

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066184.D
 Acq On : 11 Aug 2020 14:08
 Operator : VA/SY
 Sample : L3639-07
 Misc : 6.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-J09

Quant Time: Aug 11 15:33:52 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

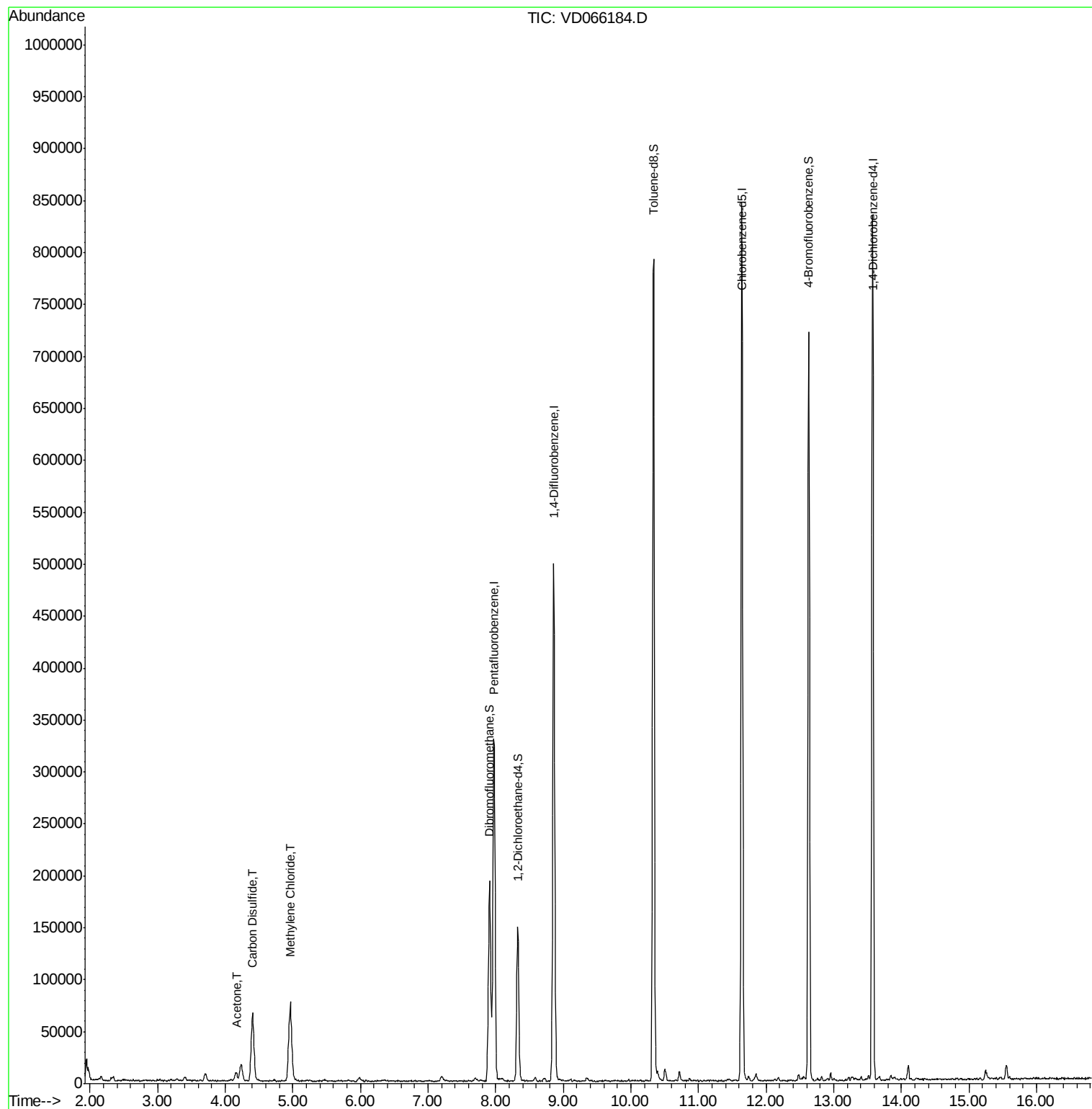
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	266653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	447022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	489760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	233663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	114497	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	7.91	113	138634	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.34	98	554218	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.63	95	226854	60.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.44%	
Target Compounds						
16) Acetone	4.17	43	14758	32.695	ug/l	98
17) Carbon Disulfide	4.40	76	140678	18.736	ug/l	100
20) Methylene Chloride	4.96	84	60345	20.529	ug/l #	97

