

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066346.D
 Acq On : 20 Aug 2020 05:54
 Operator : VA/SY
 Sample : L3499-01
 Misc : 7.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-081820

Quant Time: Aug 20 08:22:57 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

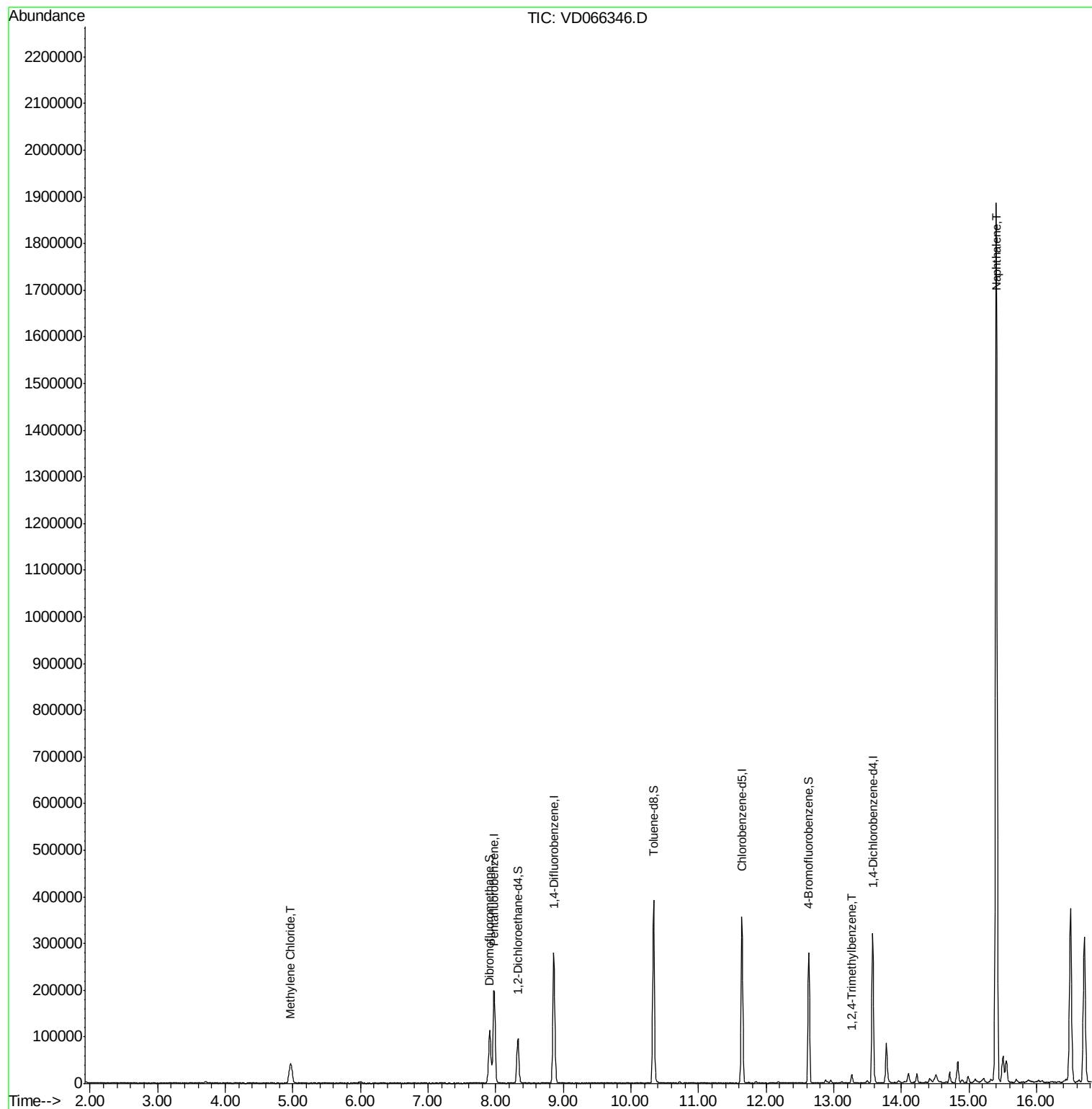
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	153392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	237595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	206764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	87979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	80661	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
35) Dibromofluoromethane	7.91	113	77114	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
50) Toluene-d8	10.34	98	256792	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.64	95	82708	41.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.62%	
Target Compounds						
20) Methylene Chloride	4.96	84	33812	19.863	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	9262	1.884	ug/l	92
95) Naphthalene	15.41	128	1707449	565.884	ug/l	99

