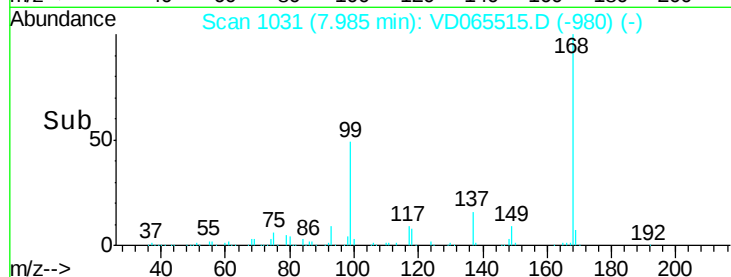
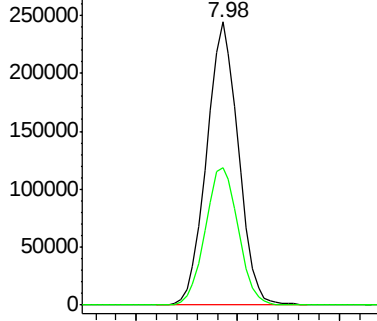
168 100

99 48.6 41.5 62.3



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: 57.837 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065515.D

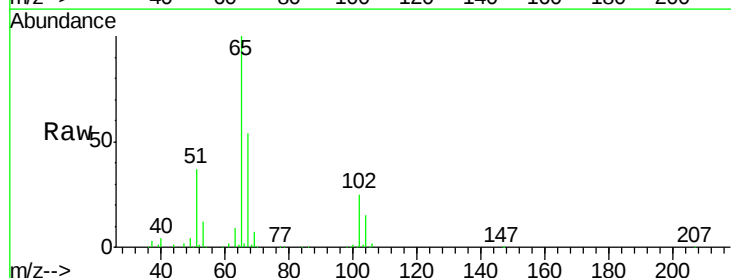
Acq: 16 Mar 2020 16:29

Tgt Ion: 65 Resp: 262647

Ion Ratio Lower Upper

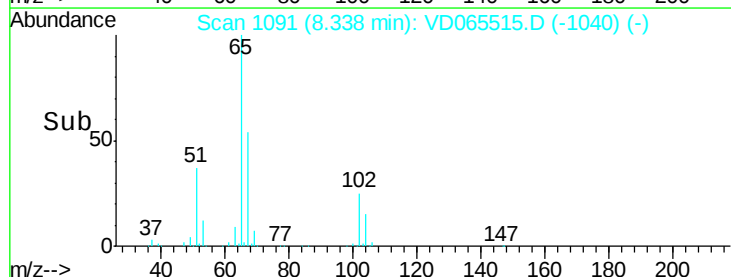
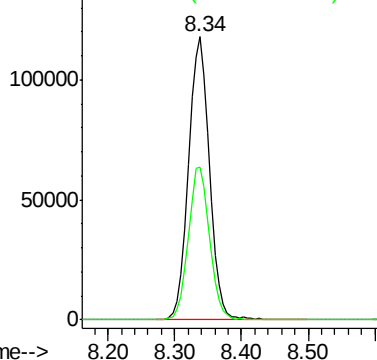
65 100

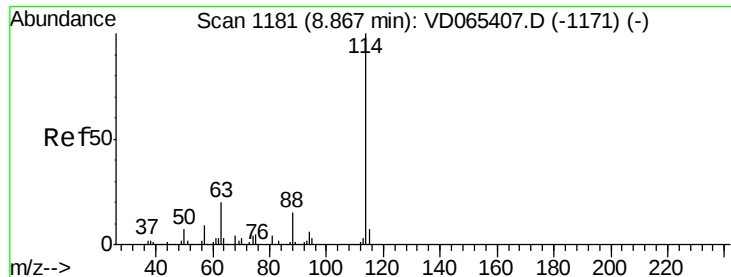
67 54.5 0.0 108.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

