

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066347.D
 Acq On : 20 Aug 2020 06:21
 Operator : VA/SY
 Sample : L3729-01
 Misc : 4.39G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(0-1)

Quant Time: Aug 20 08:25:30 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

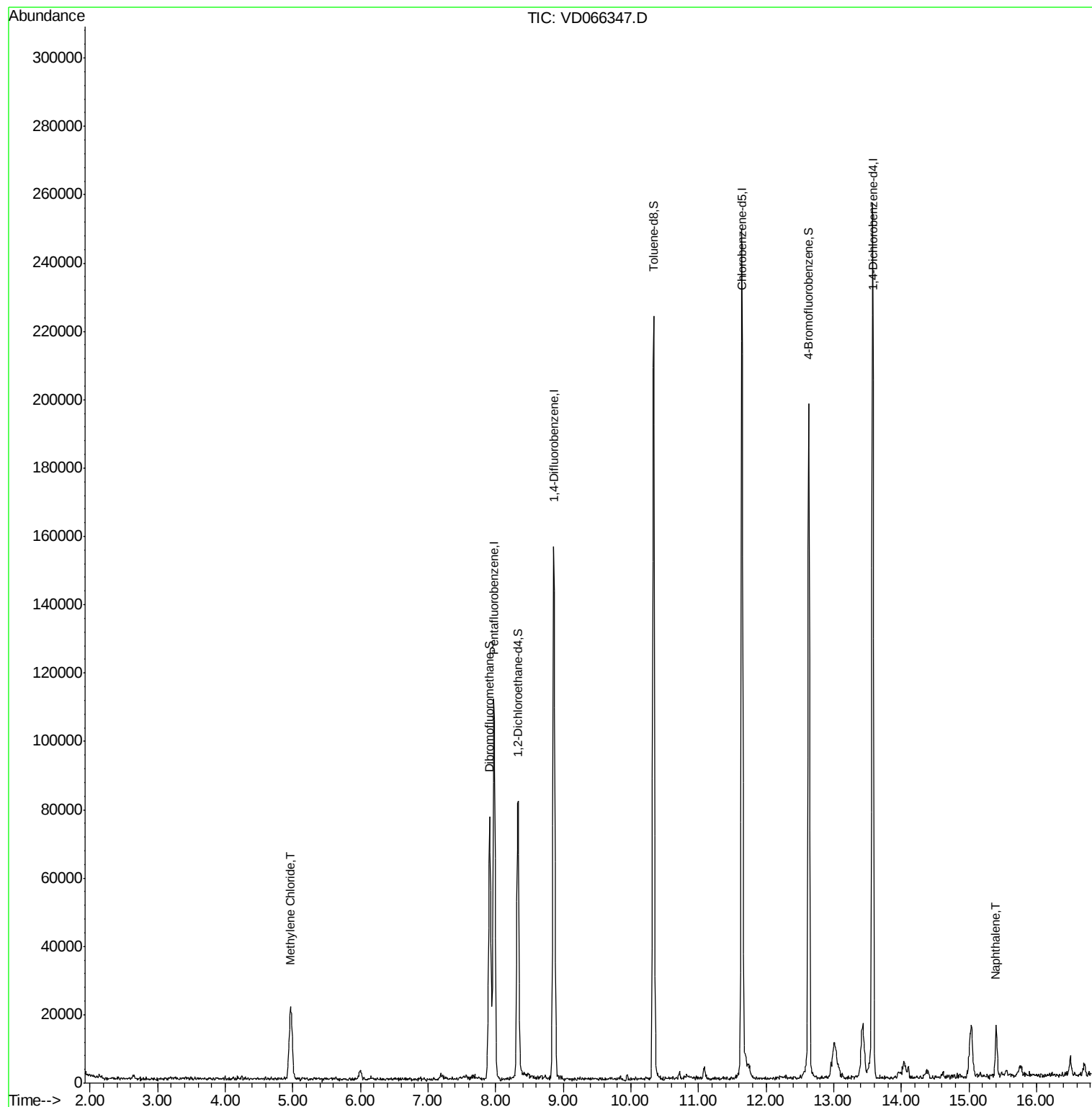
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	80188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	139038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	138702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	67976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	67508	94.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	188.72%	
35) Dibromofluoromethane	7.91	113	52518	59.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.26%	
50) Toluene-d8	10.34	98	153883	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.63	95	58330	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
20) Methylene Chloride	4.97	84	17086	19.028	ug/l	96
95) Naphthalene	15.40	128	14668	6.292	ug/l	98