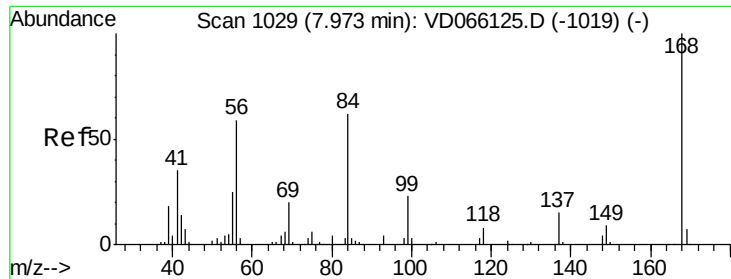
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066346.D

Acq: 20 Aug 2020 05:54

Instrument :

MSVOA_D

ClientSampleId :

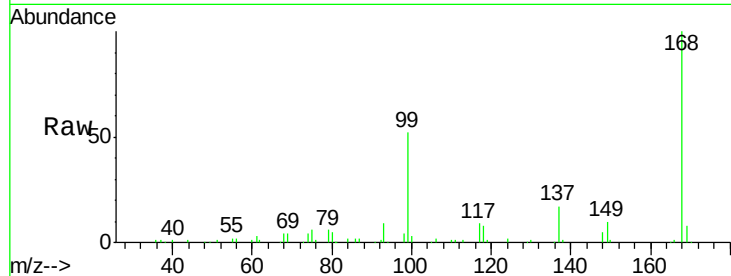
HD-01-081820

Tot Ion:168 Resp: 153392

Ion Ratio Lower Upper

168 100

99 52.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

80000

60000

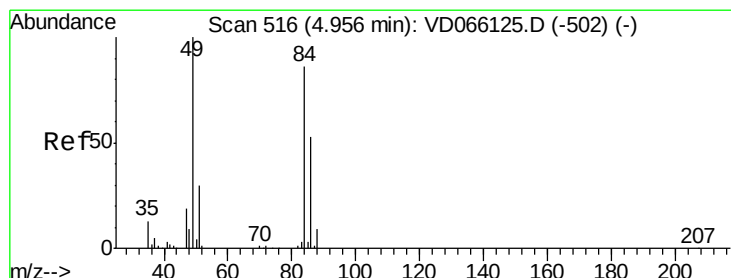
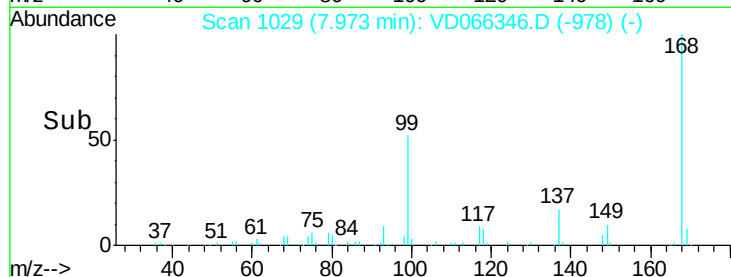
40000

