

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067090.D
 Acq On : 05 Oct 2020 18:14
 Operator : VA/SY
 Sample : L4242-09
 Misc : 7.3G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B17-100120-0-1

Quant Time: Oct 06 08:00:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

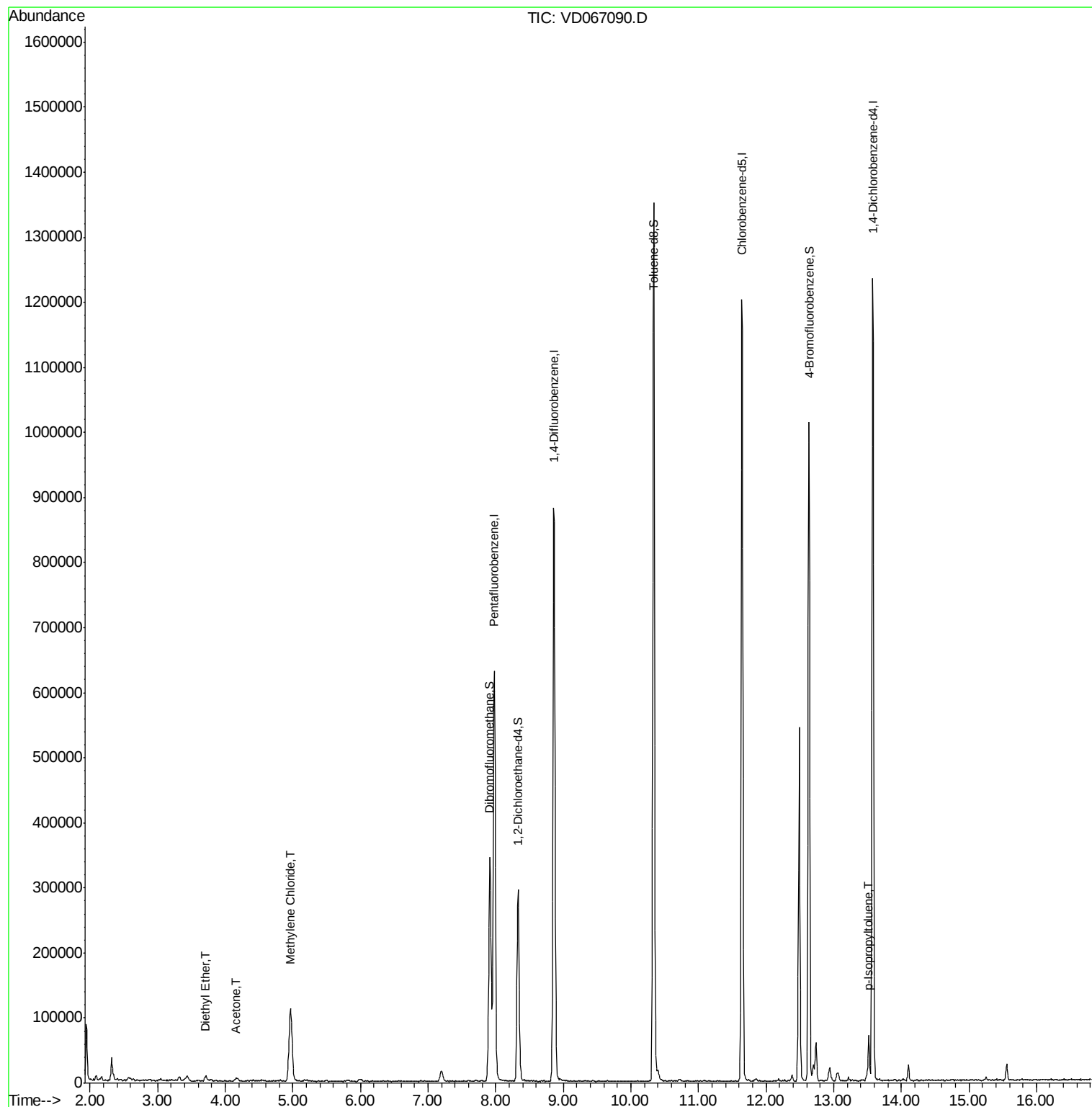
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	474501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	803020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	735030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	231819	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	7.92	113	257802	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.34	98	942230	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.64	95	336570	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
Target Compounds						
8) Diethyl Ether	3.71	74	4455	2.134	ug/l	94
16) Acetone	4.16	43	7475	10.714	ug/l	92
20) Methylene Chloride	4.96	84	93887	13.679	ug/l	98
86) p-Isopropyltoluene	13.52	119	38870	1.795	ug/l	92

