

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066675.D
 Acq On : 14 Sep 2020 16:05
 Operator : VA/SY
 Sample : L3928-09
 Misc : 6.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8-16.0-16.5

Quant Time: Sep 15 02:32:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

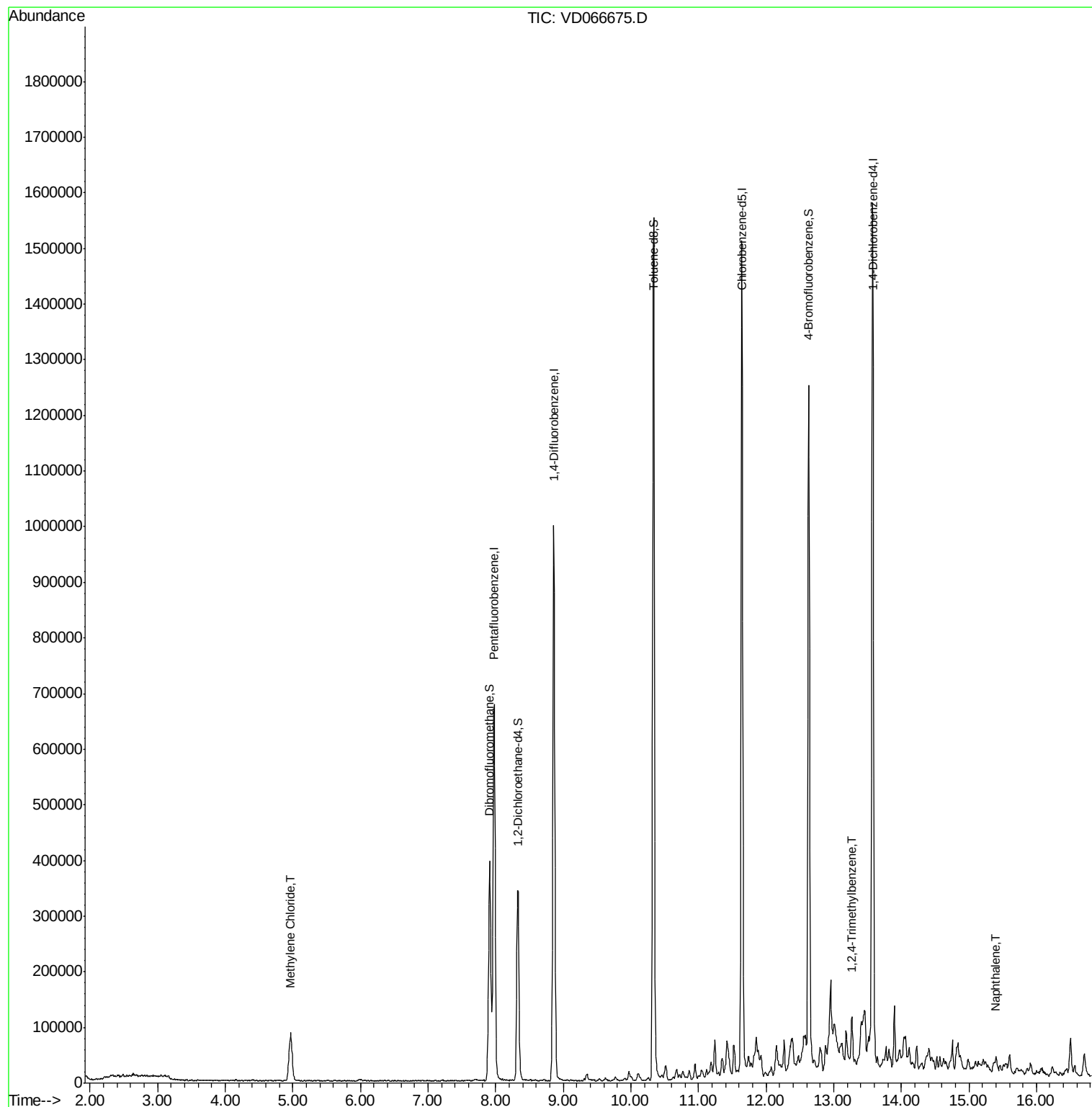
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	460660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	815214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	793077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	374890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	296280	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
35) Dibromofluoromethane	7.91	113	276276	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.34	98	1011714	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.63	95	385194	59.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.20%	
Target Compounds						
20) Methylene Chloride	4.96	84	64877	5.751	ug/l	88
84) 1,2,4-Trimethylbenzene	13.27	105	46810	2.013	ug/l	97
95) Naphthalene	15.41	128	22846	2.029	ug/l #	92