20000

0

Time-->

7.90 8.00 8.10



#20

Methylene Chloride

Concen: 19.863 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.01 min

Lab File: VD066346.D

Acq: 20 Aug 2020 05:54

Tgt Ion: 84 Resp: 33812

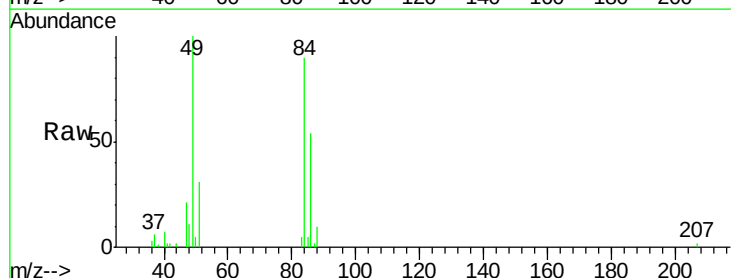
Ion Ratio Lower Upper

84 100

49 111.3 93.5 140.3

51 35.1 28.2 42.4

86 60.7 49.5 74.3



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

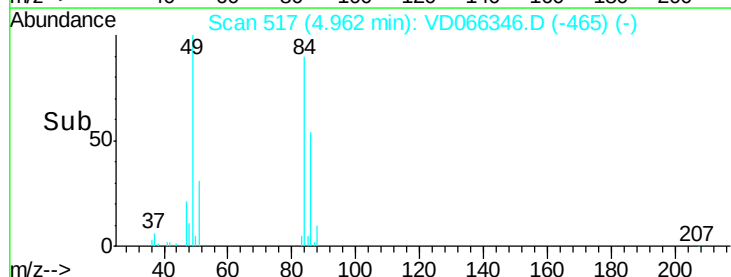
10000

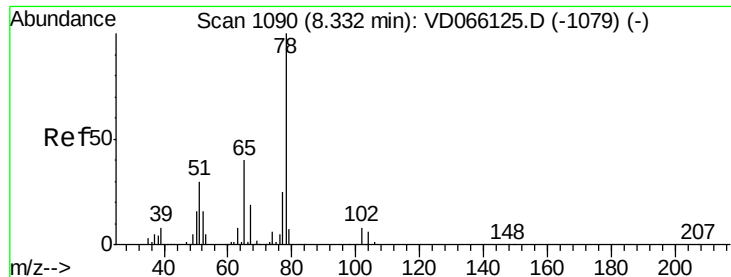
5000

0

Time-->

4.90 5.00

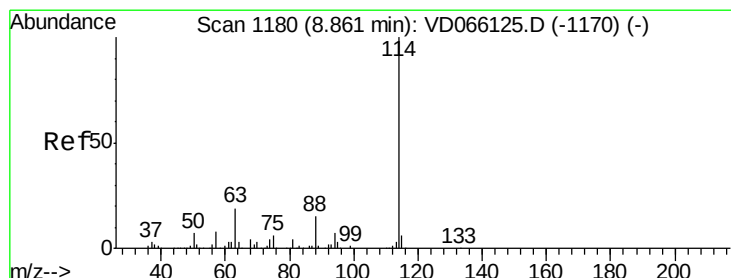
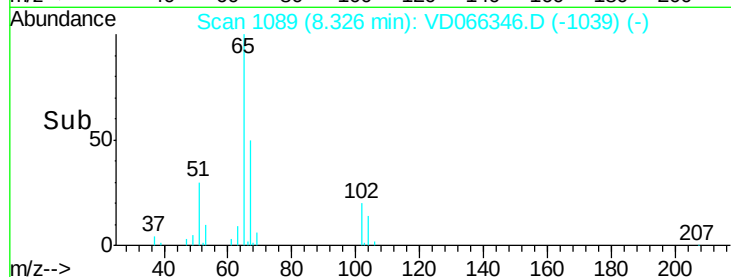
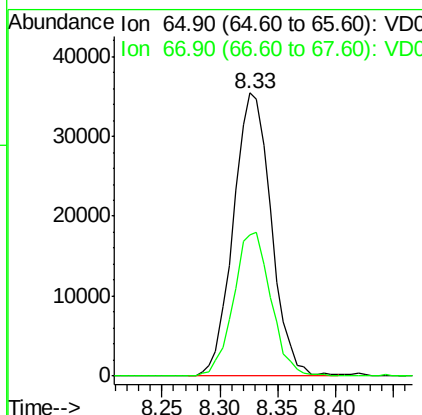
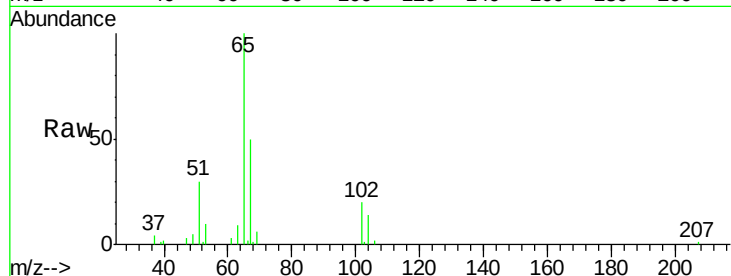