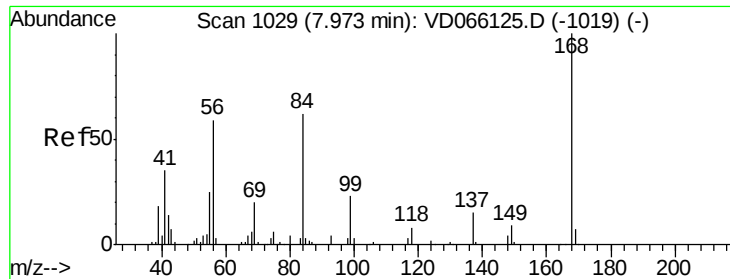
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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: VD066347.D

Acq: 20 Aug 2020 06:21

Instrument :

MSVOA_D

ClientSampleId :

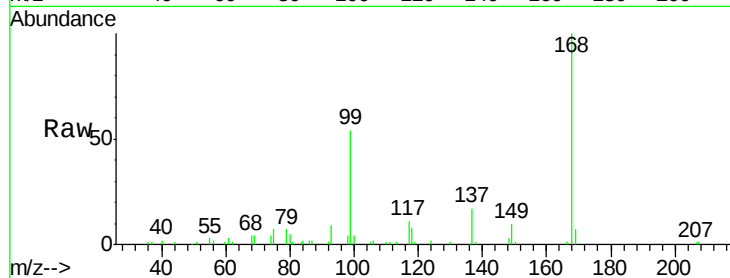
SB-3-(0-1)

Tot Ion:168 Resp: 80188

Ion Ratio Lower Upper

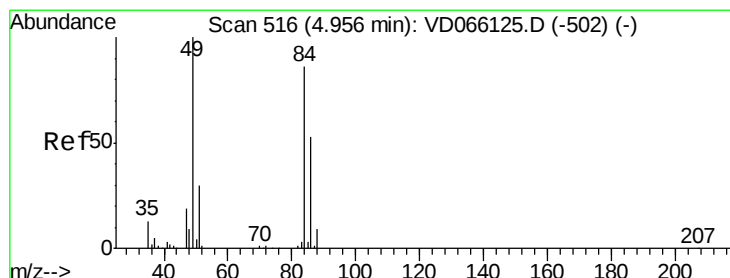
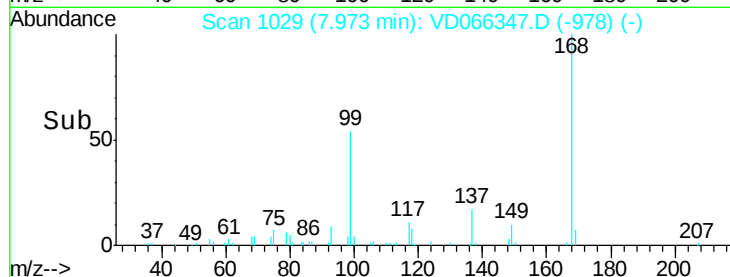
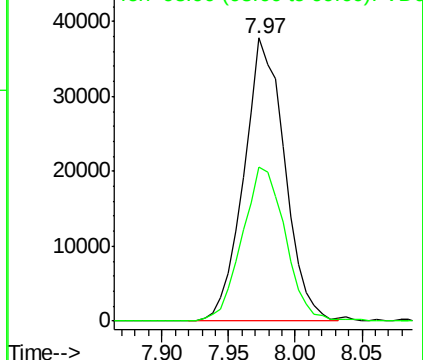
168 100