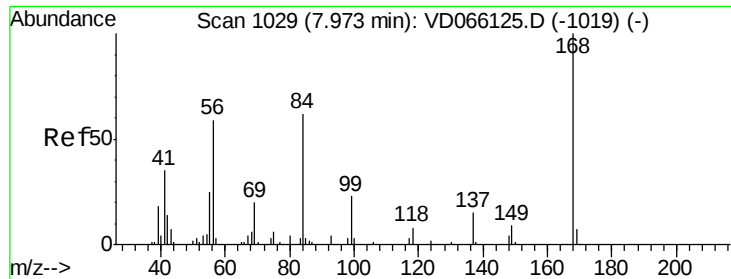
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081120\
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Acq On : 11 Aug 2020 14:08
Operator : VA/SY
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
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: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066184.D

Acq: 11 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

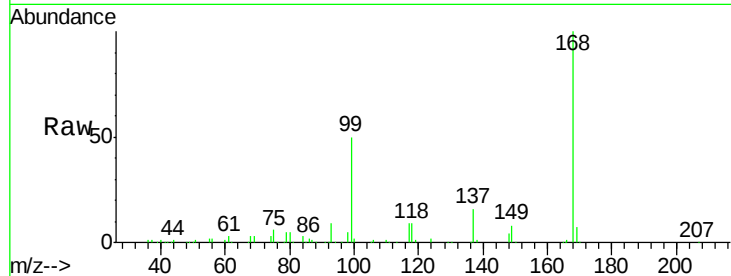
MH-J09

Tot Ion:168 Resp: 266653

Ion Ratio Lower Upper

168 100

99 49.5 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

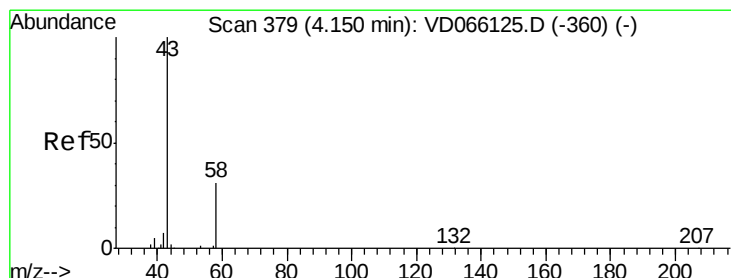
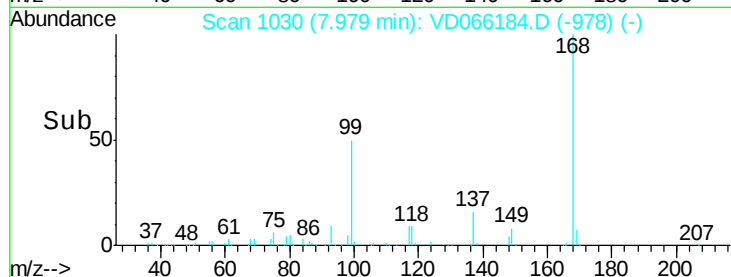
7.98