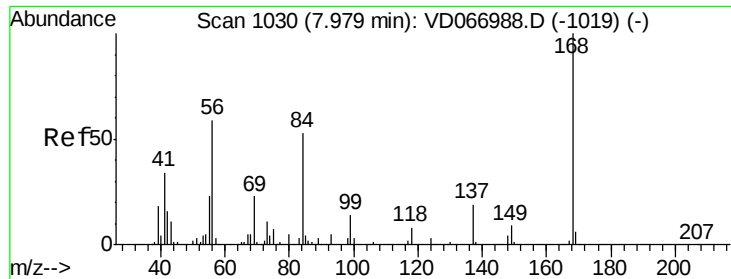
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\
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PAV-B17-100120-0-1

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067090.D

Acq: 05 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

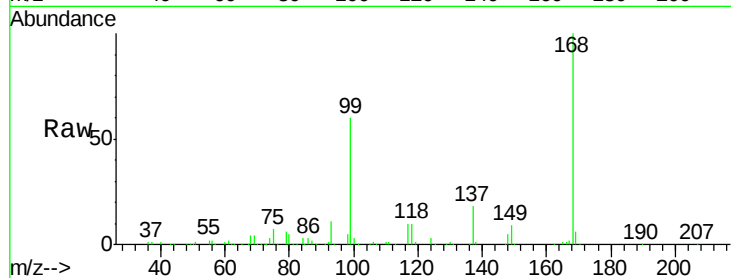
PAV-B17-100120-0-1

Tot Ion:168 Resp: 474501

Ion Ratio Lower Upper

168 100

99 59.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

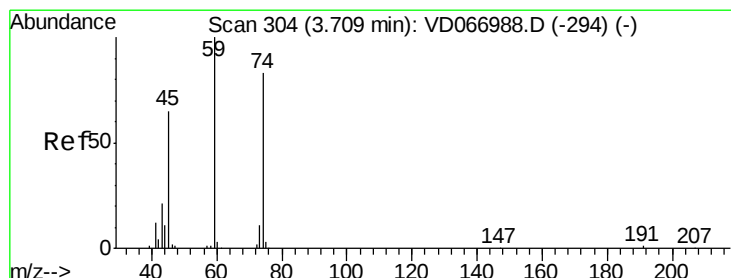
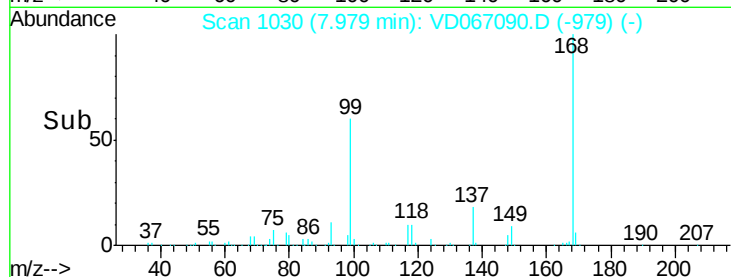
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 2.134 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD067090.D

