

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066339.D
 Acq On : 20 Aug 2020 02:46
 Operator : VA/SY
 Sample : L3689-04RE
 Misc : 4.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5RE

Quant Time: Aug 20 08:11:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

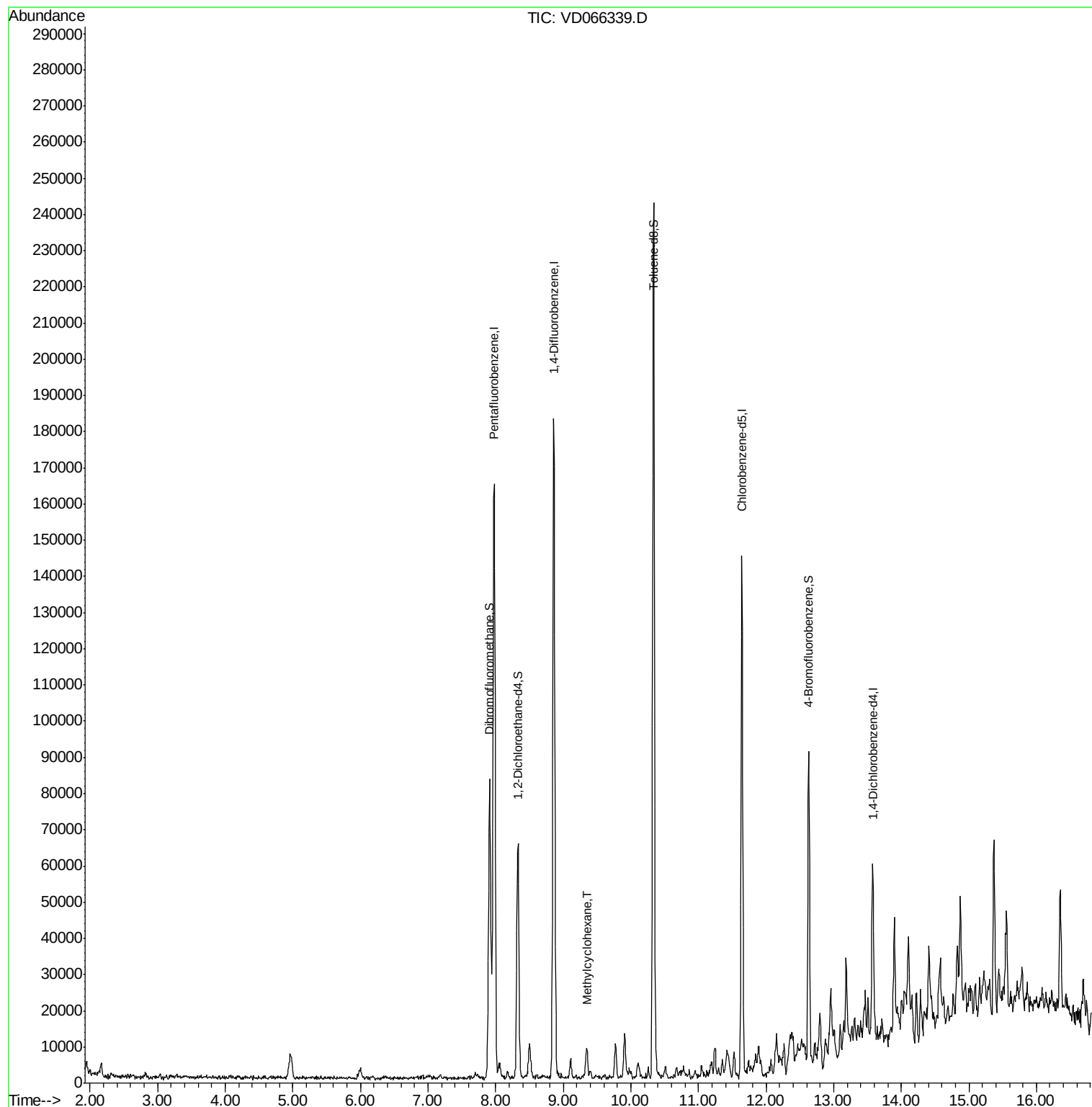
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	126808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	163142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	80446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	14335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	54297	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
35) Dibromofluoromethane	7.91	113	57455	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
50) Toluene-d8	10.34	98	161617	42.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.76%	
62) 4-Bromofluorobenzene	12.63	95	24487	17.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.62%	
Target Compounds						
39) Methylcyclohexane	9.36	83	3132	1.690	ug/l	Qvalue 90