#33
 1,2-Dichloroethane-d4
 Concen: 58.942 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066346.D
 Acq: 20 Aug 2020 05:54

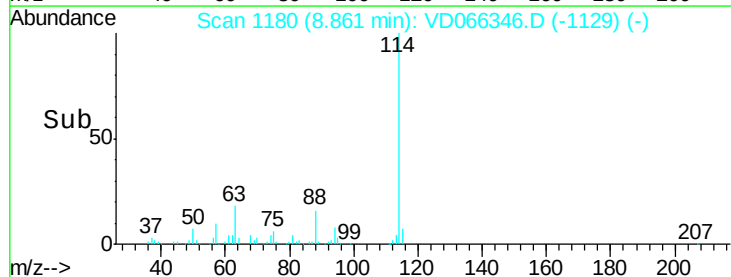
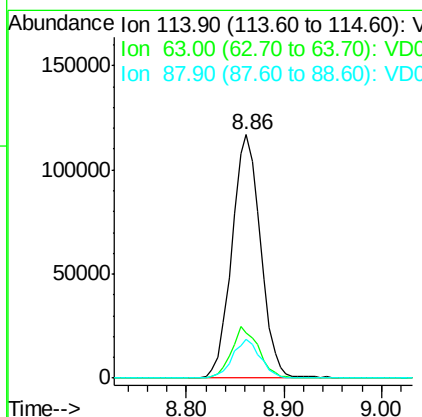
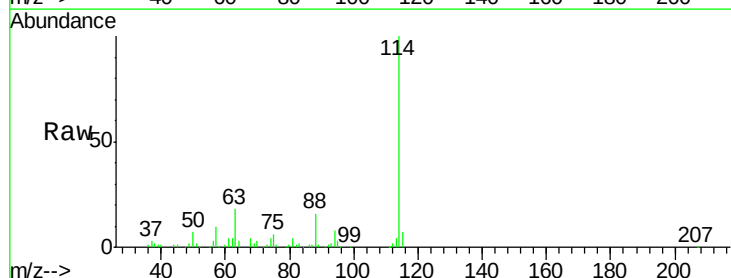
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-081820

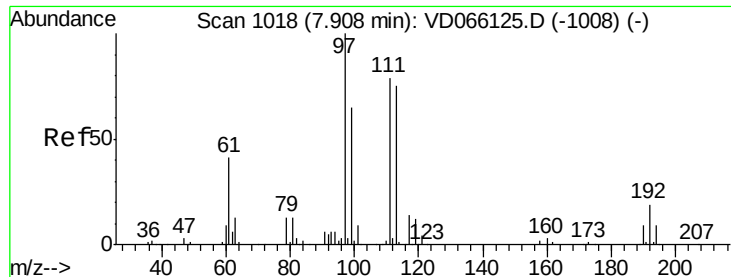
Tot Ion: 65 Resp: 80661
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066346.D
 Acq: 20 Aug 2020 05:54

Tgt Ion: 114 Resp: 237595
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.6
 88 15.9 0.0 30.0