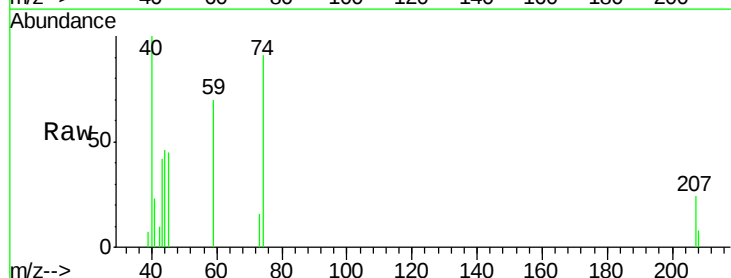
Acq: 05 Oct 2020 18:14

Tgt Ion: 74 Resp: 4455

Ion Ratio Lower Upper

74 100

45 80.9 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2000

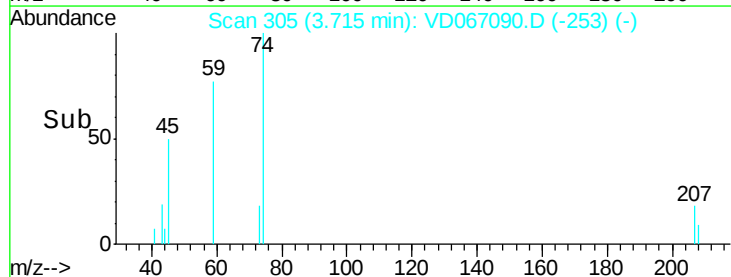
1500

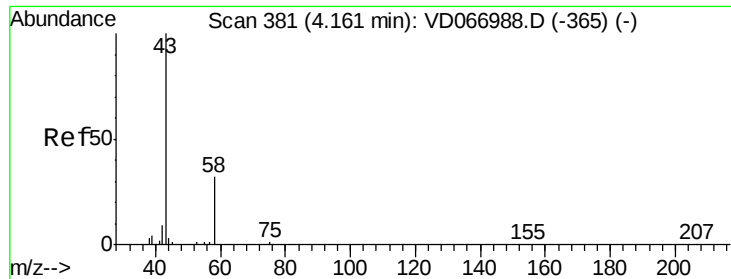
1000

500

0

Time--> 3.65 3.70 3.75





#16

Acetone

Concen: 10.714 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067090.D

Acq: 05 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

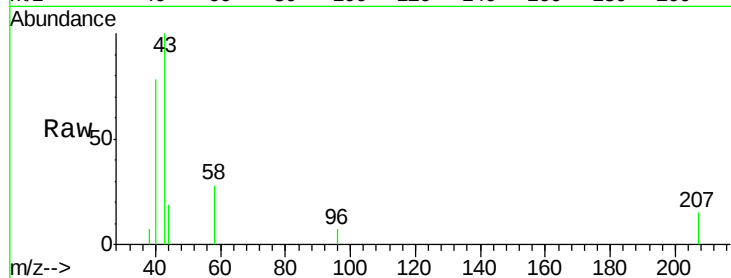
PAV-B17-100120-0-1

Tot Ion: 43 Resp: 7475

Ion Ratio Lower Upper

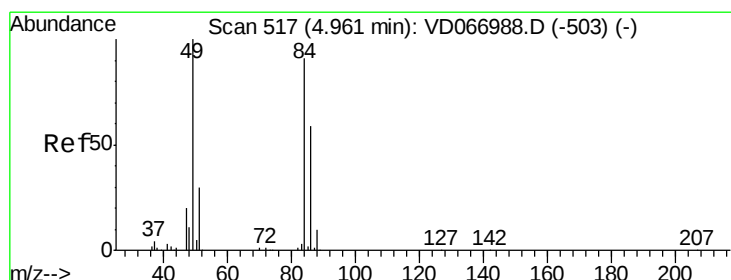
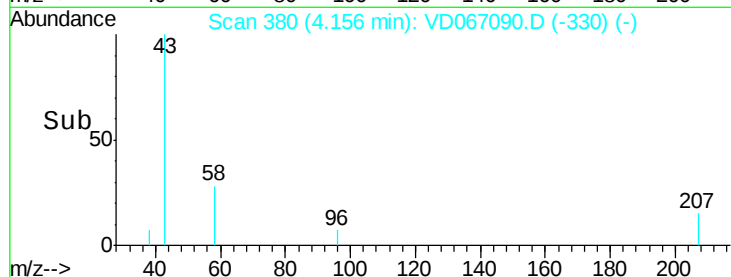
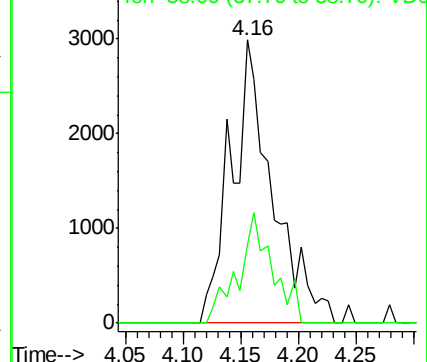
43 100