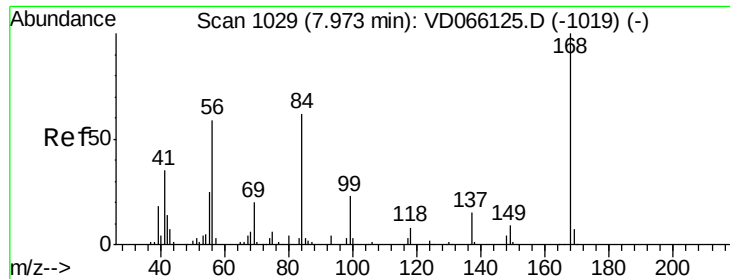
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066339.D

Acq: 20 Aug 2020 02:46

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MSVOA_D

ClientSampleId :

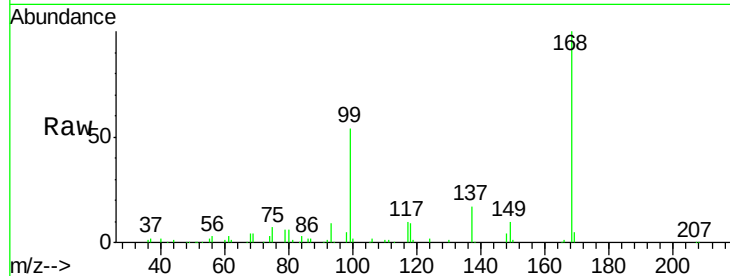
TP-5RE

Tot Ion:168 Resp: 126808

Ion Ratio Lower Upper

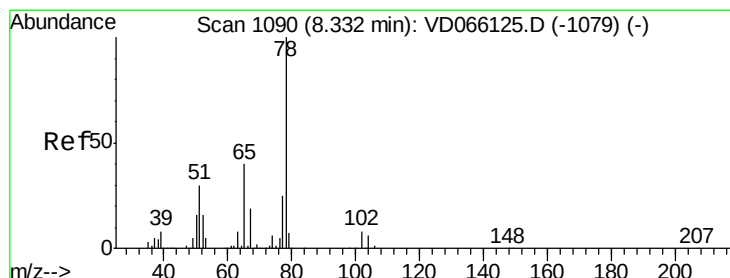
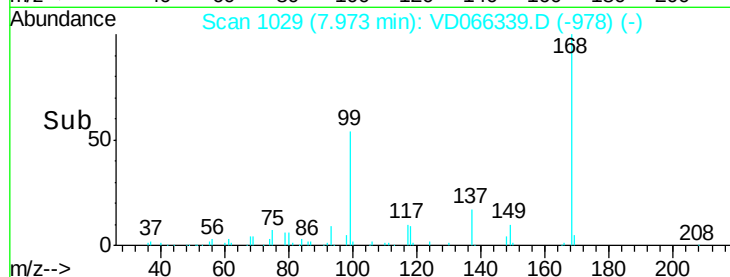
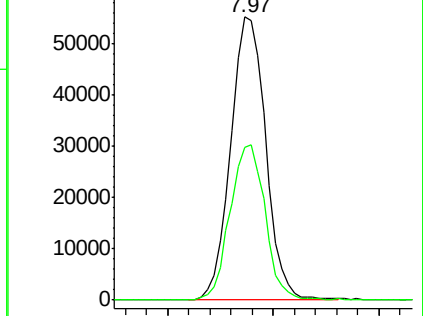
168 100

99 54.1 42.2 63.4



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: 47.994 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066339.D