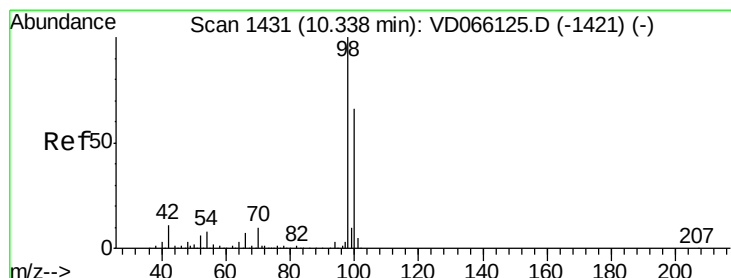
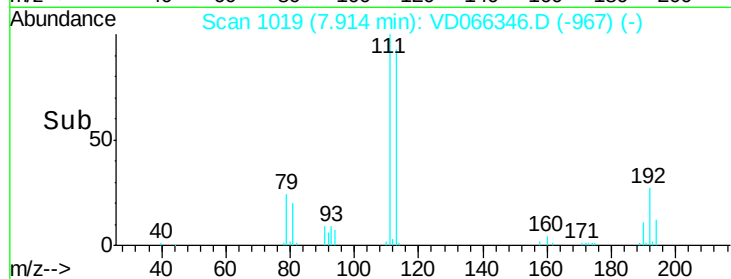
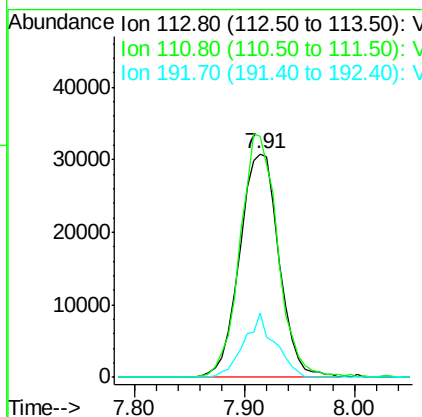
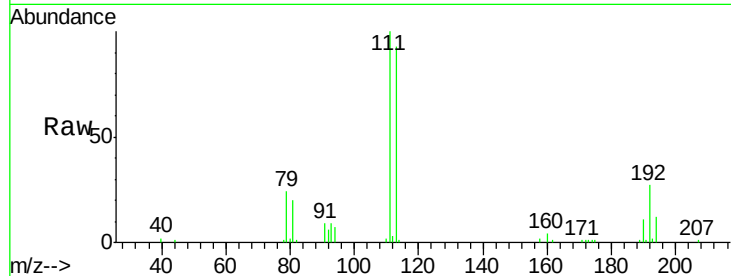




#35
 Dibromofluoromethane
 Concen: 51.234 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066346.D
 Acq: 20 Aug 2020 05:54

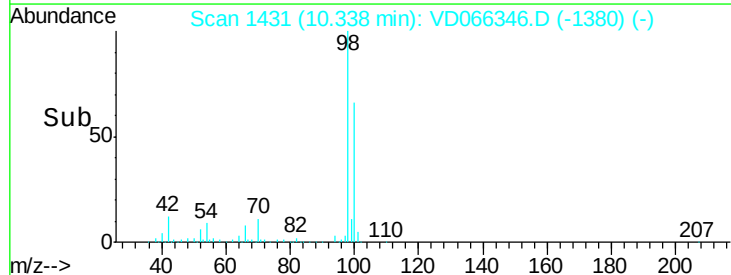
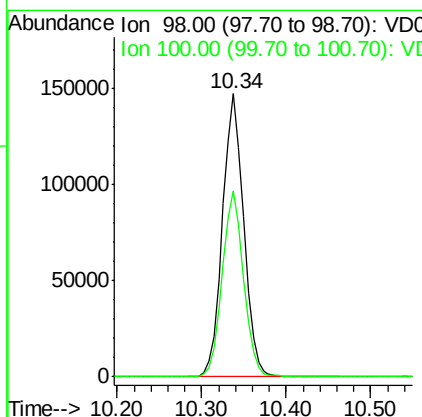
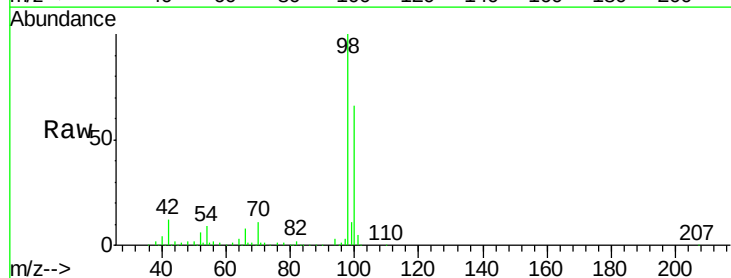
Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-081820