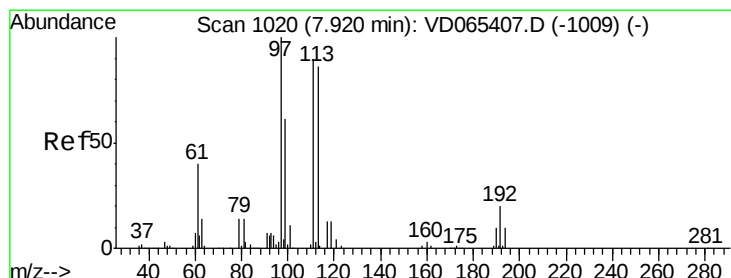
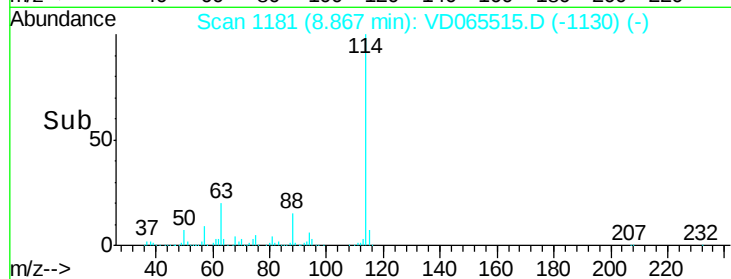
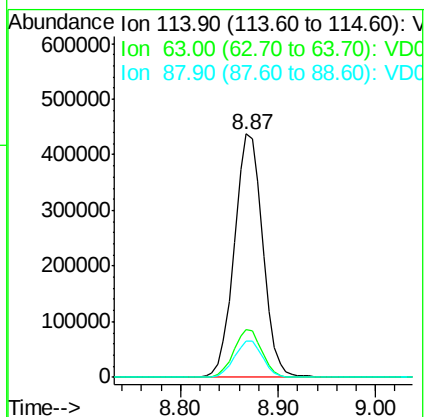
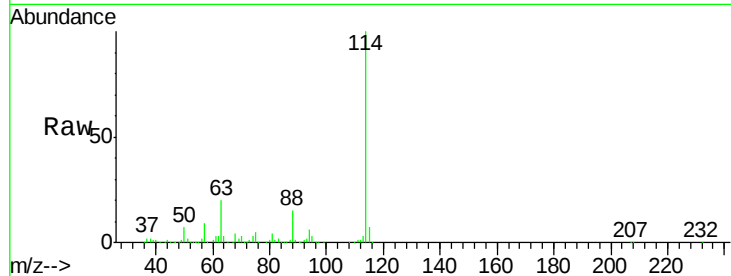




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065515.D
 Acq: 16 Mar 2020 16:29

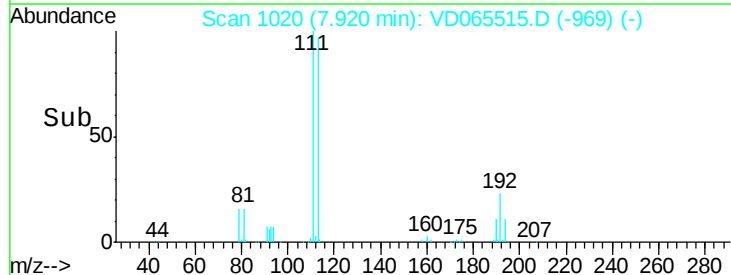
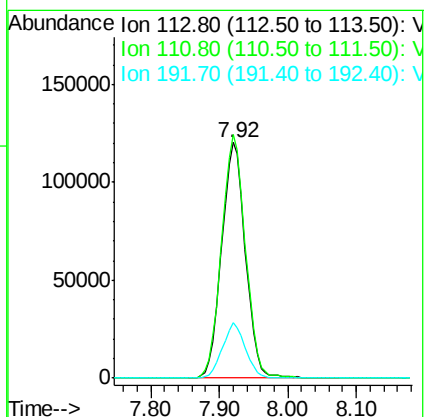
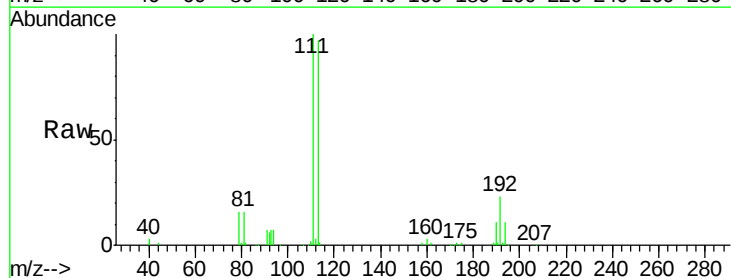
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 OILY-STONES