99 54.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 19.028 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.02 min

Lab File: VD066347.D

Acq: 20 Aug 2020 06:21

Tgt Ion: 84 Resp: 17086

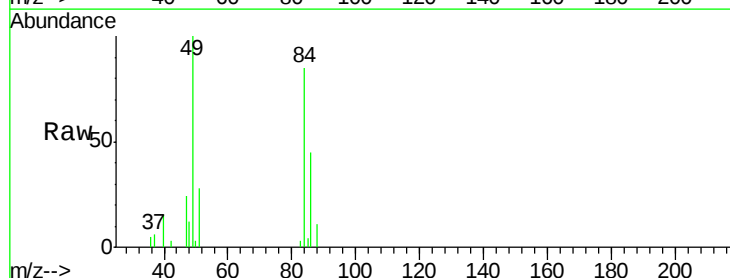
Ion Ratio Lower Upper

84 100

49 117.3 93.5 140.3

51 32.6 28.2 42.4

86 53.1 49.5 74.3

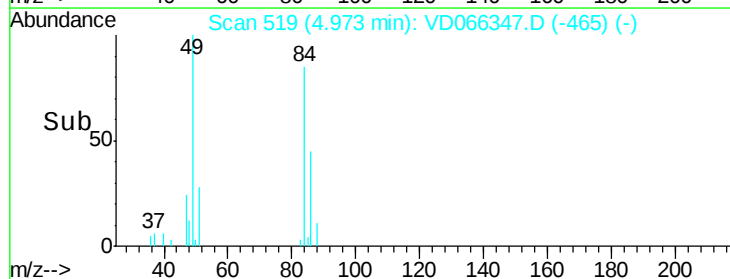
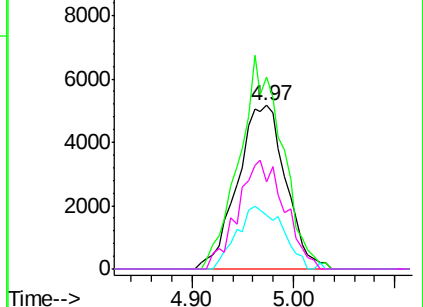


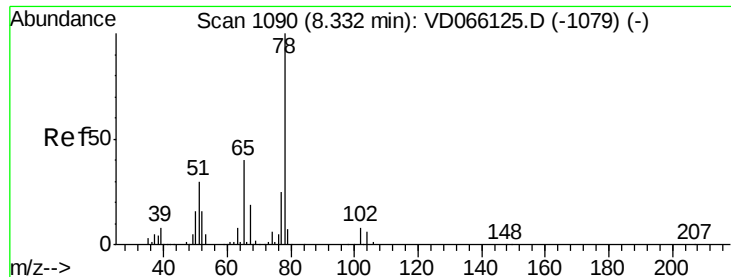
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