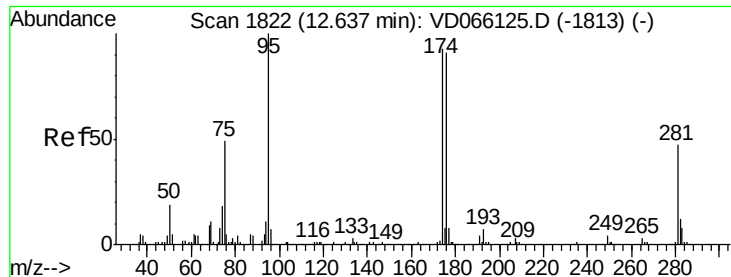
Tot Ion:113 Resp: 77114
 Ion Ratio Lower Upper
 113 100
 111 104.9 80.7 121.1
 192 22.5 18.4 27.6



#50
 Toluene-d8
 Concen: 46.233 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066346.D
 Acq: 20 Aug 2020 05:54

Tgt Ion: 98 Resp: 256792
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 78.8

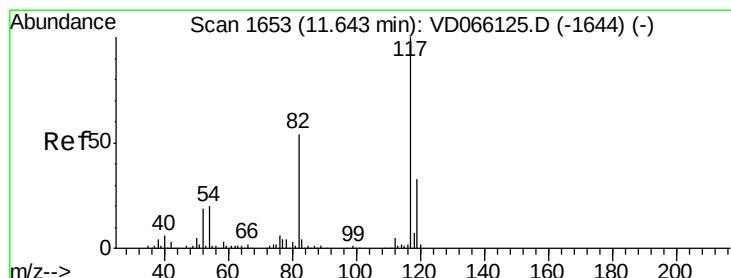
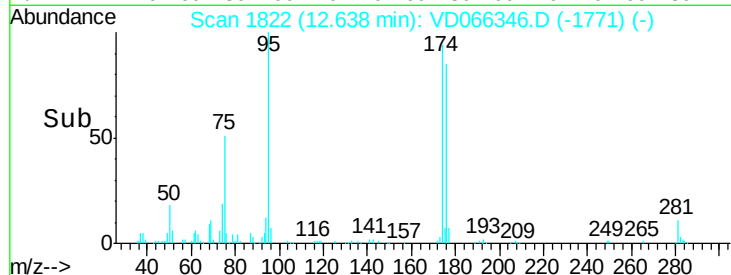
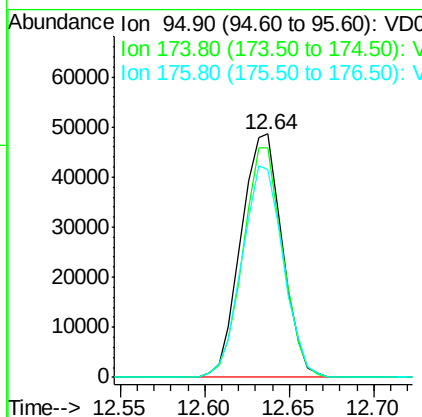
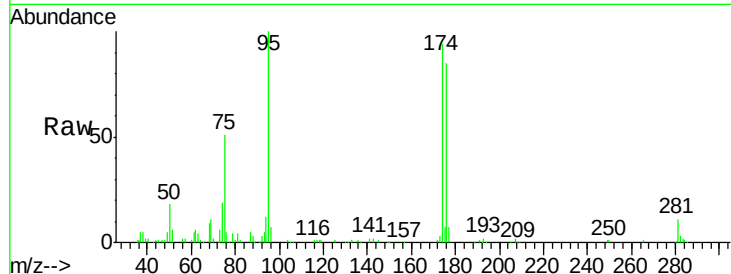




#62
4-Bromofluorobenzene
Concen: 41.310 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066346.D
Acq: 20 Aug 2020 05:54