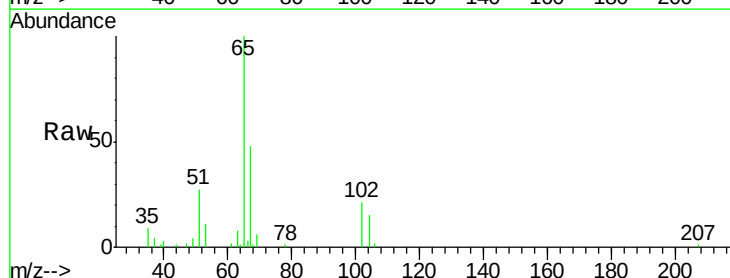
Acq: 20 Aug 2020 02:46

Tgt Ion: 65 Resp: 54297

Ion Ratio Lower Upper

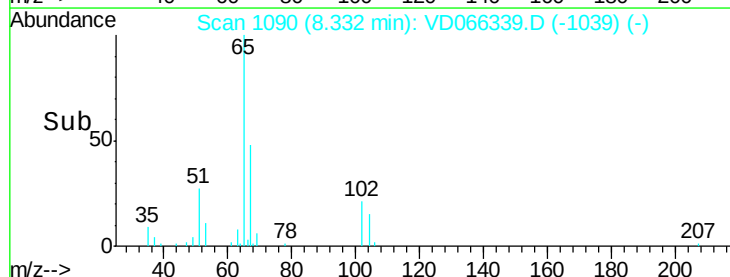
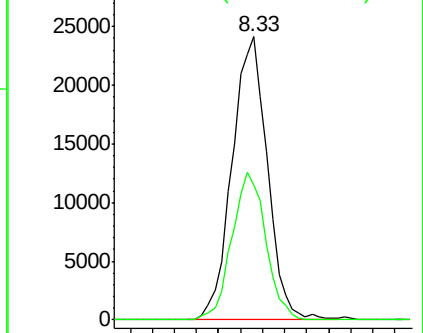
65 100

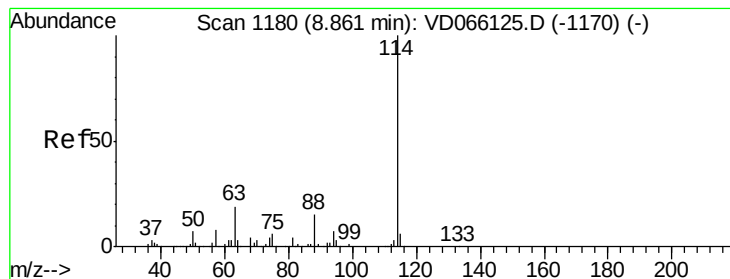
67 49.9 0.0 104.6



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: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066339.D

Acq: 20 Aug 2020 02:46

Instrument :

MSVOA_D

ClientSampled :