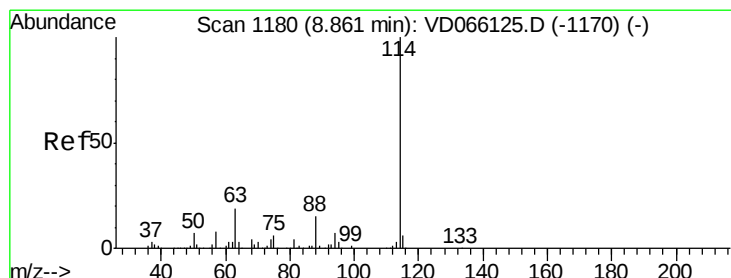
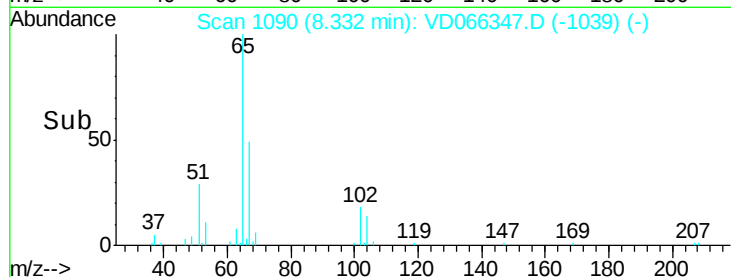
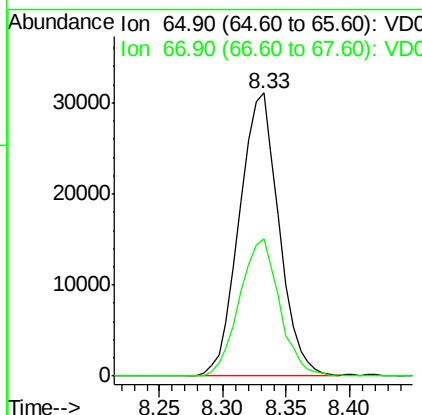
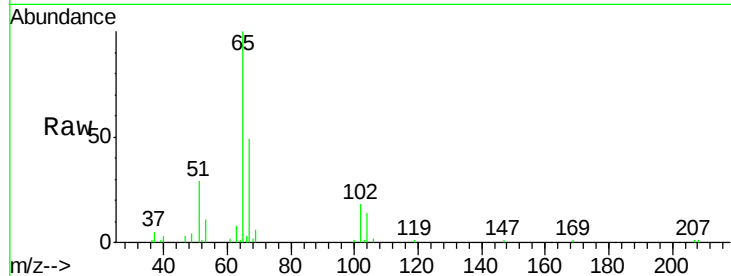




#33
 1,2-Dichloroethane-d4
 Concen: 94.364 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066347.D
 Acq: 20 Aug 2020 06:21

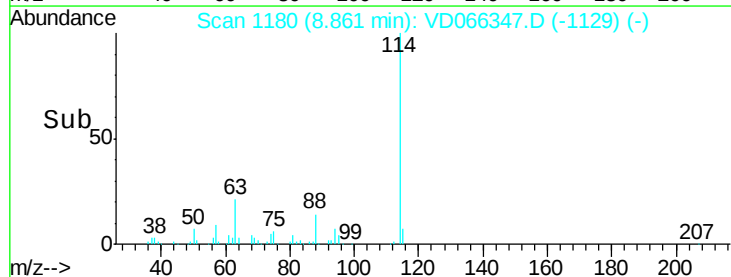
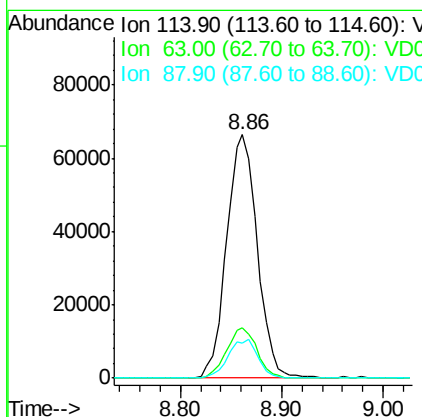
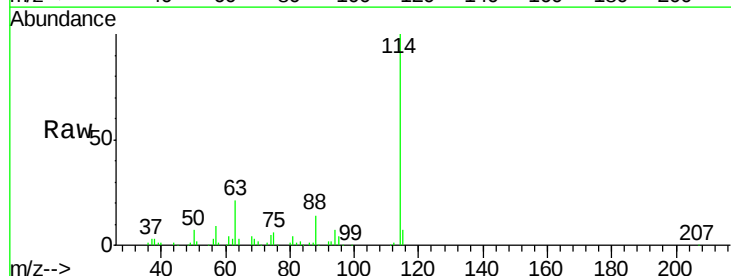
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(0-1)