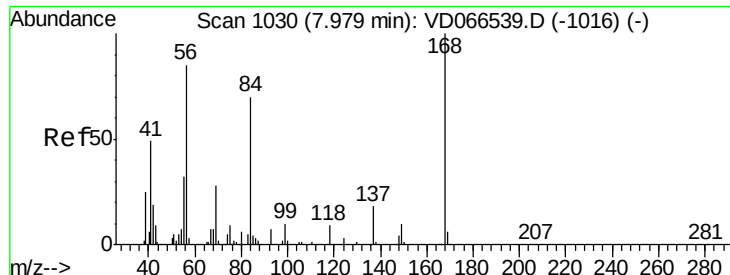
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066675.D

Acq: 14 Sep 2020 16:05

Instrument :

MSVOA_D

ClientSampleId :

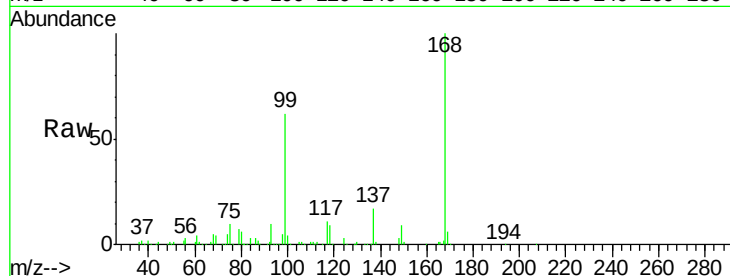
SB-8-16.0-16.5

Tot Ion:168 Resp: 460660

Ion Ratio Lower Upper

168 100

99 61.8 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

200000

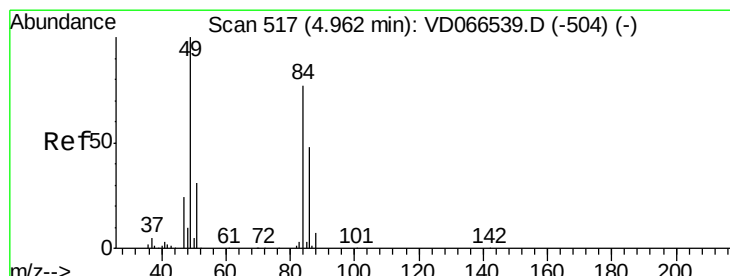
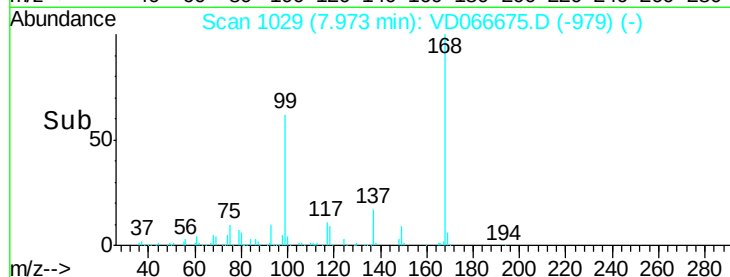
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.751 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD066675.D

