

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065164.D
 Acq On : 12 Feb 2020 15:48
 Operator : VA/SY
 Sample : L1505-01
 Misc : 6.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-1

Quant Time: Feb 13 07:03:39 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

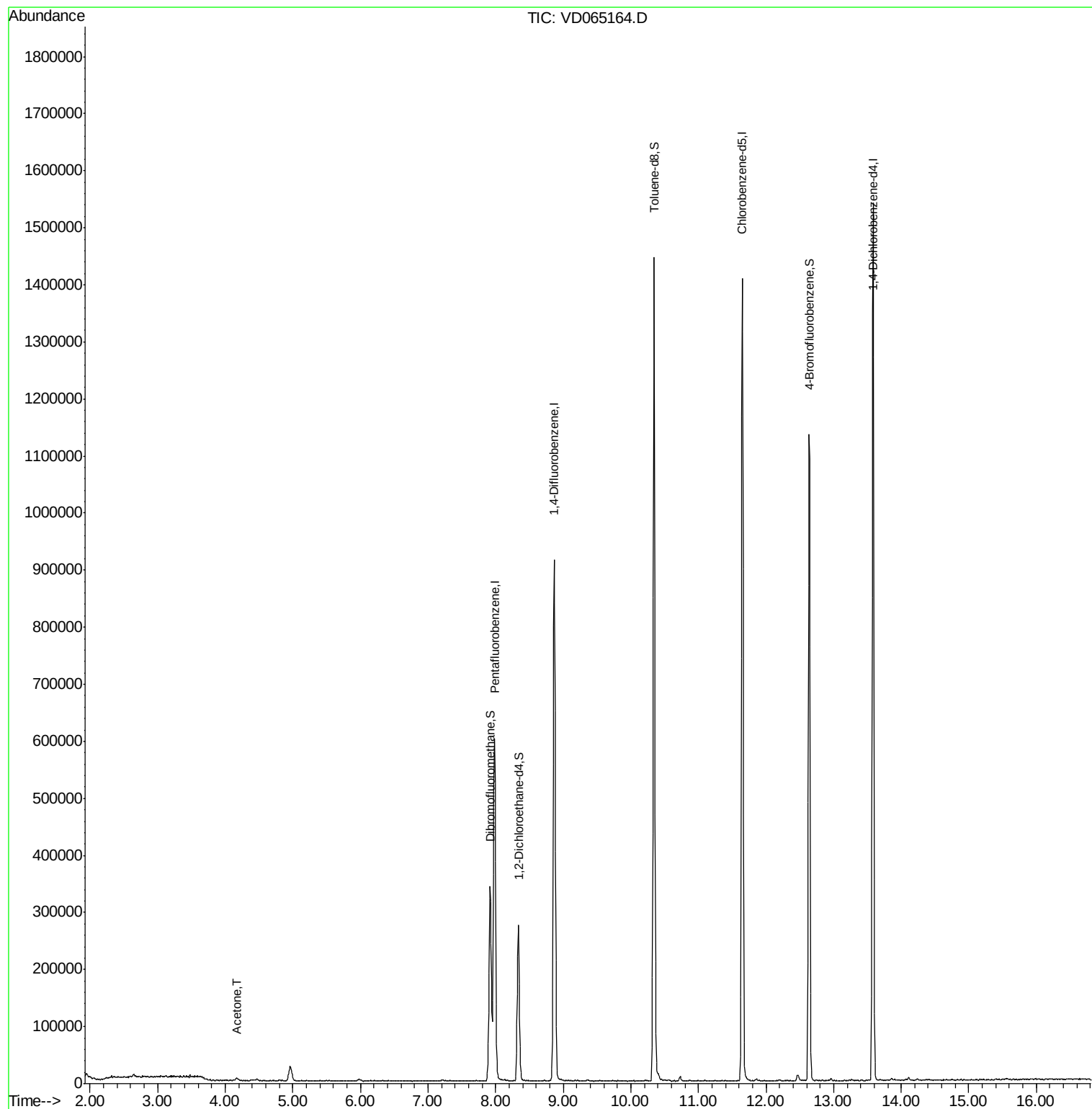
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	467203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	783592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	815547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	402737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	218170	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.92	113	239878	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
50) Toluene-d8	10.34	98	962075	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.64	95	357887	64.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.82%	
Target Compounds						
16) Acetone	4.17	43	7750	7.806	ug/l	Qvalue 93