100000

50000

0

Time-->



#16

Acetone

Concen: 32.695 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD066184.D

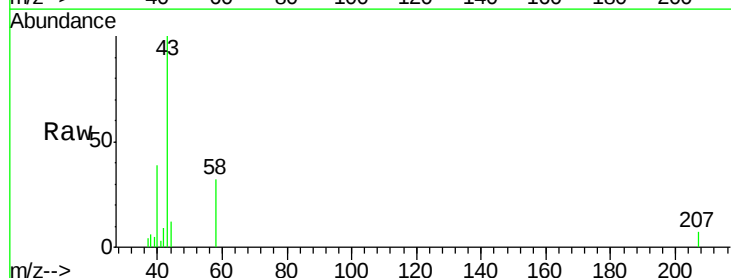
Acq: 11 Aug 2020 14:08

Tgt Ion: 43 Resp: 14758

Ion Ratio Lower Upper

43 100

58 32.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

6000

5000

4000

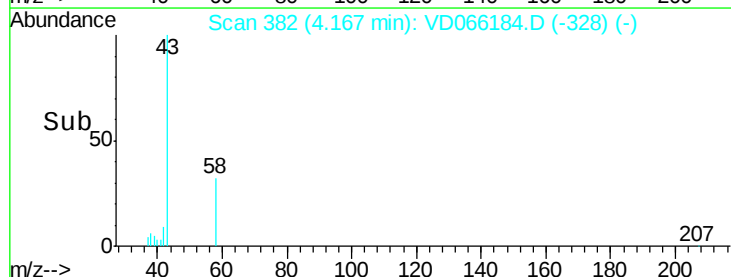
3000

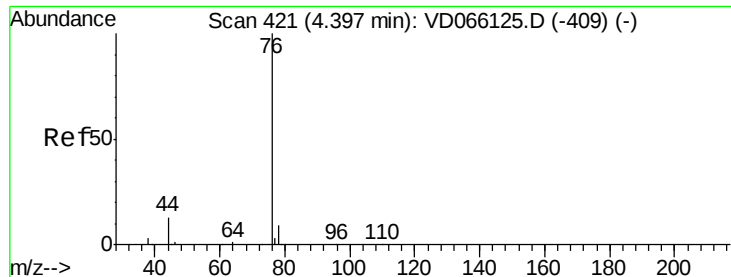
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 18.736 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066184.D

Acq: 11 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampled :

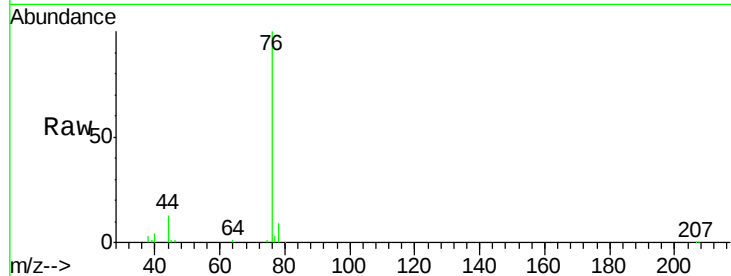
MH-J09

Tot Ion: 76 Resp: 140678

Ion Ratio Lower Upper

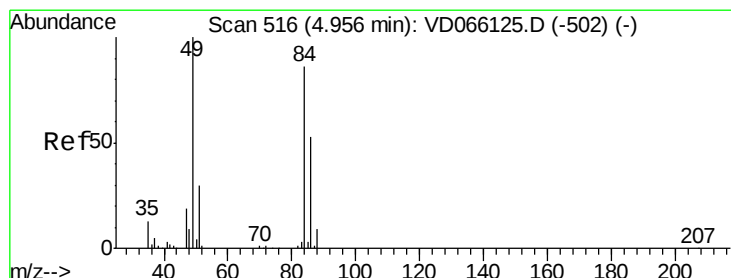
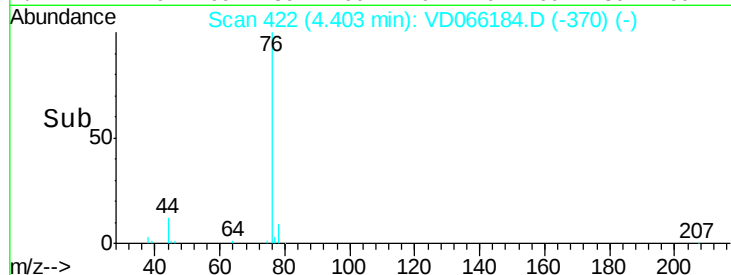
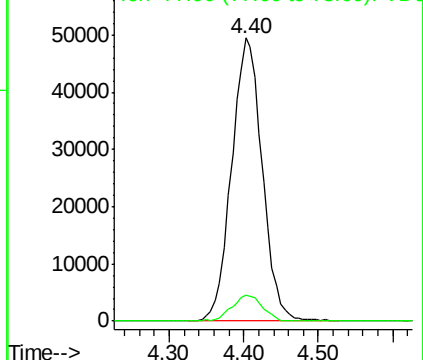
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#20