Acq: 14 Sep 2020 16:05

Tgt Ion: 84 Resp: 64877

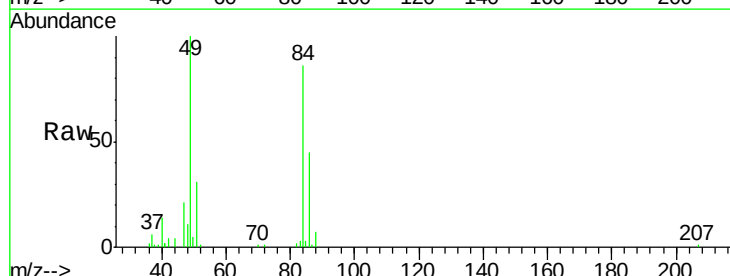
Ion Ratio Lower Upper

84 100

49 115.9 104.3 156.5

51 36.2 32.2 48.4

86 52.7 50.0 75.0



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

4.96

40000

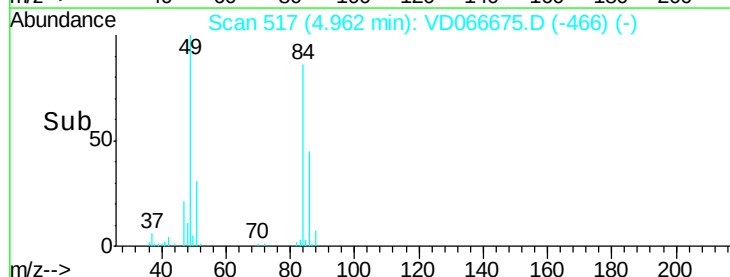
30000

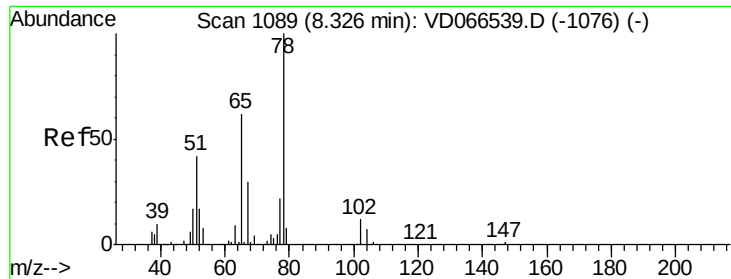
20000

10000

0

Time-->

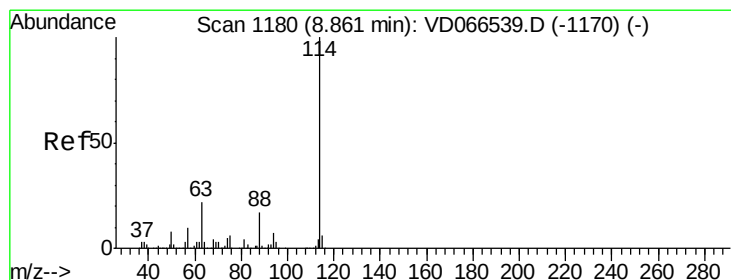
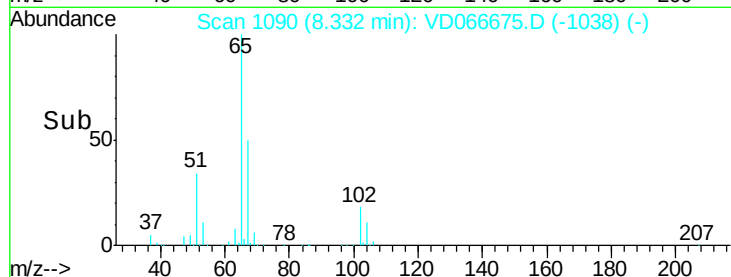
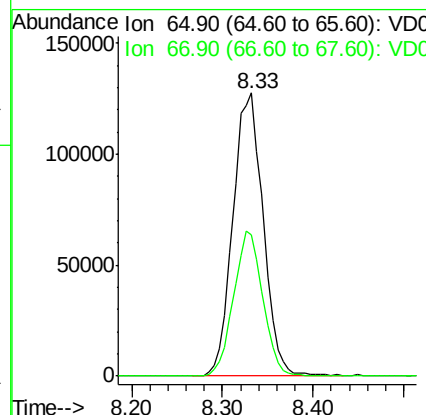
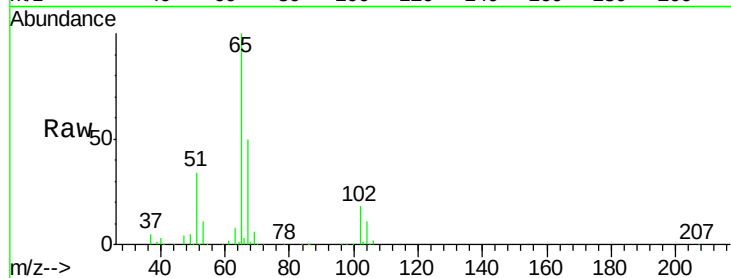