58 27.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: 13.679 ug/l

RT: 4.96 min Scan# 517

Delta R.T. 0.00 min

Lab File: VD067090.D

Acq: 05 Oct 2020 18:14

Tgt Ion: 84 Resp: 93887

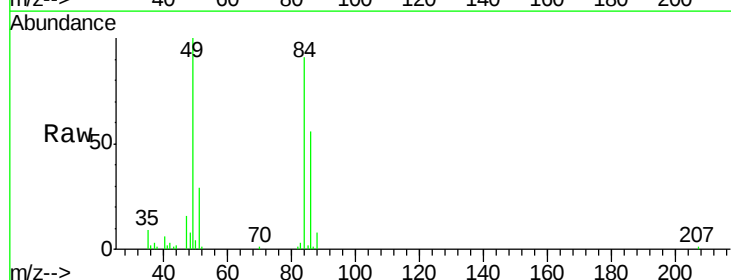
Ion Ratio Lower Upper

84 100

49 109.8 88.2 132.2

51 32.1 26.6 39.8

86 61.1 52.1 78.1

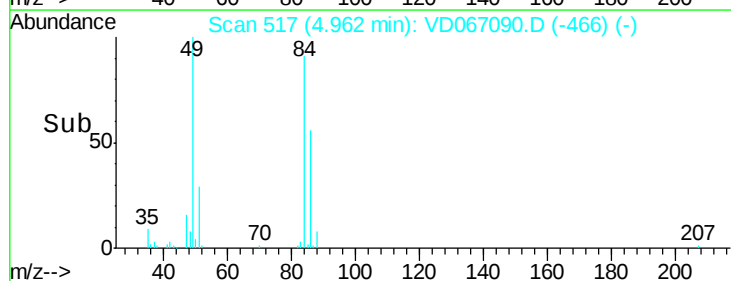
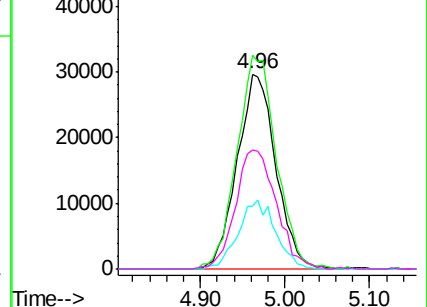


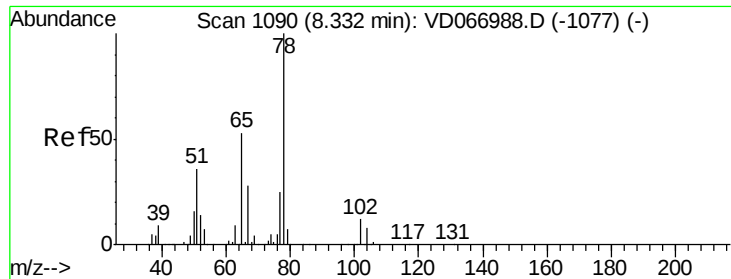
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