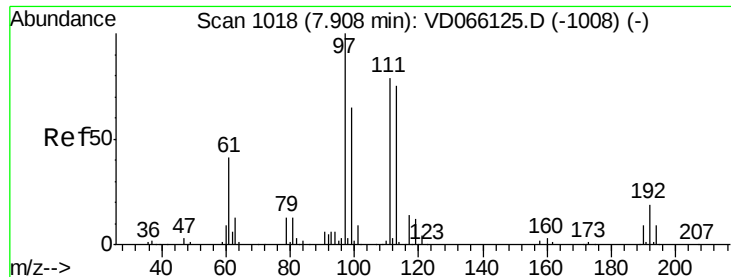
Tot Ion: 65 Resp: 67508
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066347.D
 Acq: 20 Aug 2020 06:21

Tgt Ion: 114 Resp: 139038
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.6
 88 14.3 0.0 30.0

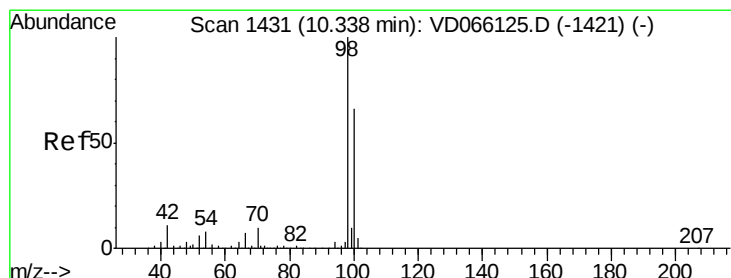
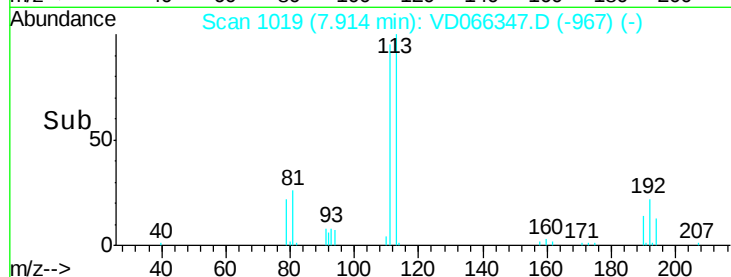
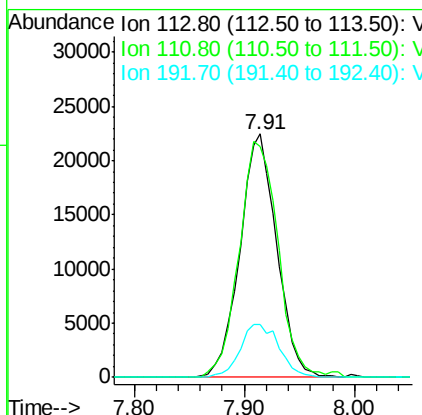
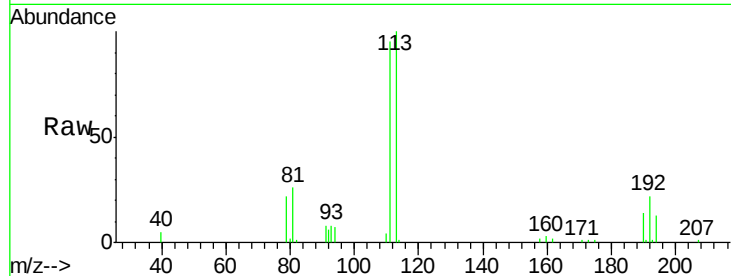




#35
 Dibromofluoromethane
 Concen: 59.626 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066347.D
 Acq: 20 Aug 2020 06:21