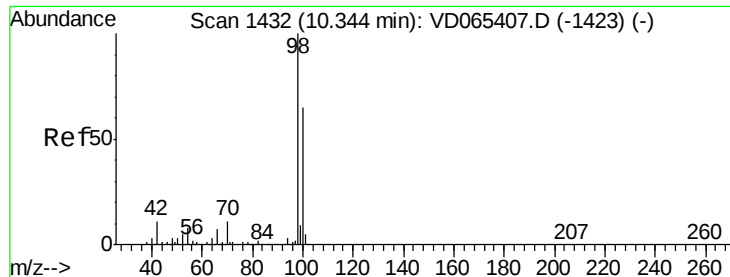
Tot Ion:114 Resp: 887706
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 14.9 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.719 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065515.D
 Acq: 16 Mar 2020 16:29

Tgt Ion:113 Resp: 289408
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.1 123.1
 192 22.6 17.2 25.8

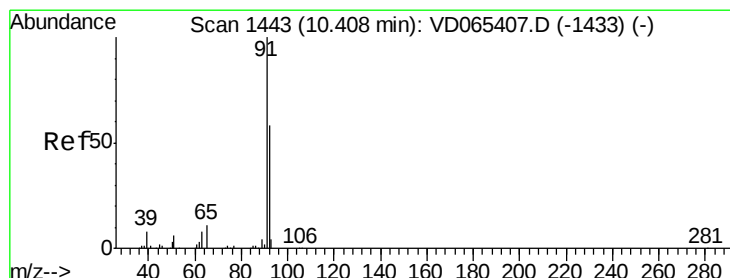
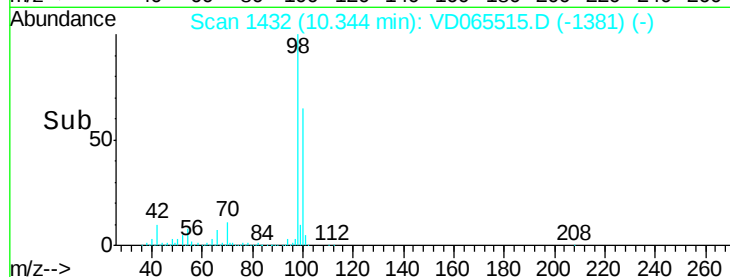
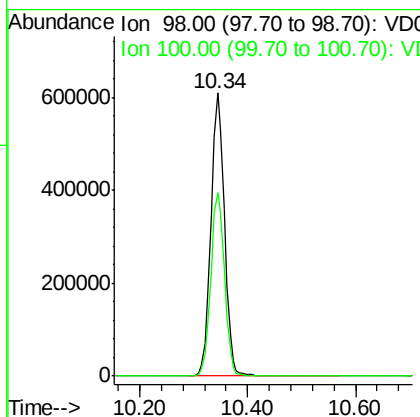
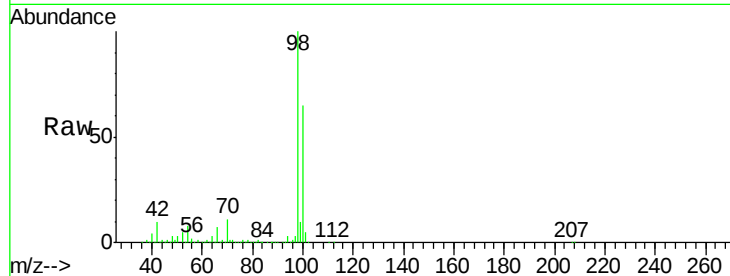




#50
Toluene-d8
Concen: 50.367 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065515.D
Acq: 16 Mar 2020 16:29