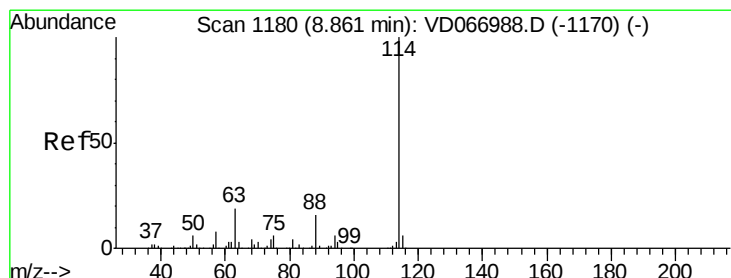
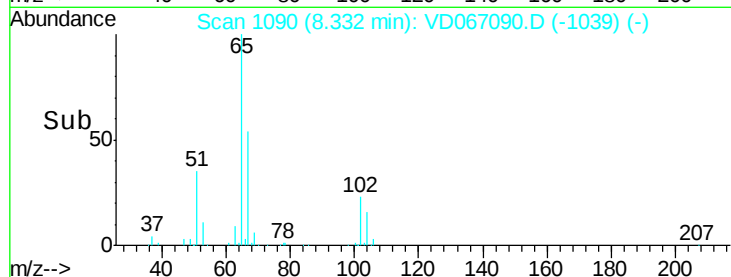
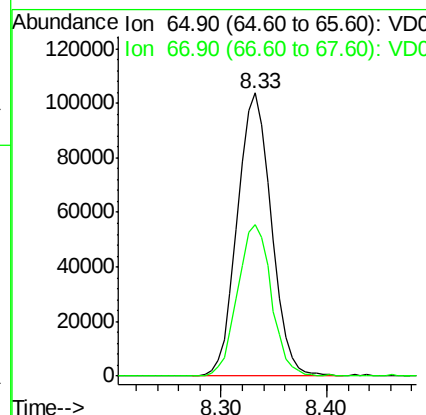
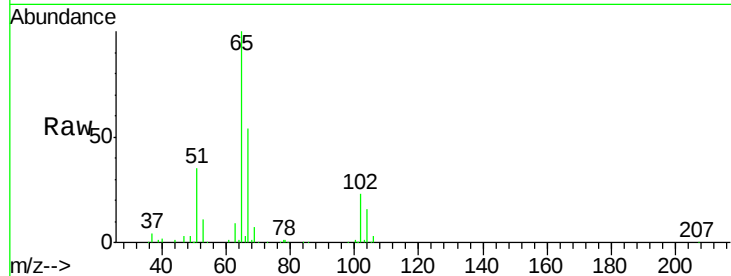




#33
 1,2-Dichloroethane-d4
 Concen: 50.722 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067090.D
 Acq: 05 Oct 2020 18:14

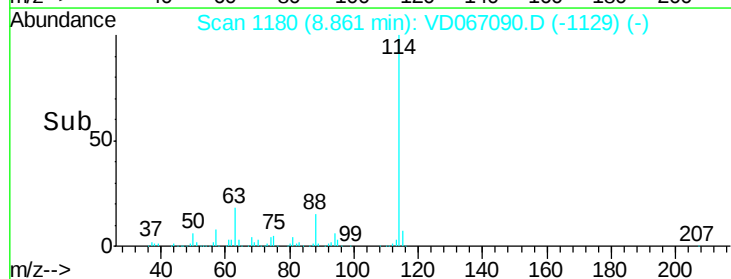
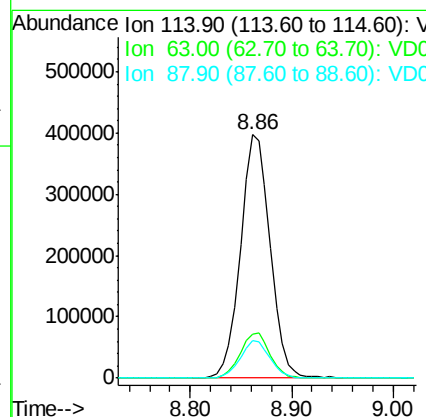
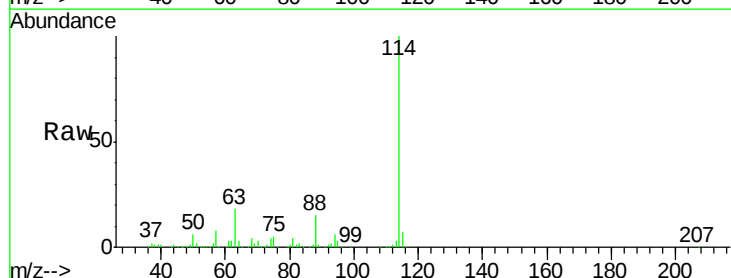
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B17-100120-0-1