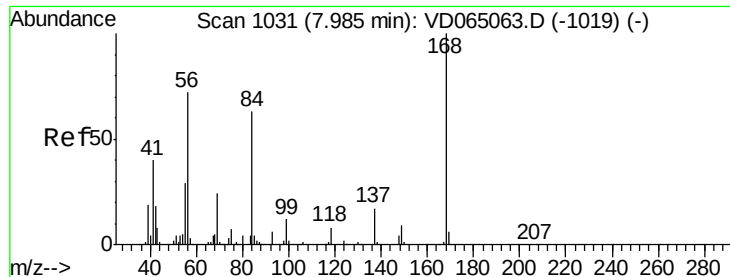
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065164.D

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MSVOA_D

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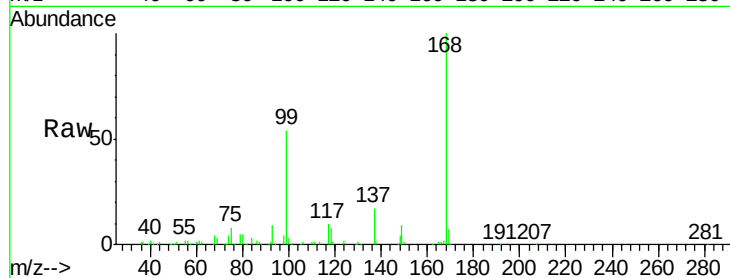
TEST-PIT-1

Tot Ion:168 Resp: 467203

Ion Ratio Lower Upper

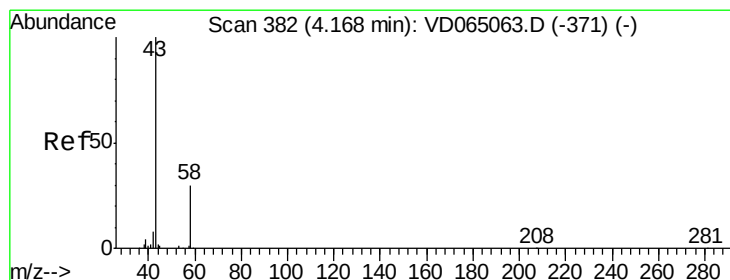
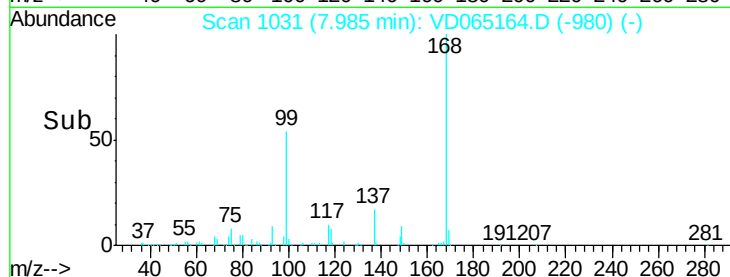
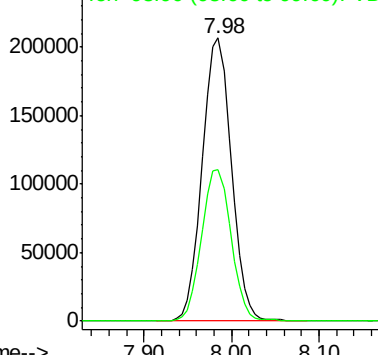
168 100

99 53.6 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: 7.806 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065164.D