TP-5RE

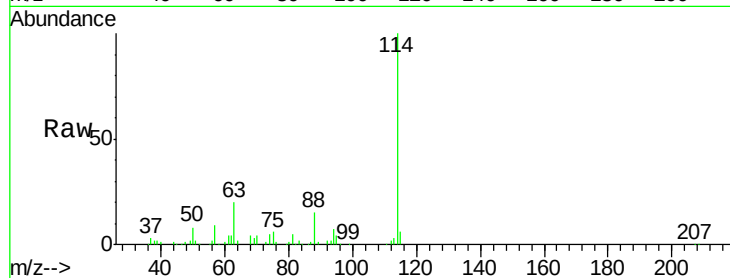
Tot Ion:114 Resp: 163142

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

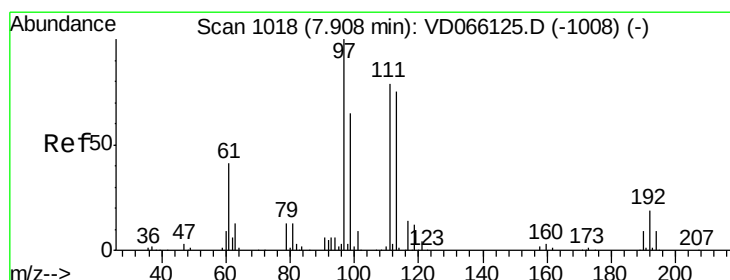
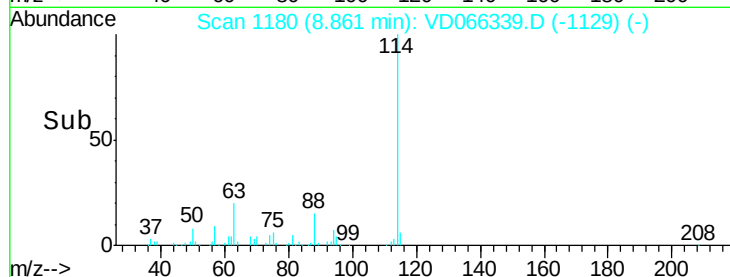
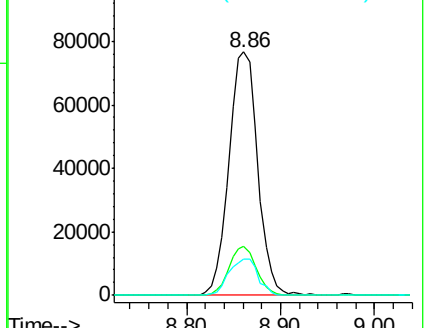
88 14.6 0.0 30.0



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: 55.593 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066339.D

Acq: 20 Aug 2020 02:46

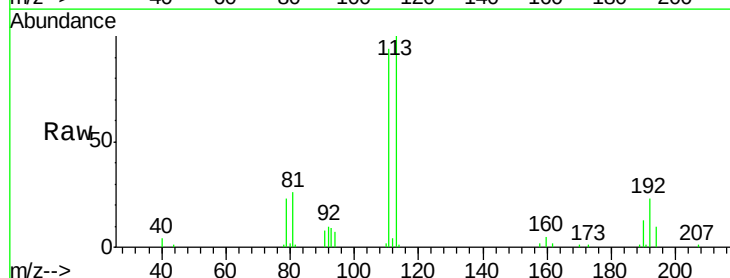
Tgt Ion:113 Resp: 57455

Ion Ratio Lower Upper

113 100

111 98.1 80.7 121.1

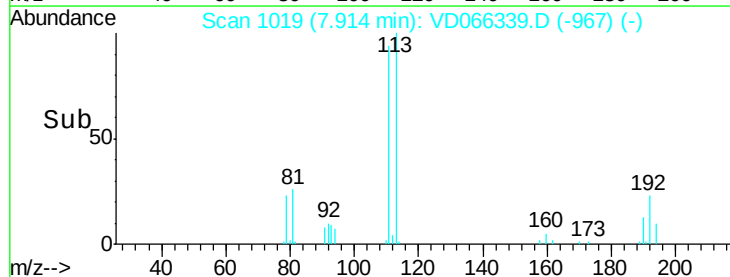
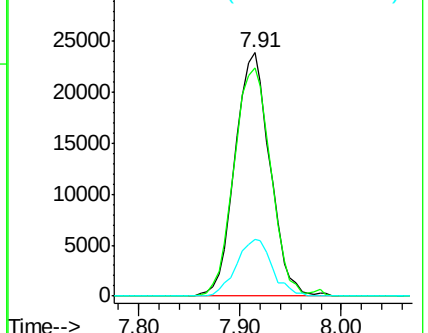
192 23.9 18.4 27.6