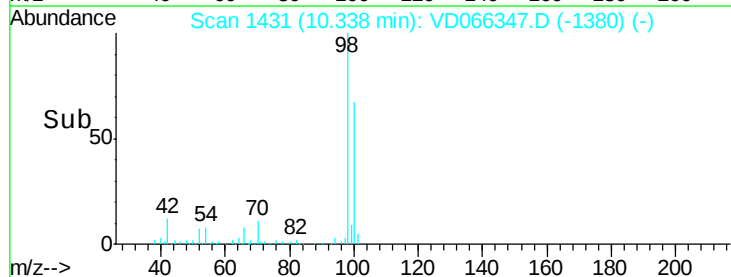
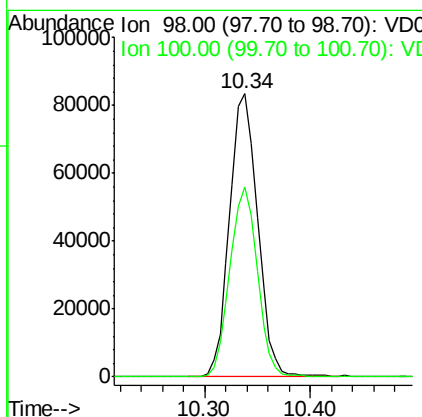
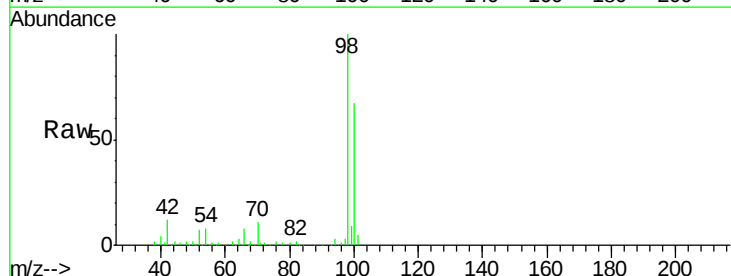
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(0-1)

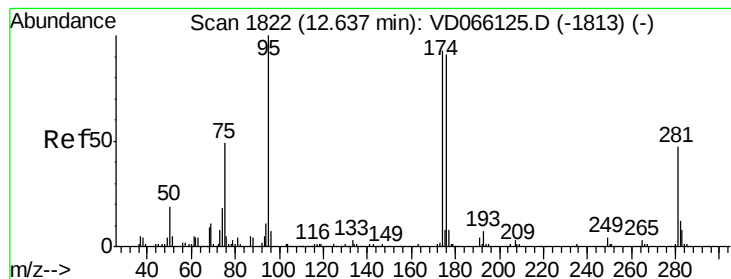
Tot Ion:113 Resp: 52518
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 23.0 18.4 27.6



#50
 Toluene-d8
 Concen: 47.344 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066347.D
 Acq: 20 Aug 2020 06:21

Tgt Ion: 98 Resp: 153883
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 49.786 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066347.D

Acq: 20 Aug 2020 06:21

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(0-1)