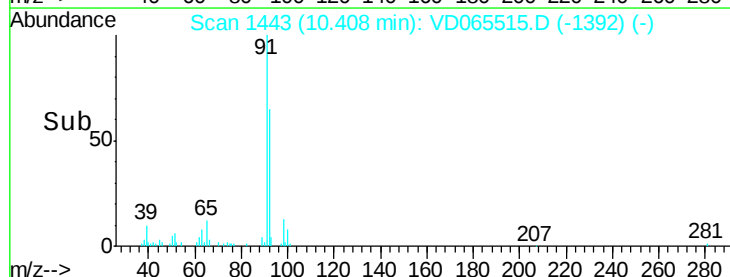
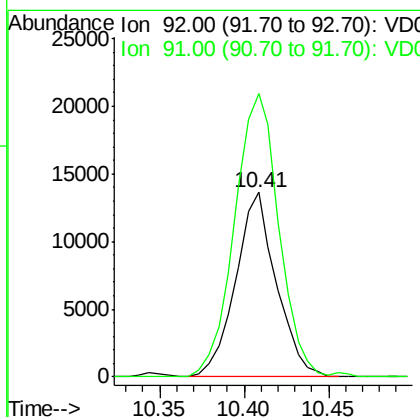
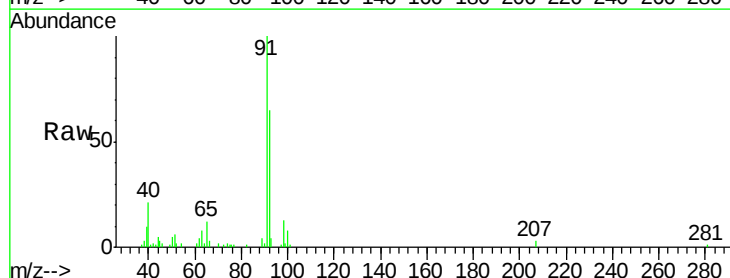
Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

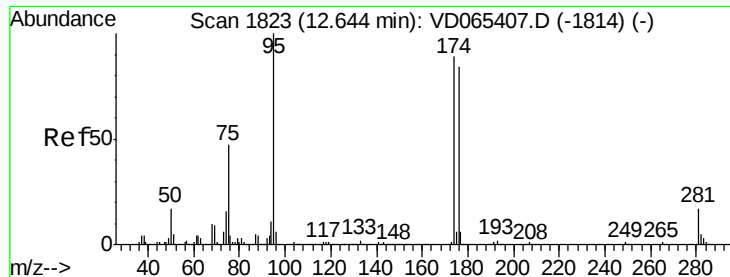
Tot Ion: 98 Resp: 1060749
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#52
Toluene
Concen: 1.526 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065515.D
Acq: 16 Mar 2020 16:29

Tgt Ion: 92 Resp: 22870
Ion Ratio Lower Upper
92 100
91 167.4 137.8 206.8





#62

4-Bromofluorobenzene

Concen: 48.983 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065515.D

Acq: 16 Mar 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

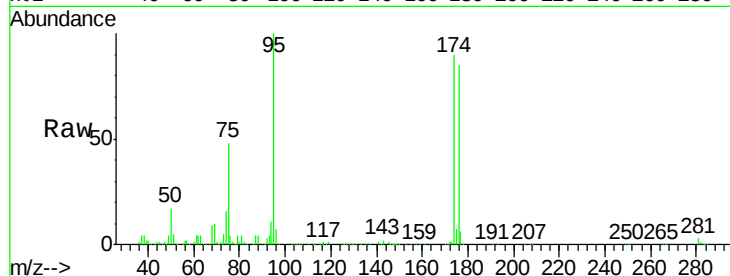
Tot Ion: 95 Resp: 318461

Ion Ratio Lower Upper

95 100

174 91.4 0.0 176.8

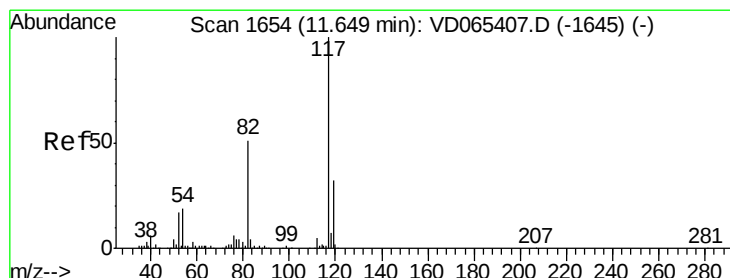
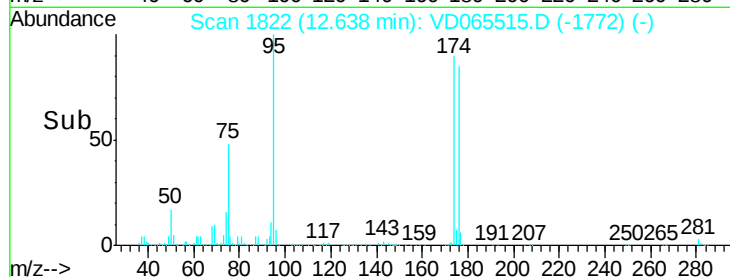
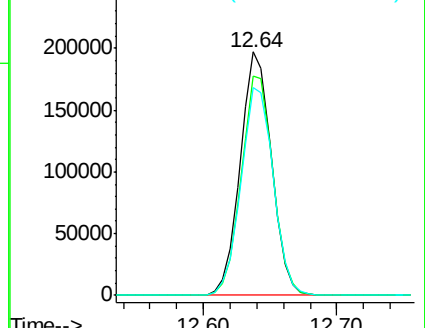
176 88.3 0.0 171.4