#33
 1,2-Dichloroethane-d4
 Concen: 53.158 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VD066675.D
 Acq: 14 Sep 2020 16:05

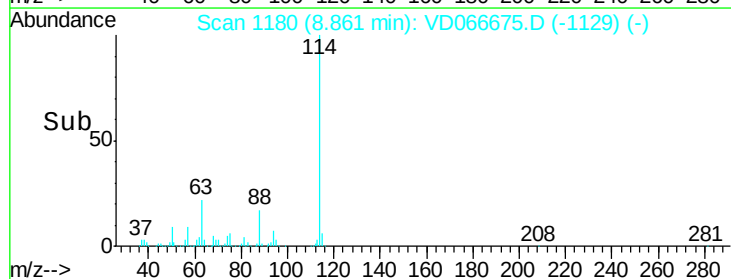
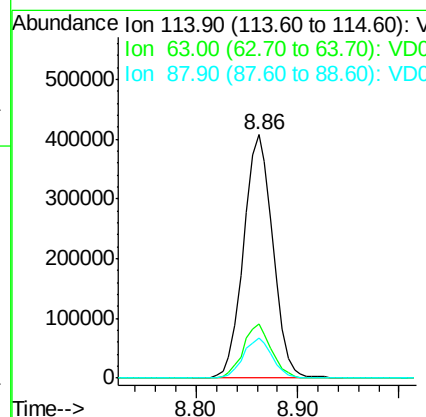
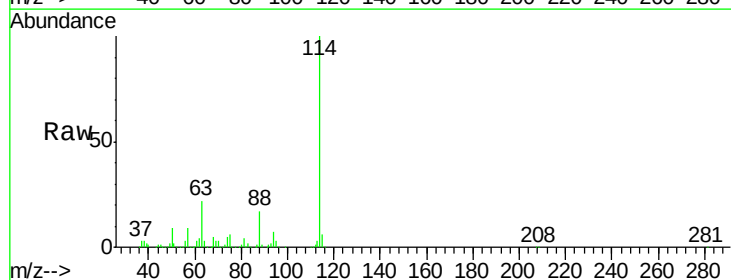
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8-16.0-16.5

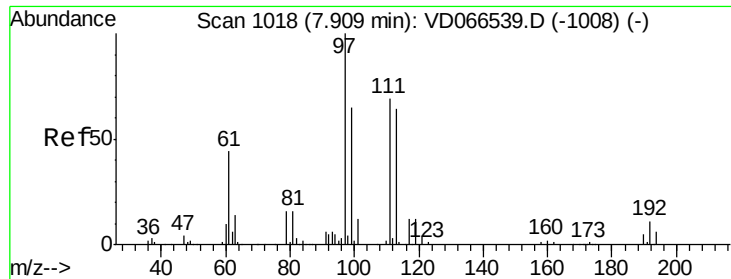
Tot Ion: 65 Resp: 296280
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066675.D
 Acq: 14 Sep 2020 16:05

Tgt Ion: 114 Resp: 815214
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.6 0.0 33.2