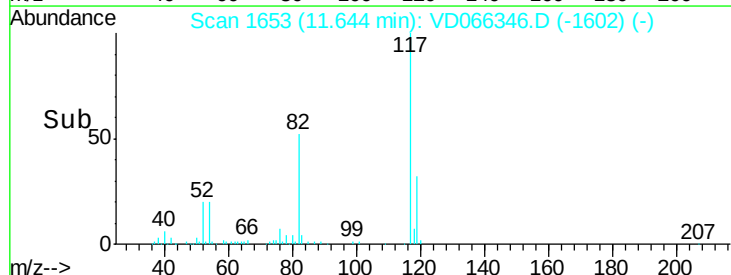
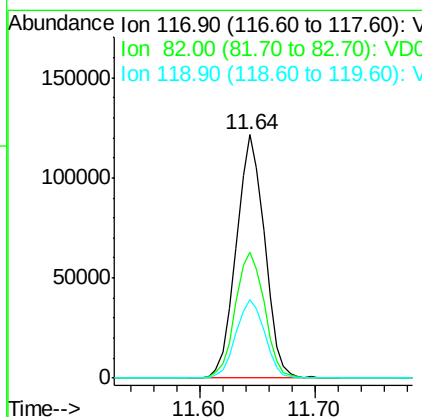
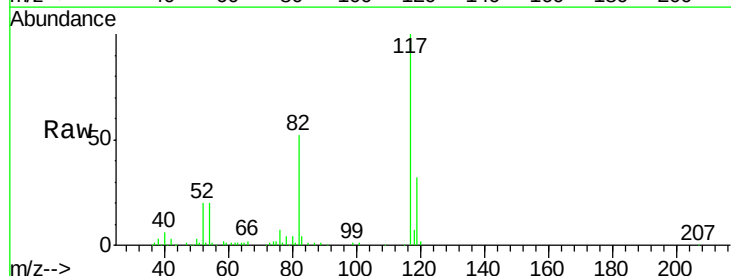
Instrument :
MSVOA_D
ClientSampleId :
HD-01-081820

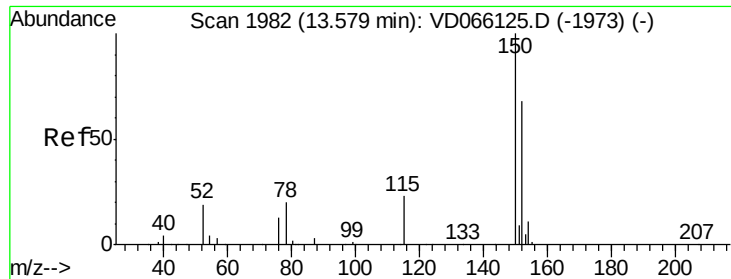
Tot Ion: 95 Resp: 82708
Ion Ratio Lower Upper
95 100
174 91.2 0.0 180.8
176 86.8 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066346.D
Acq: 20 Aug 2020 05:54

Tgt Ion: 117 Resp: 206764
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066346.D

Acq: 20 Aug 2020 05:54

Instrument :

MSVOA_D

ClientSampleId :