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: VD065515.D

Acq: 16 Mar 2020 16:29

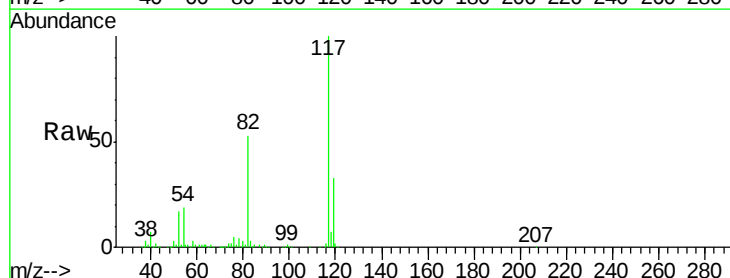
Tgt Ion: 117 Resp: 803453

Ion Ratio Lower Upper

117 100

82 53.2 40.6 60.8

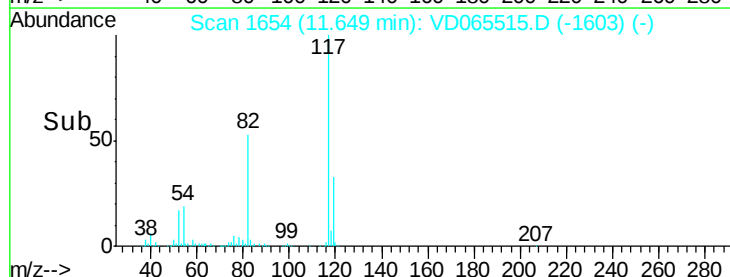
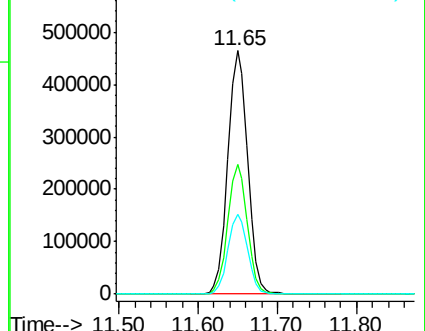
119 32.6 25.4 38.2

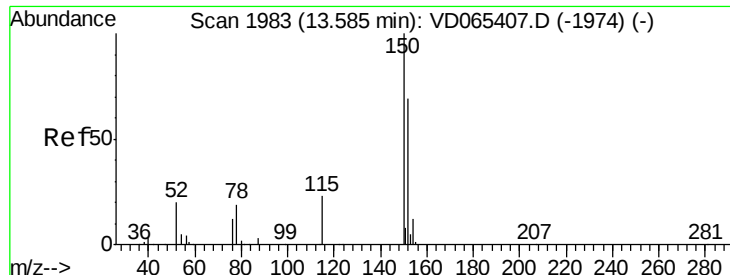


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065515.D

Acq: 16 Mar 2020 16:29

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

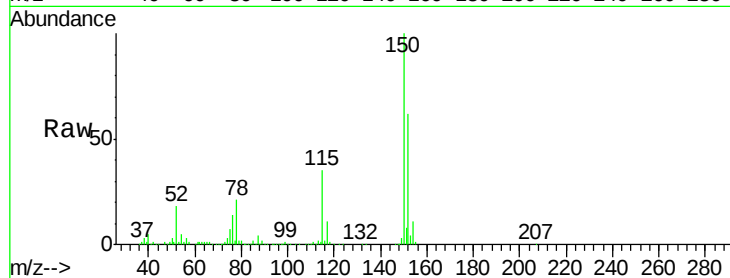
Tot Ion:152 Resp: 363138

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

150 157.2 0.0 345.0



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