Methylene Chloride

Concen: 20.529 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066184.D

Acq: 11 Aug 2020 14:08

Tgt Ion: 84 Resp: 60345

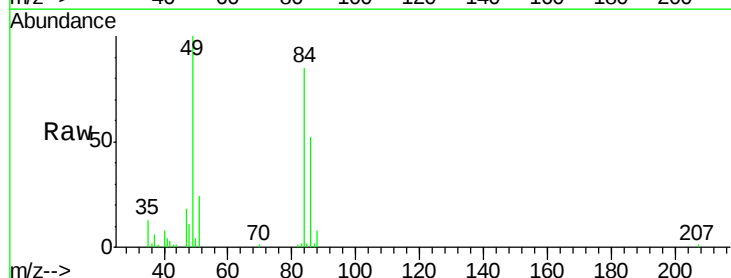
Ion Ratio Lower Upper

84 100

49 117.2 93.5 140.3

51 28.1 28.2 42.4#

86 60.5 49.5 74.3

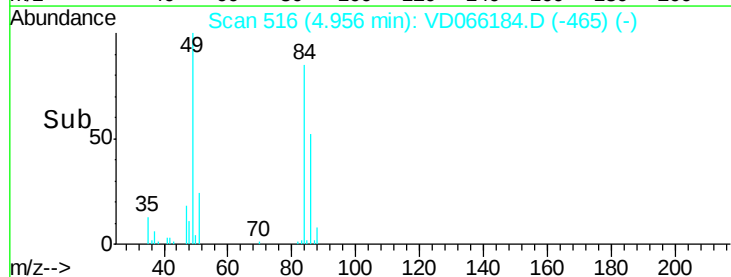
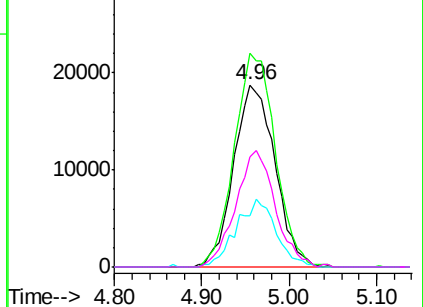


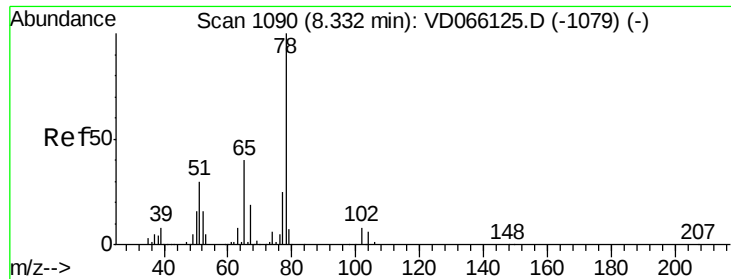
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