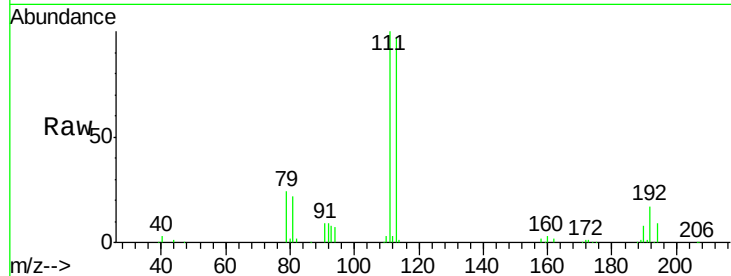




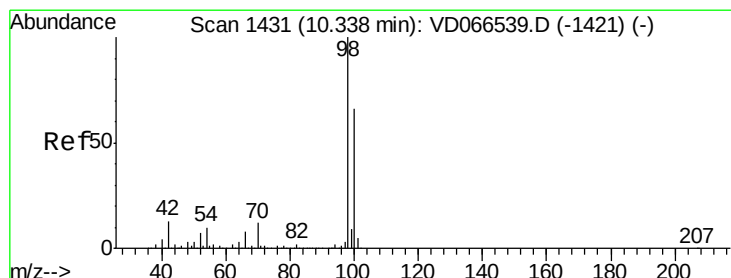
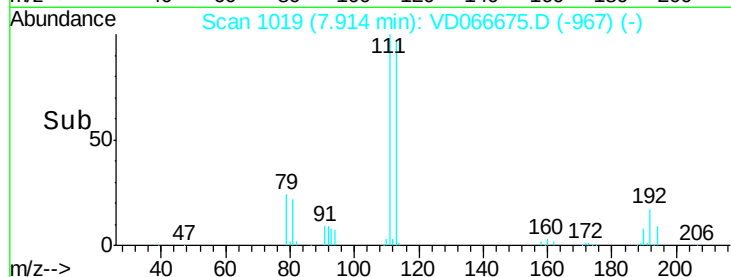
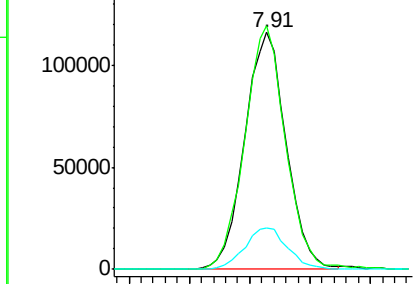
#35
 Dibromofluoromethane
 Concen: 50.237 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066675.D
 Acq: 14 Sep 2020 16:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8-16.0-16.5

Tot Ion:113 Resp: 276276
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.2 124.8
 192 17.9 13.7 20.5

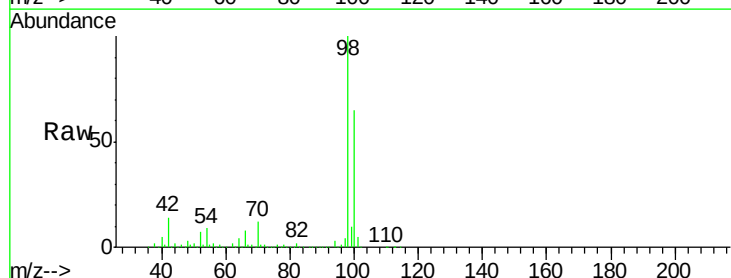


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

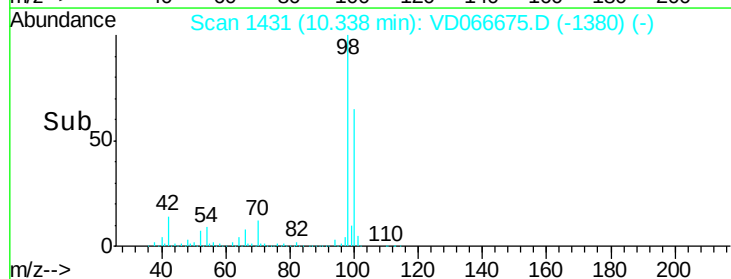
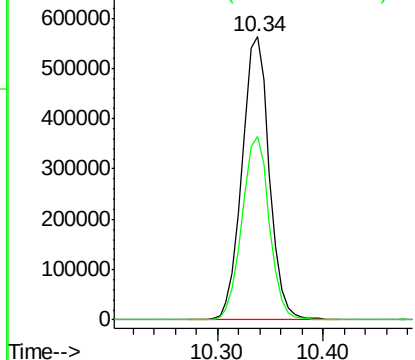


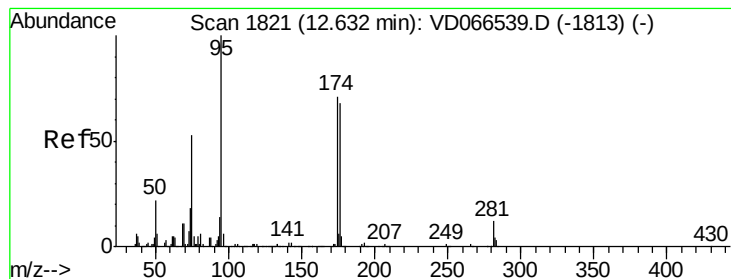
#50
 Toluene-d8
 Concen: 51.471 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066675.D
 Acq: 14 Sep 2020 16:05