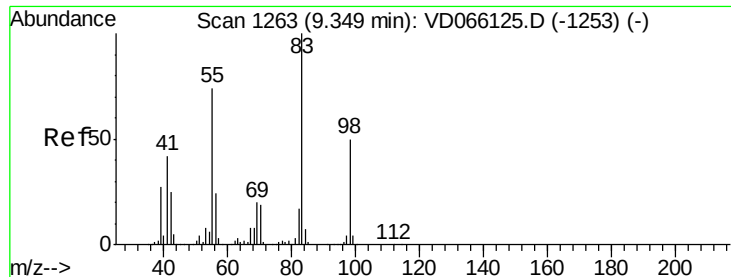


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

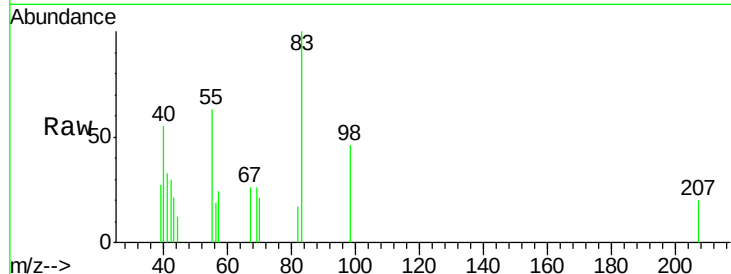




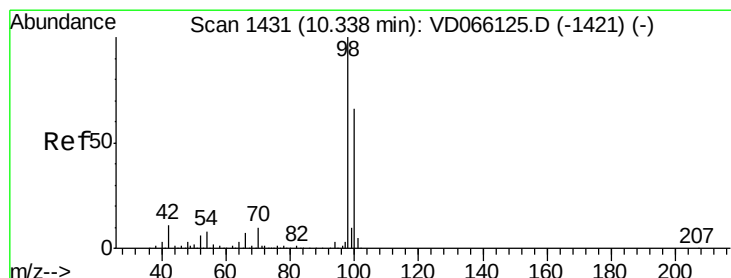
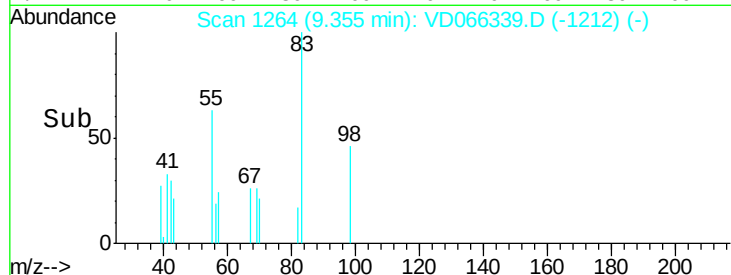
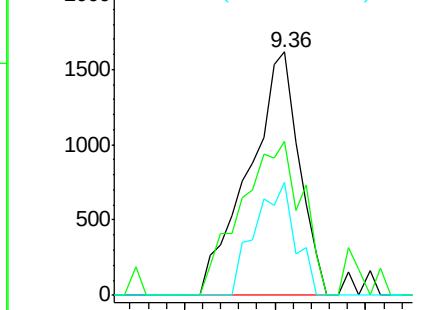
#39
Methylcyclohexane
Concen: 1.690 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066339.D
Acq: 20 Aug 2020 02:46

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tot Ion: 83 Resp: 3132
Ion Ratio Lower Upper
83 100
55 63.0 59.2 88.8
98 46.5 39.8 59.6