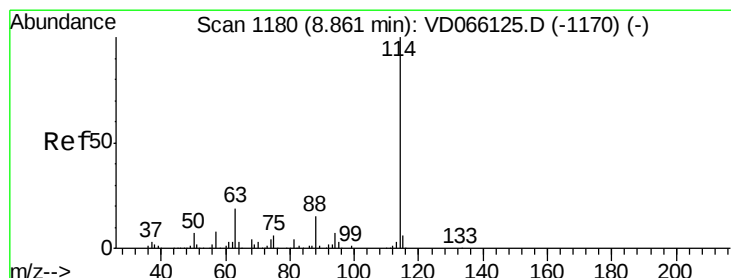
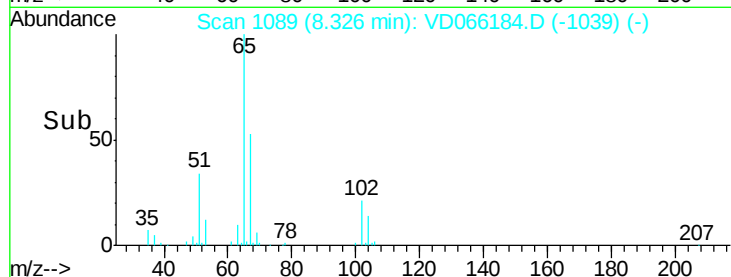
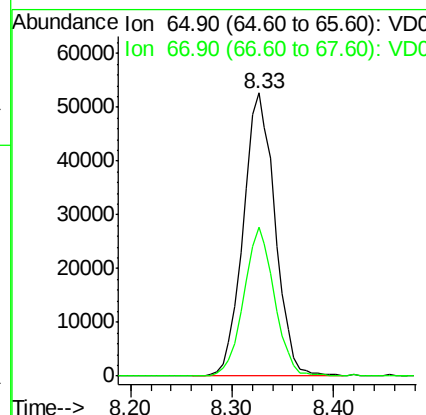
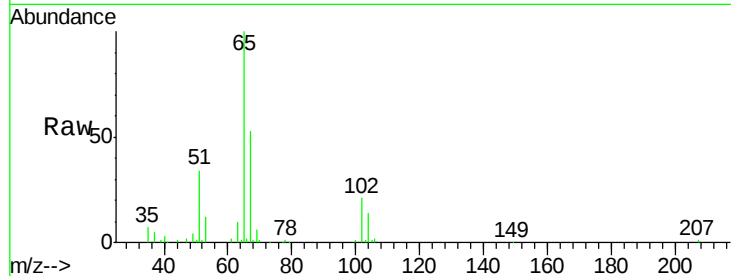




#33
 1,2-Dichloroethane-d4
 Concen: 48.129 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066184.D
 Acq: 11 Aug 2020 14:08

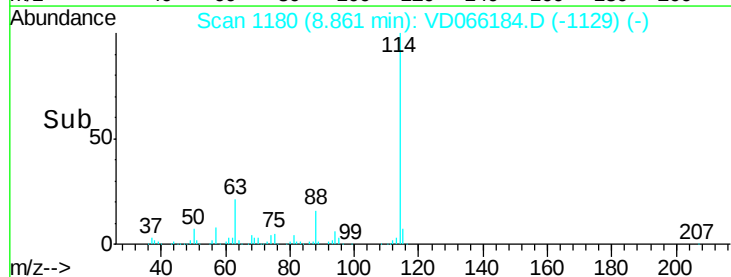
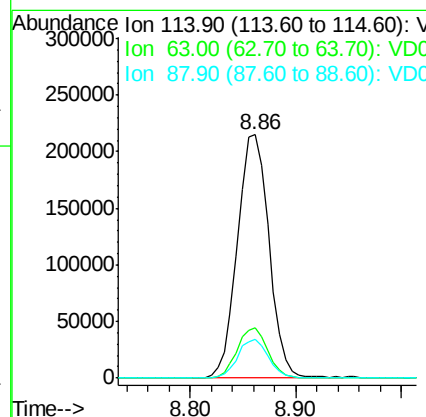
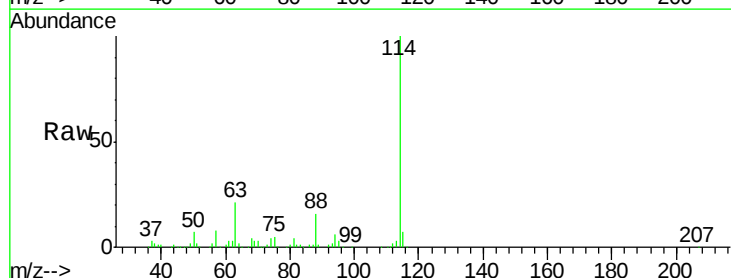
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-J09

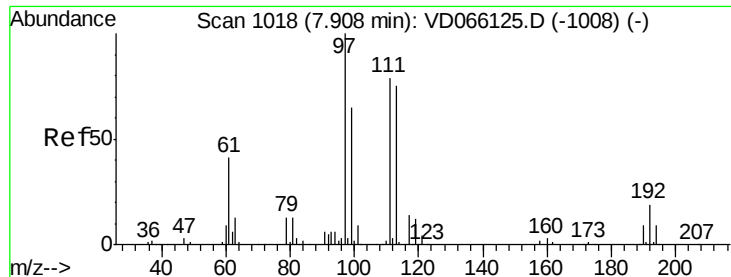
Tot Ion: 65 Resp: 114497
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066184.D
 Acq: 11 Aug 2020 14:08