Tgt Ion: 98 Resp: 1011714
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.9 79.3



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





#62

4-Bromofluorobenzene

Concen: 59.099 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066675.D

Acq: 14 Sep 2020 16:05

Instrument :

MSVOA_D

ClientSampleId :

SB-8-16.0-16.5

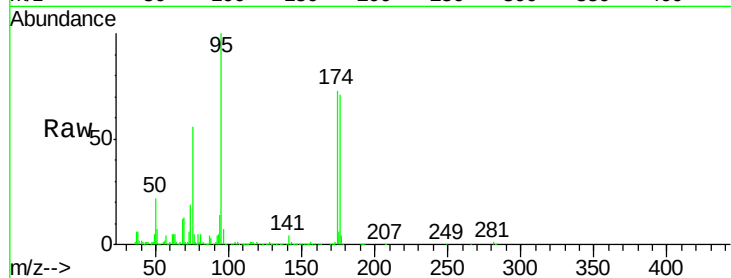
Tot Ion: 95 Resp: 385194

Ion Ratio Lower Upper

95 100

174 75.5 0.0 155.8

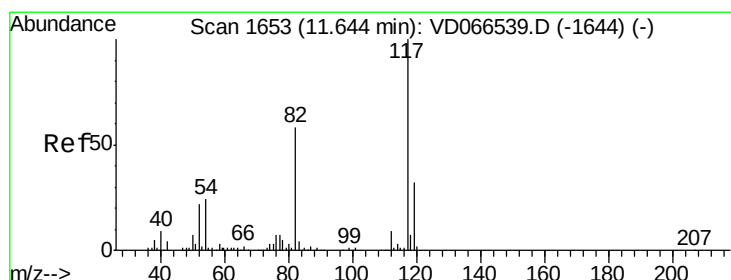
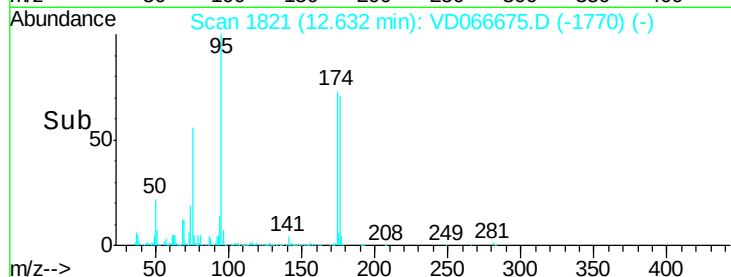
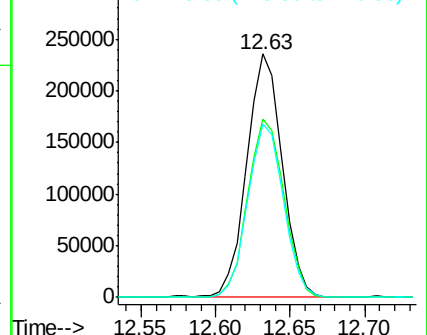
176 72.2 0.0 148.6