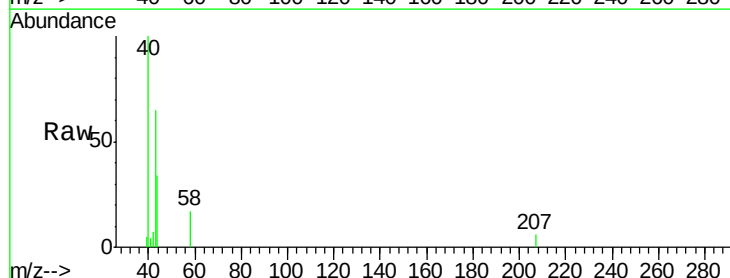
Acq: 12 Feb 2020 15:48

Tgt Ion: 43 Resp: 7750

Ion Ratio Lower Upper

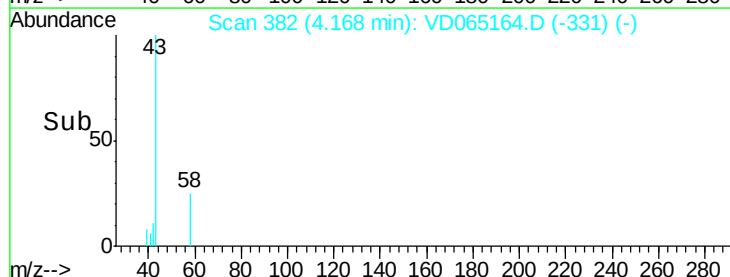
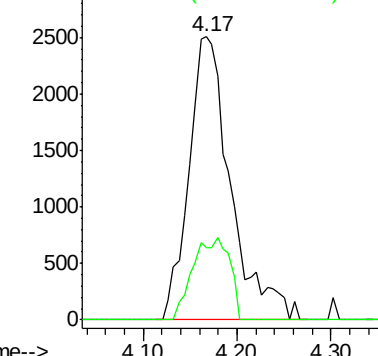
43 100

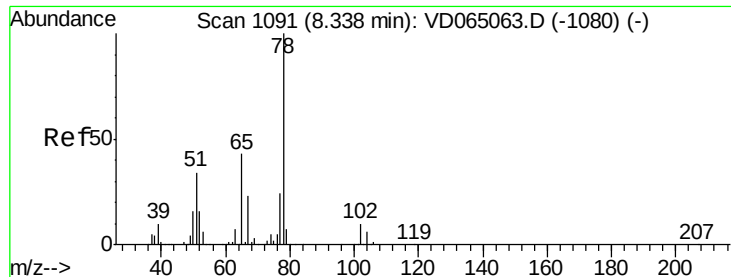
58 25.4 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

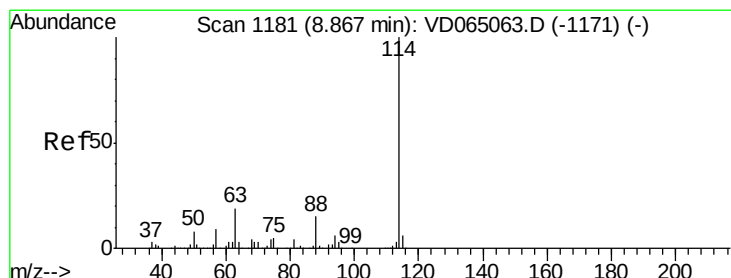
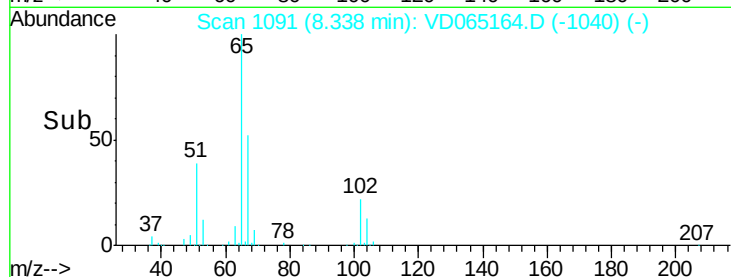
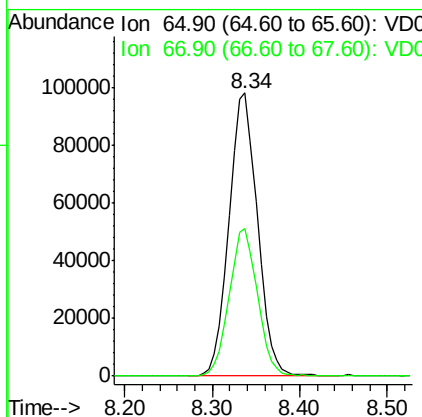
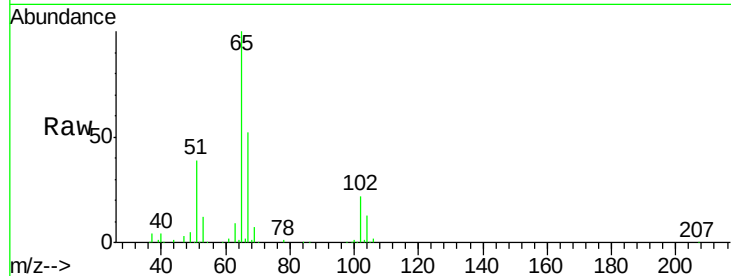