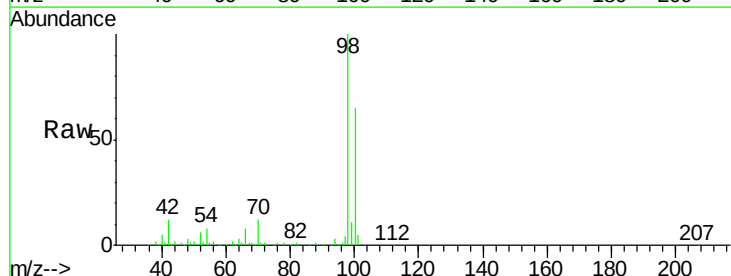


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

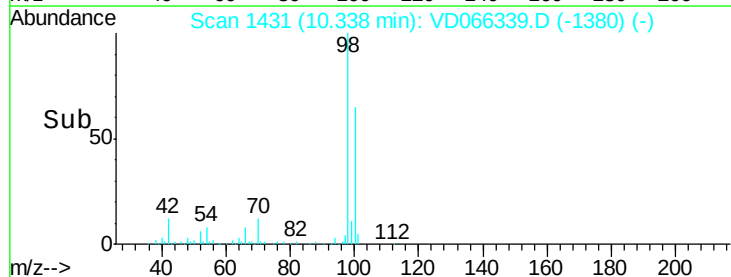
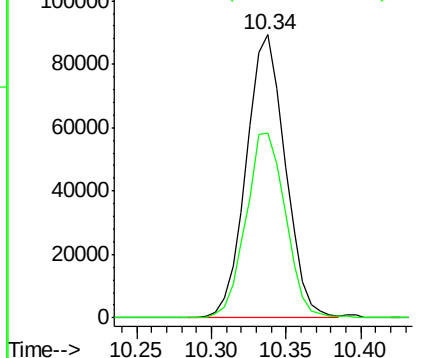


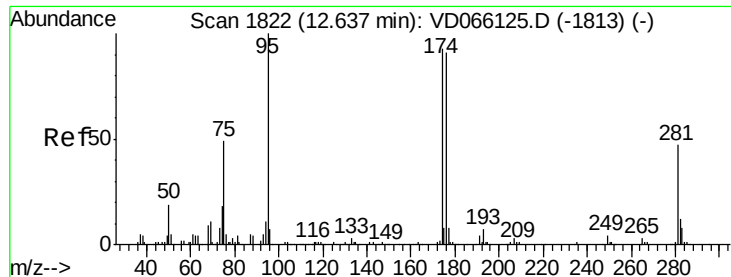
#50
Toluene-d8
Concen: 42.377 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066339.D
Acq: 20 Aug 2020 02:46

Tgt Ion: 98 Resp: 161617
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 17.812 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066339.D

Acq: 20 Aug 2020 02:46

Instrument :

MSVOA_D

ClientSampleId :

TP-5RE

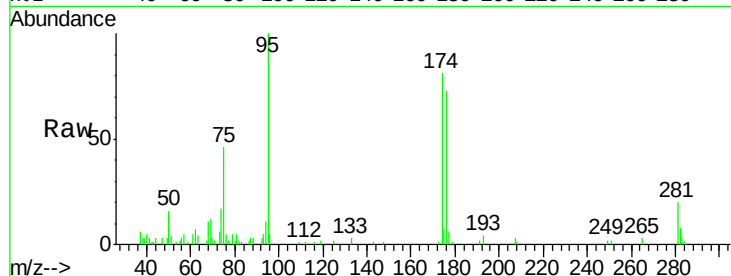
Tot Ion: 95 Resp: 24487

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.8

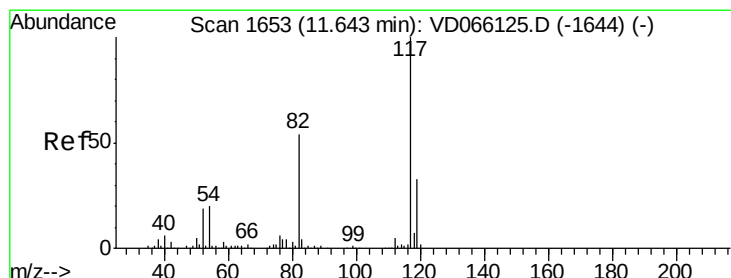
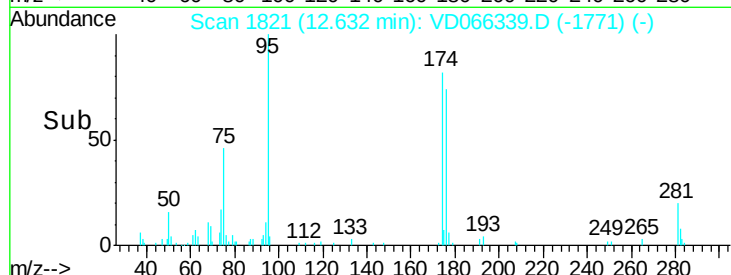
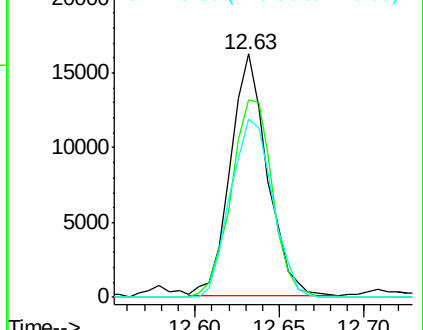
176 84.5 0.0 181.2