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: VD066675.D

Acq: 14 Sep 2020 16:05

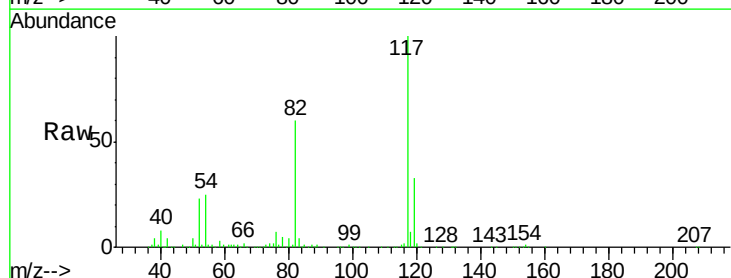
Tgt Ion: 117 Resp: 793077

Ion Ratio Lower Upper

117 100

82 59.8 46.2 69.2

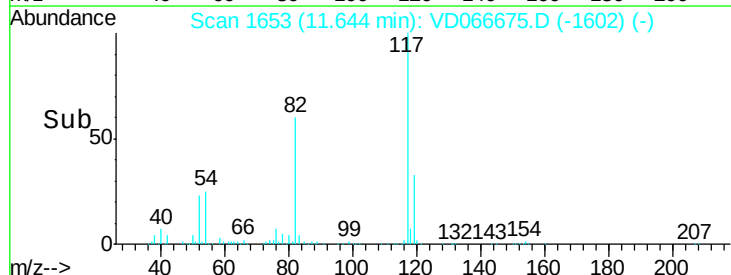
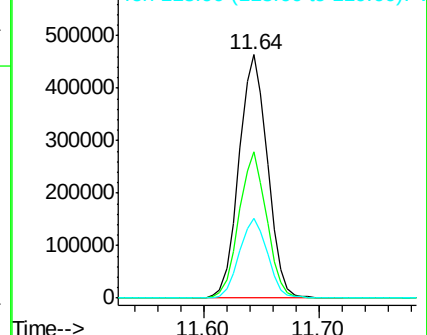
119 32.8 25.8 38.8

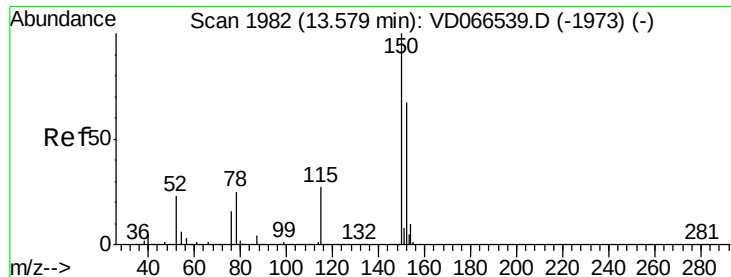


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066675.D

Acq: 14 Sep 2020 16:05

Instrument :

MSVOA_D

ClientSampleId :

SB-8-16.0-16.5

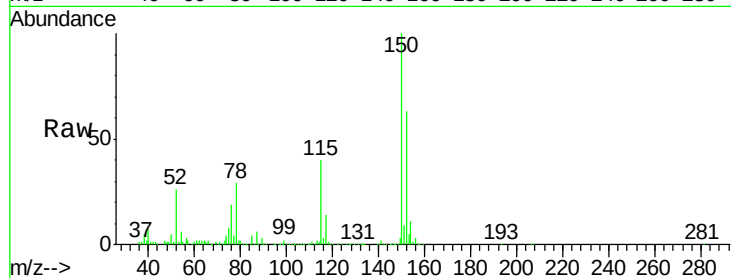
Tot Ion:152 Resp: 374890

Ion Ratio Lower Upper

152 100

115 65.0 30.4 91.2

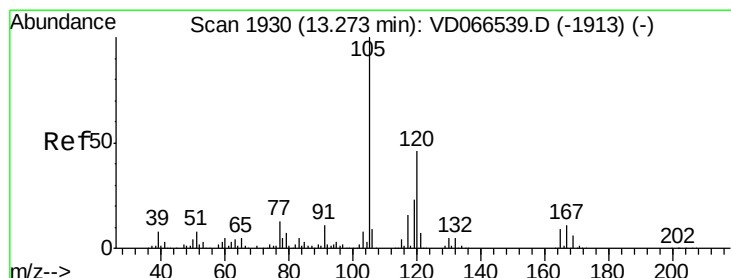
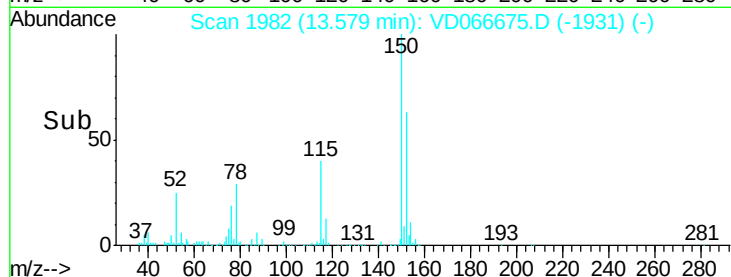
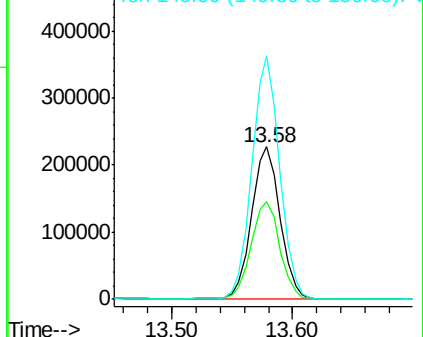
150 154.5 0.0 345.8