#33
 1,2-Dichloroethane-d4
 Concen: 54.943 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065164.D
 Acq: 12 Feb 2020 15:48

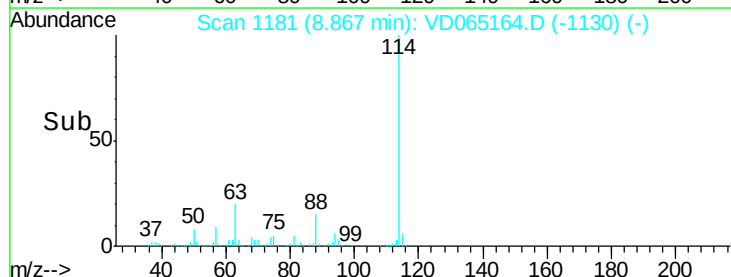
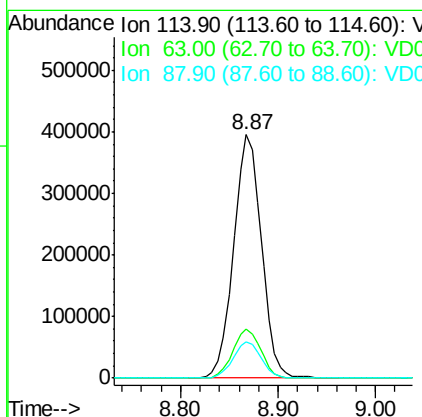
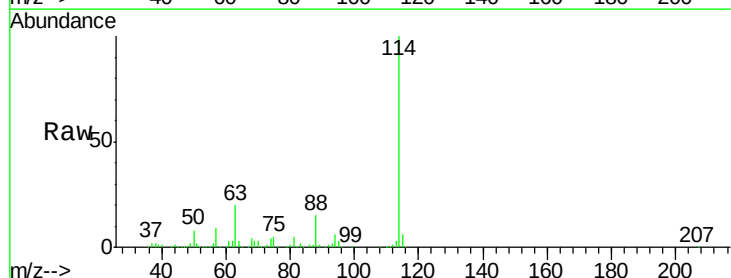
Instrument :
 MSVOA_D
 ClientSampleId :
 TEST-PIT-1

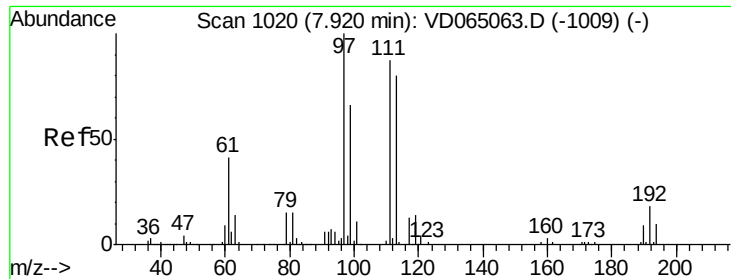
Tot Ion: 65 Resp: 218170
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065164.D
 Acq: 12 Feb 2020 15:48