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: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066339.D

Acq: 20 Aug 2020 02:46

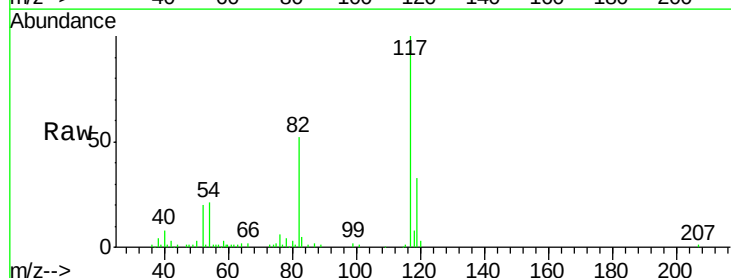
Tgt Ion: 117 Resp: 80446

Ion Ratio Lower Upper

117 100

82 52.0 43.0 64.4

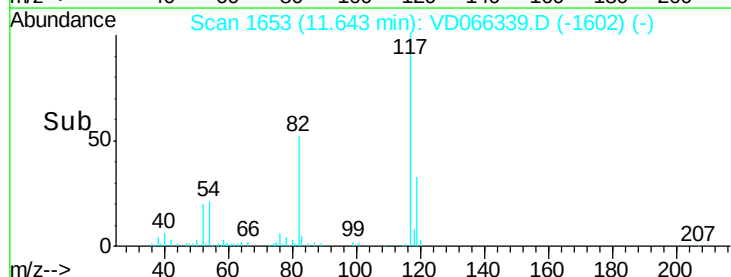
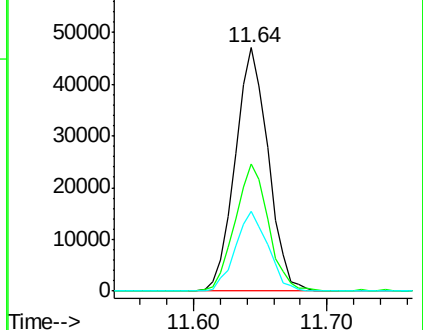
119 33.0 26.1 39.1

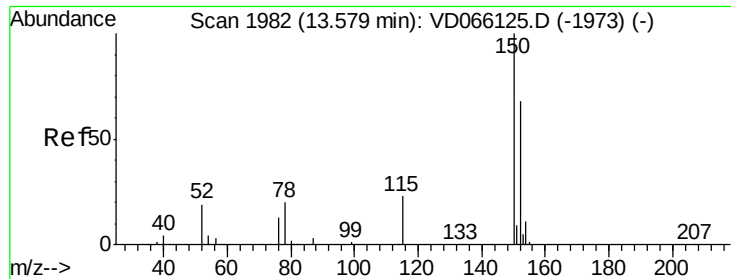


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

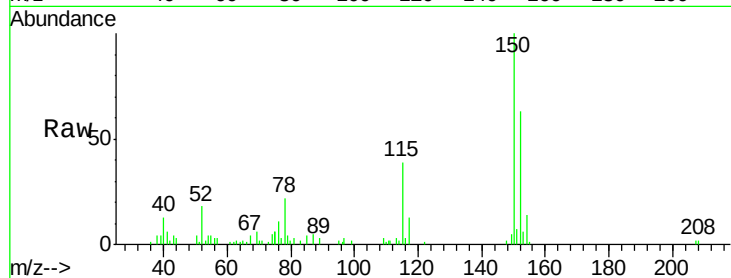




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066339.D
 Acq: 20 Aug 2020 02:46

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.0	83.9
150	146.6	0.0	346.4



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