Tgt Ion: 114 Resp: 447022
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.6
 88 15.7 0.0 30.0

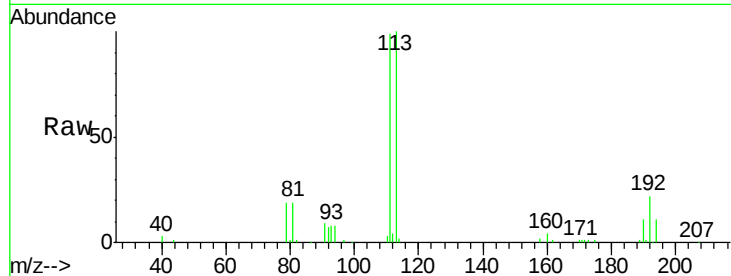




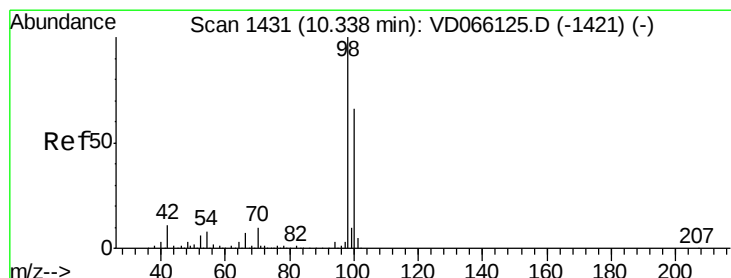
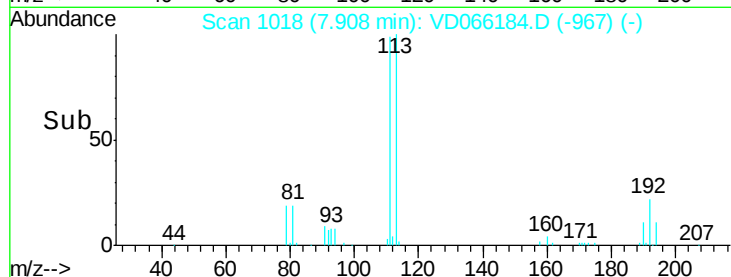
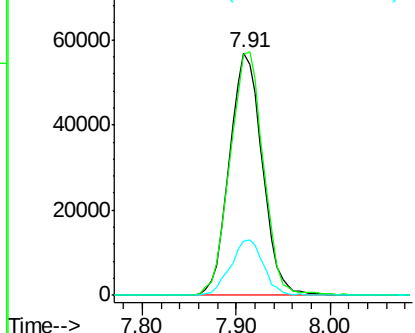
#35
 Dibromofluoromethane
 Concen: 48.955 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066184.D
 Acq: 11 Aug 2020 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-J09