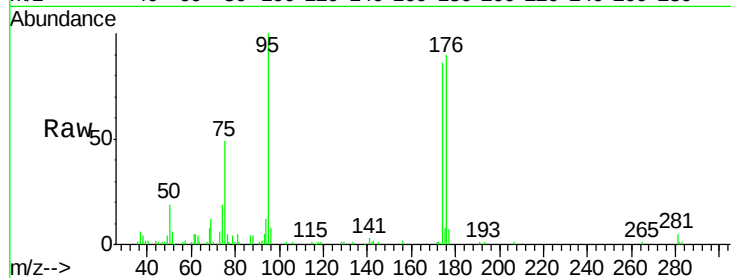
Tot Ion: 95 Resp: 58330

Ion Ratio Lower Upper

95 100

174 93.0 0.0 180.8

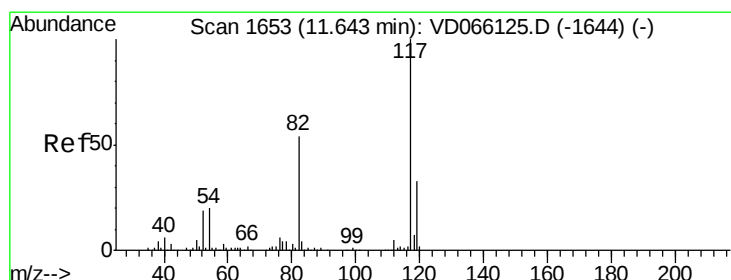
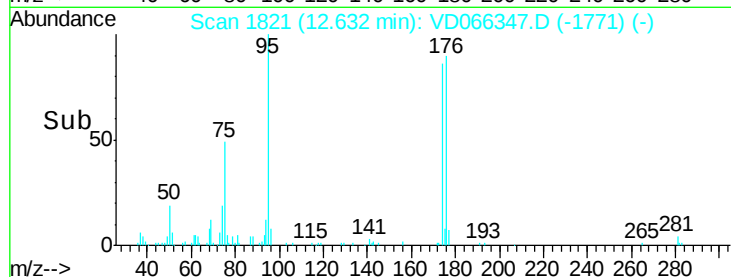
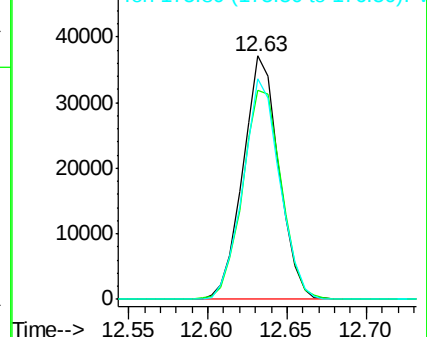
176 92.6 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066347.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066347.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066347.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066347.D

Acq: 20 Aug 2020 06:21

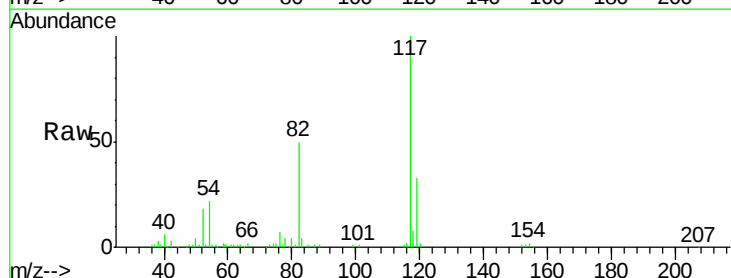
Tgt Ion: 117 Resp: 138702

Ion Ratio Lower Upper

117 100

82 50.3 43.0 64.4

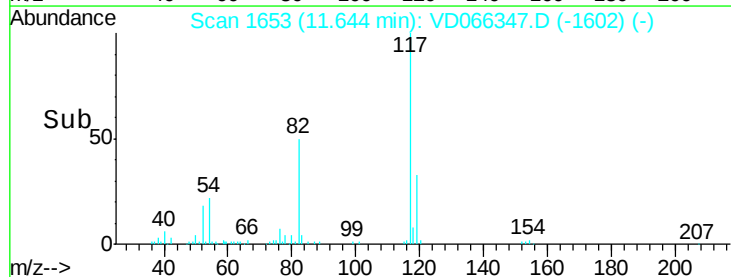
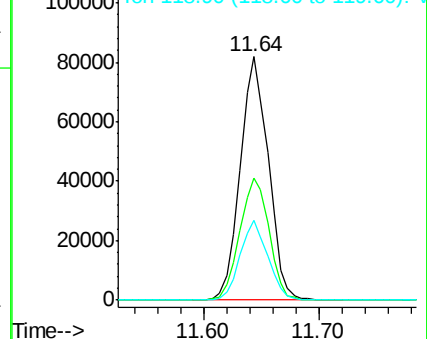
119 32.9 26.1 39.1

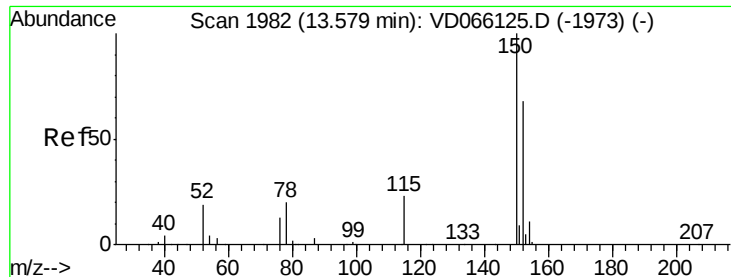


Abundance Ion 116.90 (116.60 to 117.60): VD066347.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066347.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066347.D (-1602) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066347.D