Tgt Ion: 114 Resp: 783592
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.8
 88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 54.867 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065164.D

Acq: 12 Feb 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-1

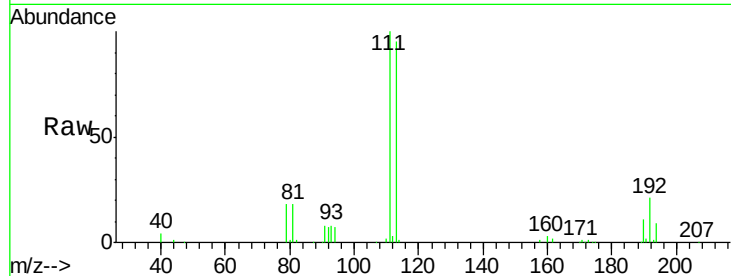
Tot Ion:113 Resp: 239878

Ion Ratio Lower Upper

113 100

111 103.9 83.1 124.7

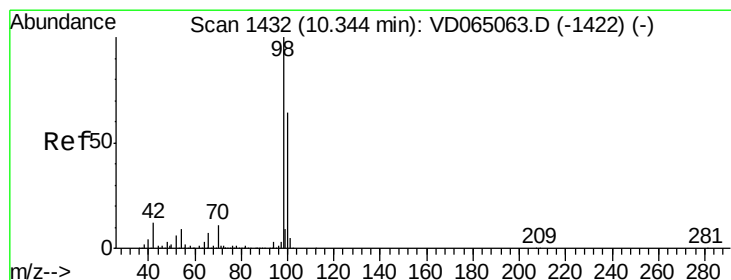
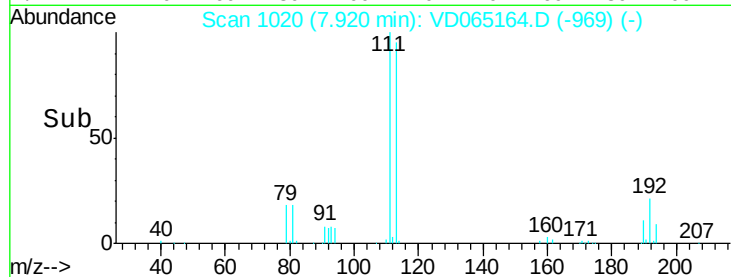
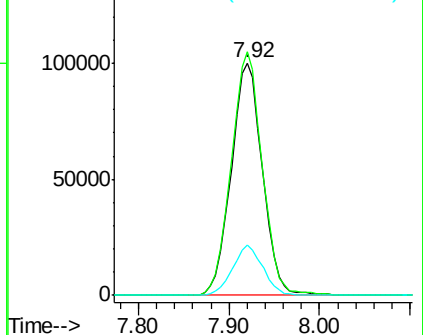
192 20.9 18.1 27.1



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: 55.286 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065164.D