HD-01-081820

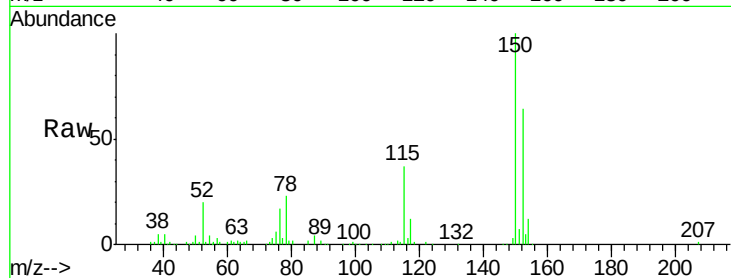
Tot Ion:152 Resp: 87979

Ion Ratio Lower Upper

152 100

115 57.2 28.0 83.9

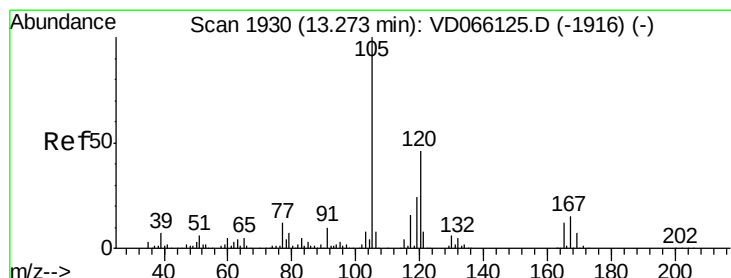
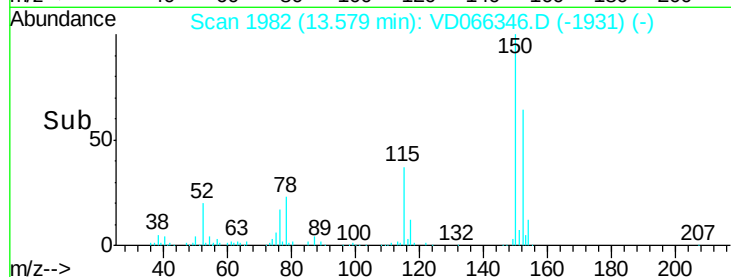
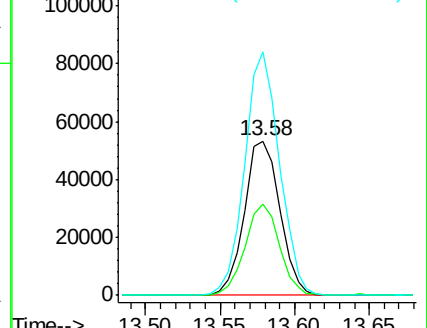
150 153.6 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.884 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066346.D

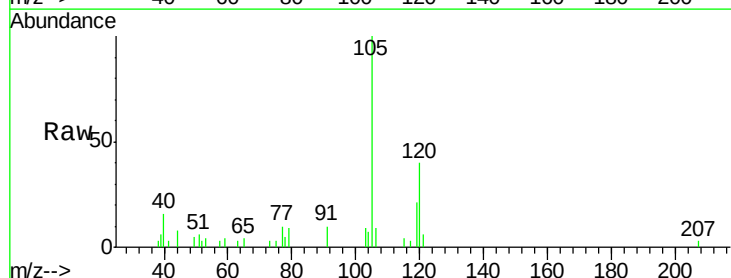
Acq: 20 Aug 2020 05:54

Tgt Ion:105 Resp: 9262

Ion Ratio Lower Upper

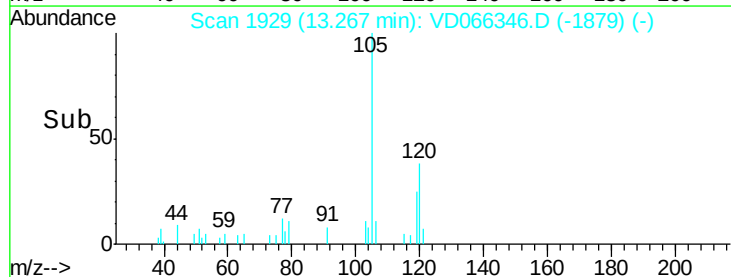
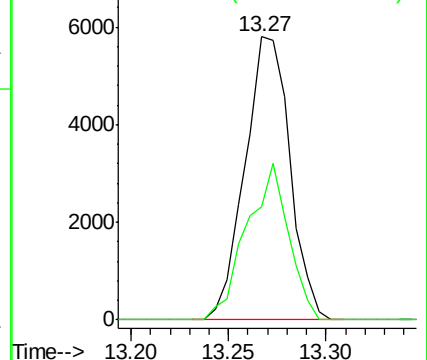
105 100

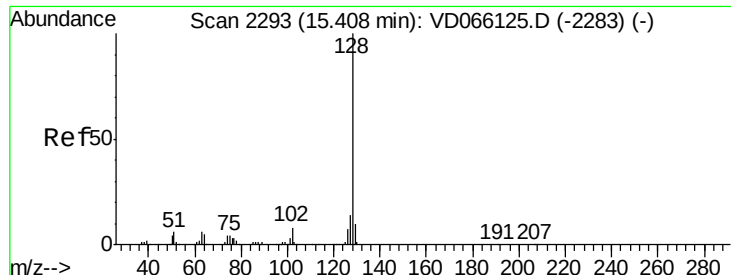
120 51.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 565.884 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066346.D

Acq: 20 Aug 2020 05:54

Instrument :

MSVOA_D

ClientSampleId :

HD-01-081820

Tot Ion:128 Resp: 1707449

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 10.9 8.8 13.2