Acq: 20 Aug 2020 06:21

Instrument :

MSVOA_D

ClientSampleId :

SB-3-(0-1)

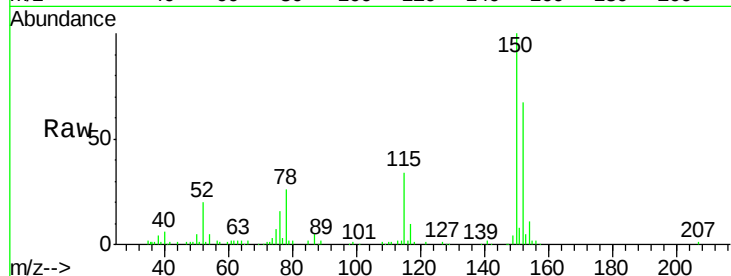
Tot Ion:152 Resp: 67976

Ion Ratio Lower Upper

152 100

115 56.0 28.0 83.9

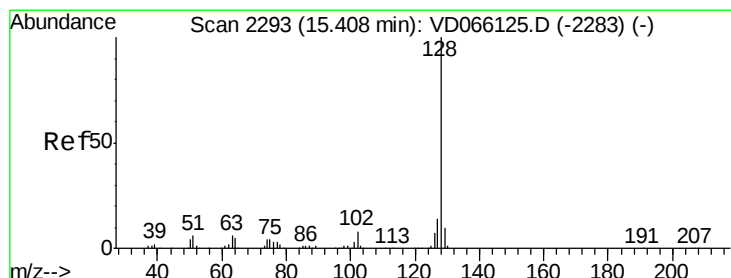
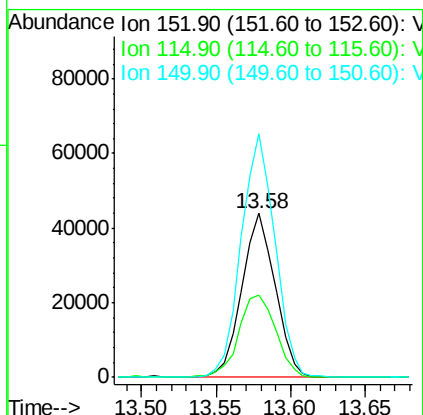
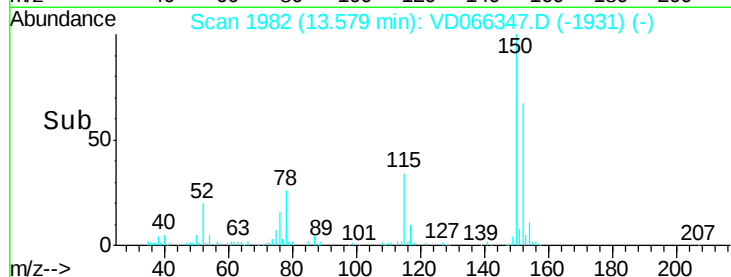
150 150.1 0.0 346.4



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



#95

Naphthalene

Concen: 6.292 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066347.D

Acq: 20 Aug 2020 06:21

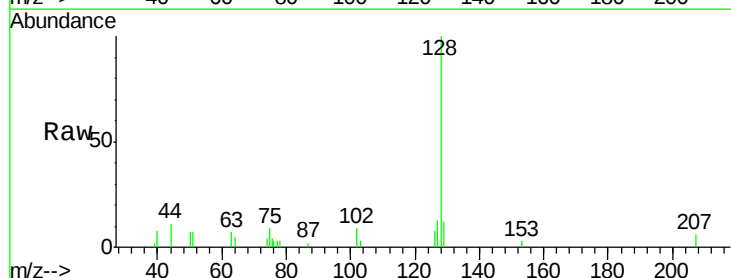
Tgt Ion:128 Resp: 14668

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.4

129 12.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