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: 2.013 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066675.D

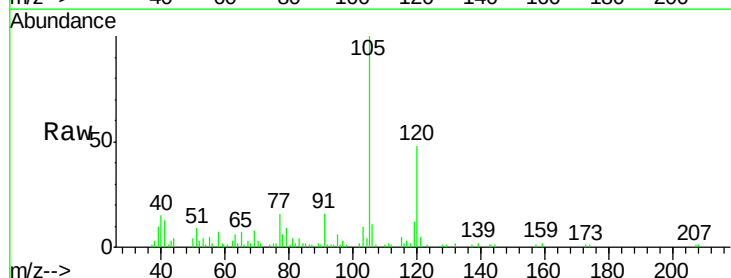
Acq: 14 Sep 2020 16:05

Tgt Ion:105 Resp: 46810

Ion Ratio Lower Upper

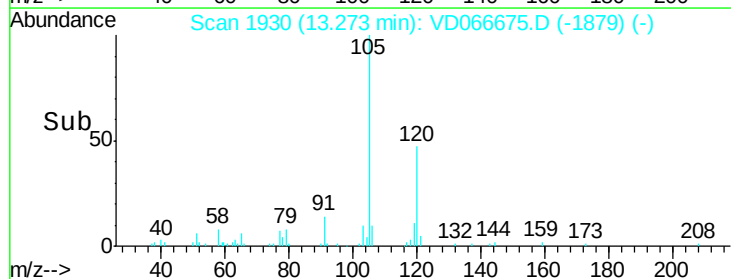
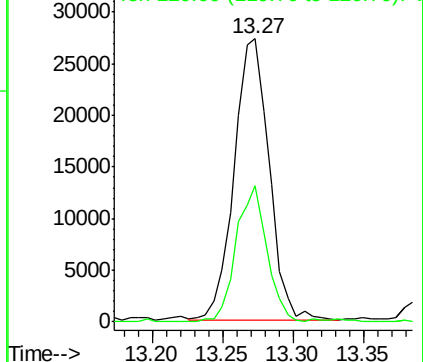
105 100

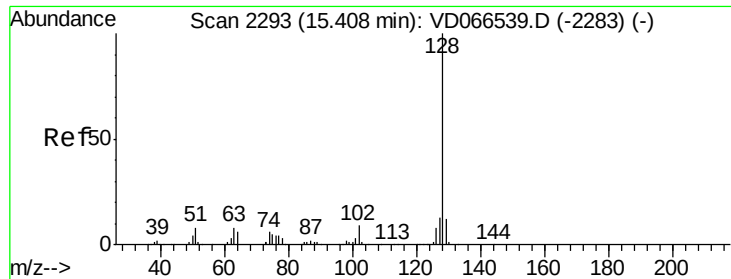
120 42.8 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.029 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

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SB-8-16.0-16.5

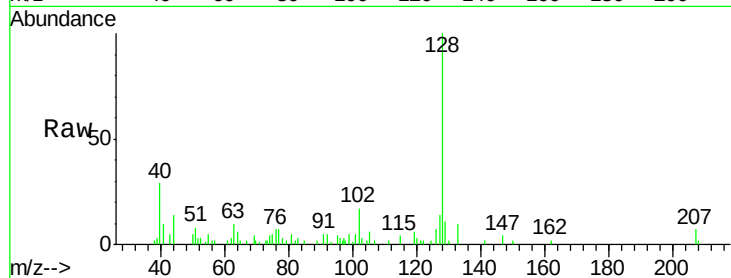
Tot Ion:128 Resp: 22846

Ion Ratio Lower Upper

128 100

127 17.1 10.7 16.1#

129 13.8 9.1 13.7#



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