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	22.9	18.4	27.6

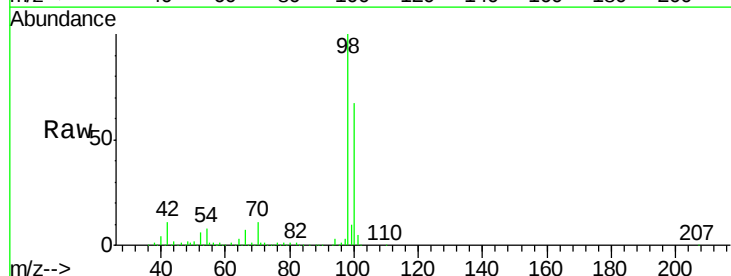


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

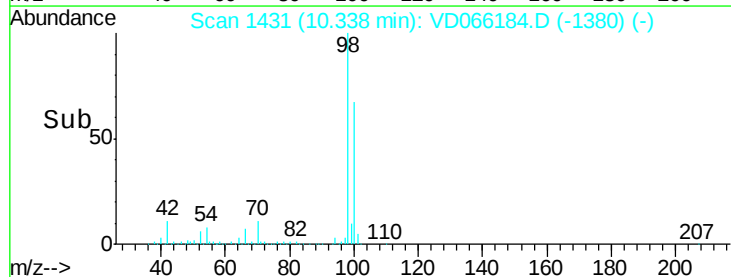
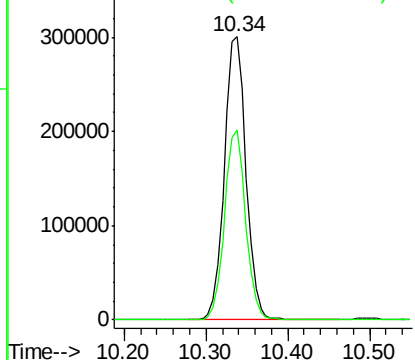


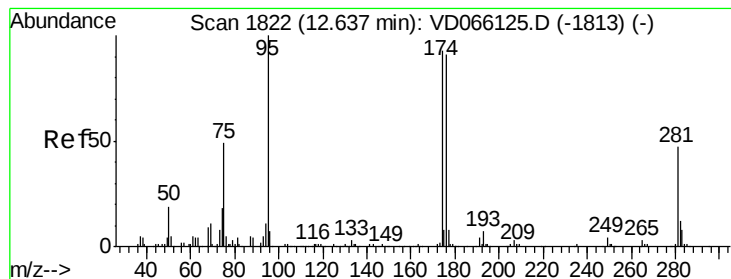
#50
 Toluene-d8
 Concen: 53.034 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066184.D
 Acq: 11 Aug 2020 14:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.6	78.8



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





#62

4-Bromofluorobenzene

Concen: 60.223 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066184.D

Acq: 11 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

MH-J09

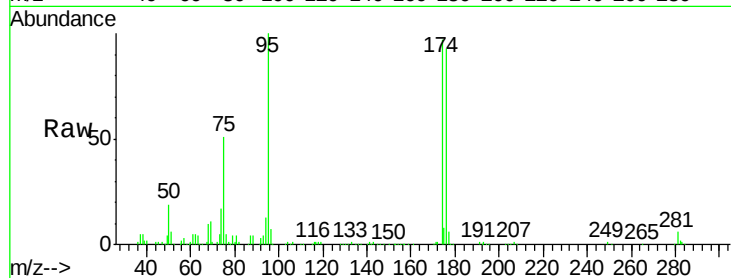
Tot Ion: 95 Resp: 226854

Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.8

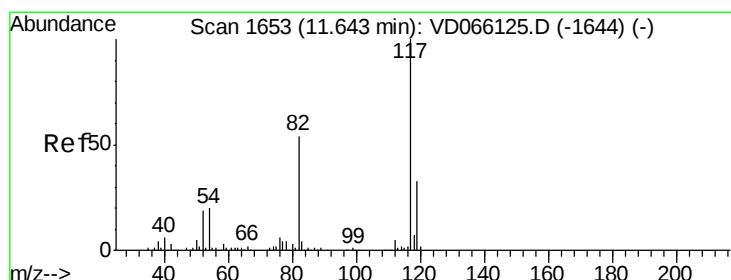
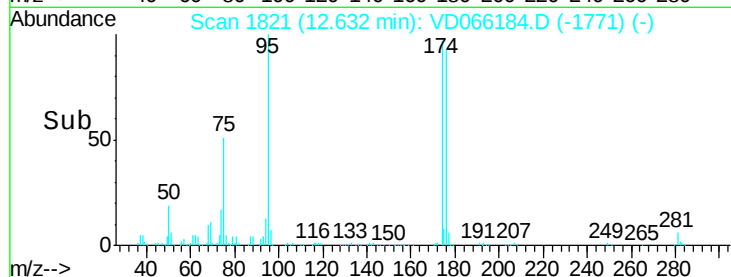
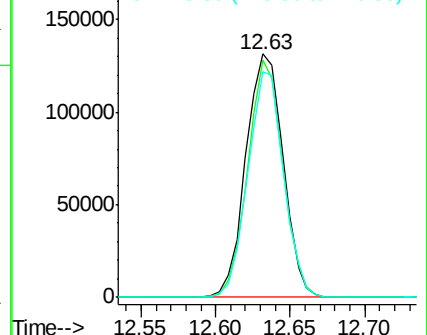
176 88.8 0.0 181.2