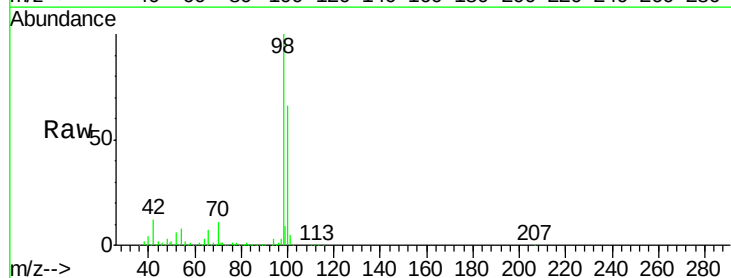
Acq: 12 Feb 2020 15:48

Tgt Ion: 98 Resp: 962075

Ion Ratio Lower Upper

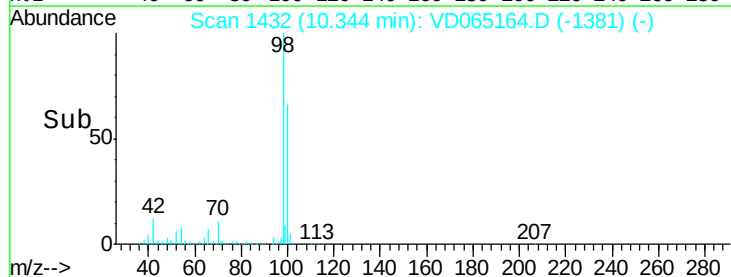
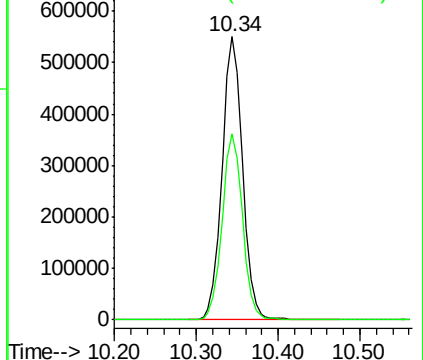
98 100

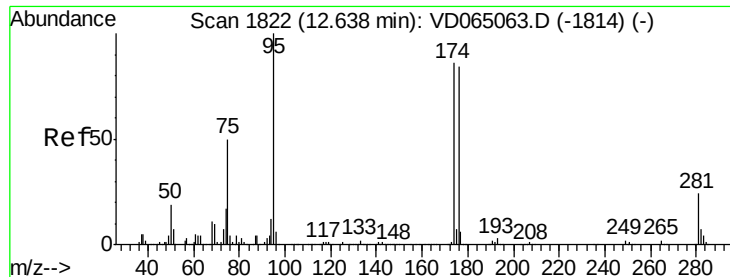
100 65.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

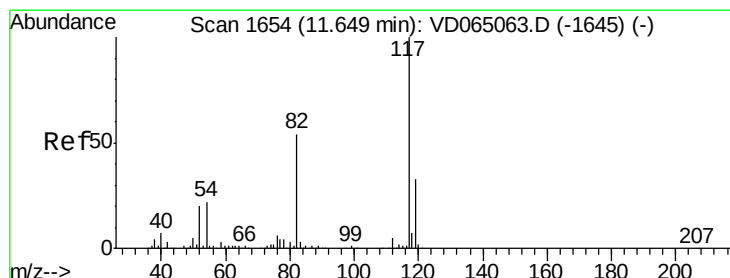
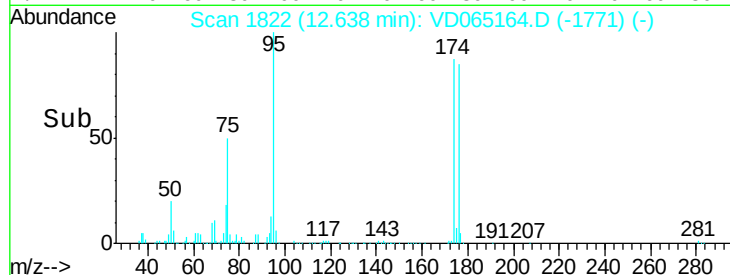
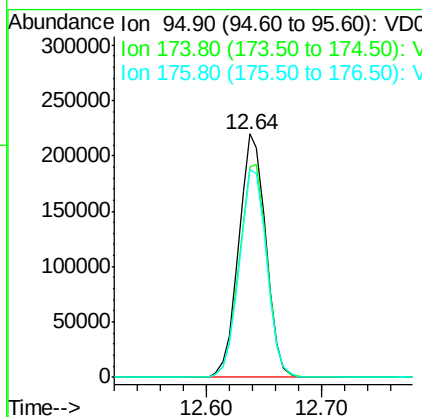
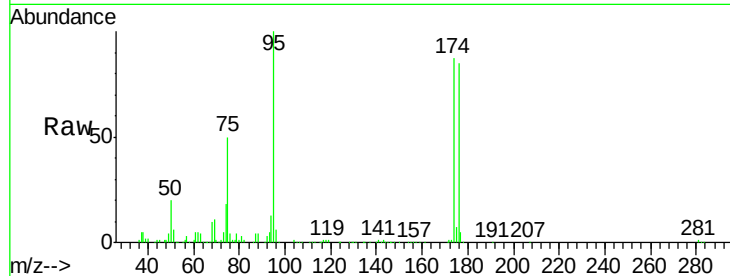




#62
4-Bromofluorobenzene
Concen: 64.906 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

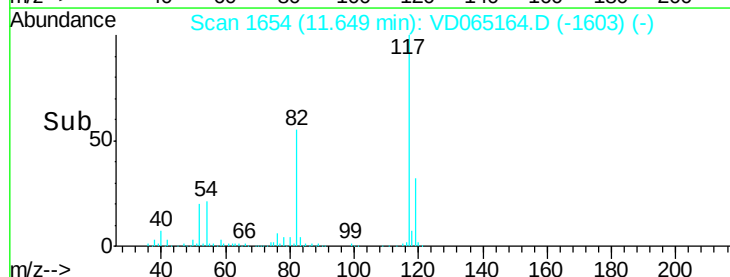
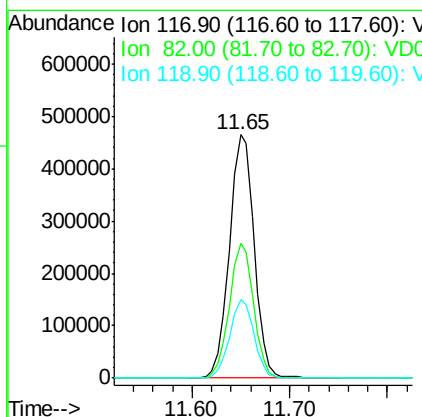
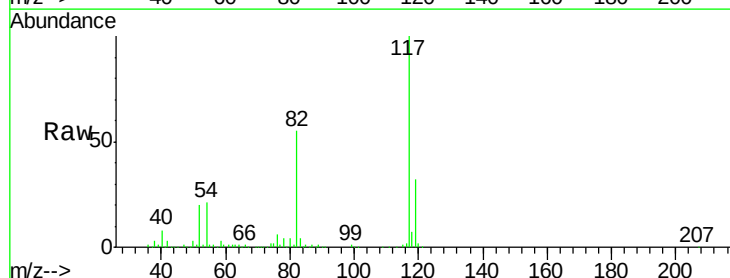
Instrument :
MSVOA_D
ClientSampleId :
TEST-PIT-1

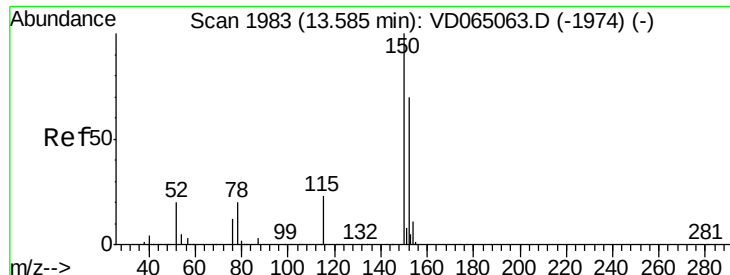
Tot Ion: 95 Resp: 357887
Ion Ratio Lower Upper
95 100
174 89.1 0.0 180.0
176 86.3 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065164.D
Acq: 12 Feb 2020 15:48

Tgt Ion: 117 Resp: 815547
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065164.D

Acq: 12 Feb 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

TEST-PIT-1

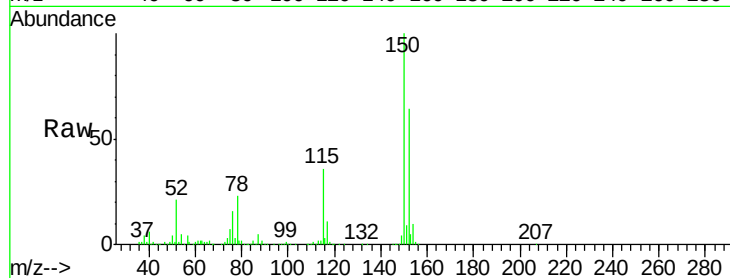
Tot Ion:152 Resp: 402737

Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.4

150 156.5 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