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: VD066184.D

Acq: 11 Aug 2020 14:08

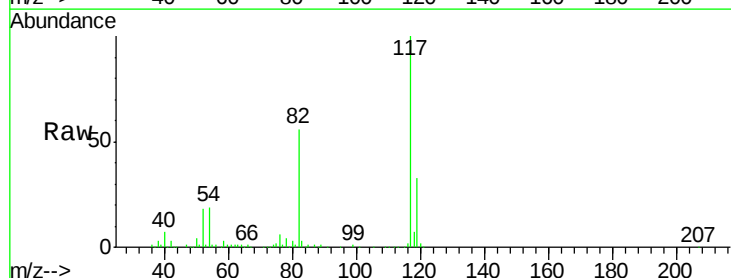
Tgt Ion: 117 Resp: 489760

Ion Ratio Lower Upper

117 100

82 55.8 43.0 64.4

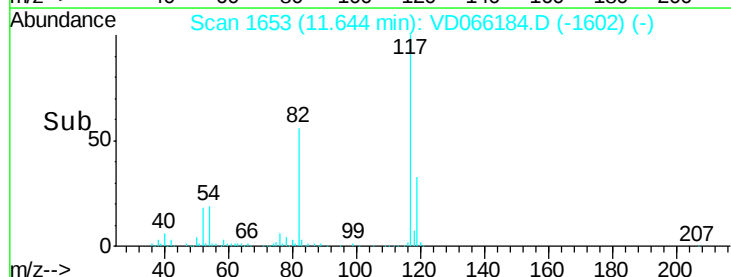
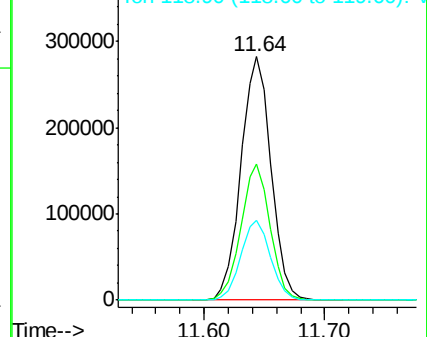
119 32.5 26.1 39.1

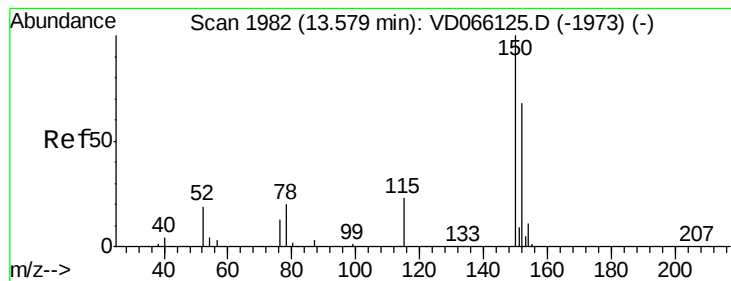


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066184.D

Acq: 11 Aug 2020 14:08

Instrument :

MSVOA_D

ClientSampleId :

MH-J09

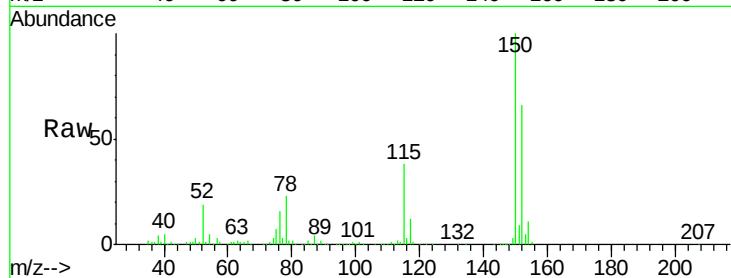
Tot Ion:152 Resp: 233663

Ion Ratio Lower Upper

152 100

115 56.6 28.0 83.9

150 154.0 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