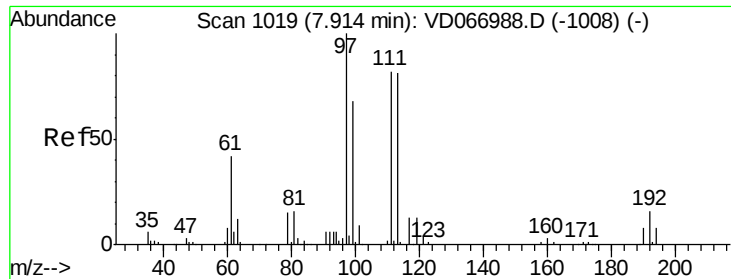
Tot Ion: 65 Resp: 231819
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067090.D
 Acq: 05 Oct 2020 18:14

Tgt Ion: 114 Resp: 803020
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 15.4 0.0 31.2

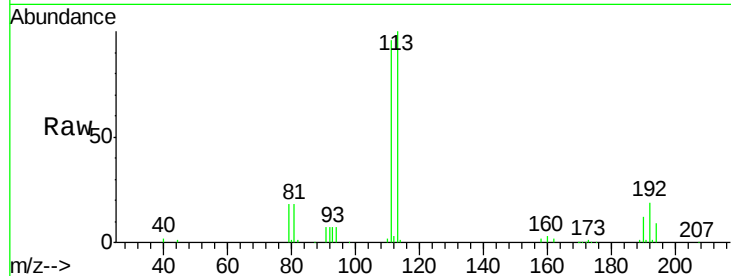




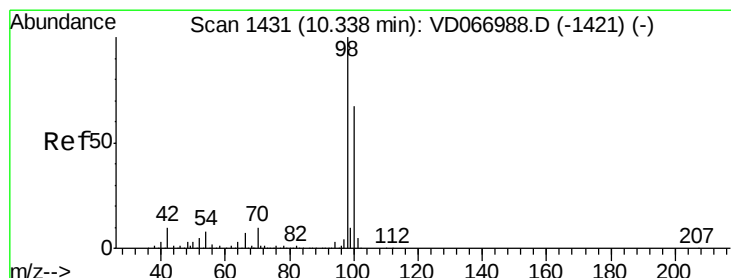
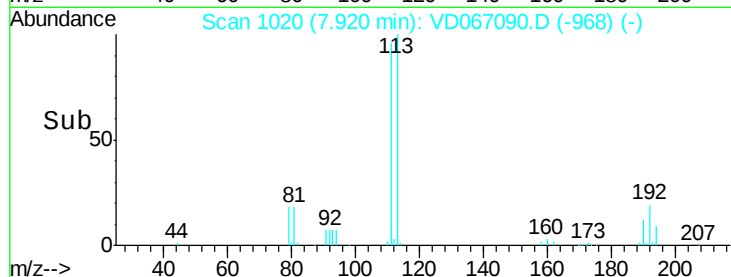
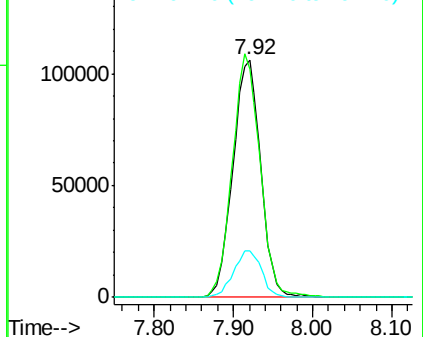
#35
Dibromofluoromethane
Concen: 49.038 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067090.D
Acq: 05 Oct 2020 18:14

Instrument :
MSVOA_D
ClientSampleId :
PAV-B17-100120-0-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	19.7	15.5	23.3

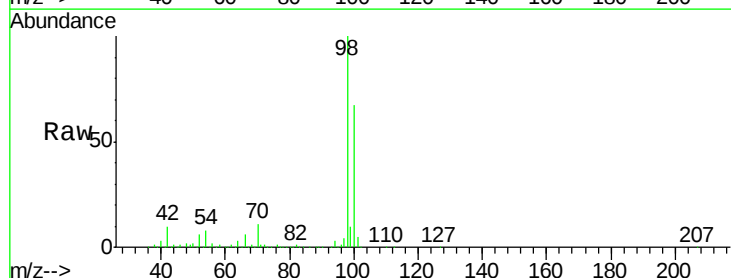


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

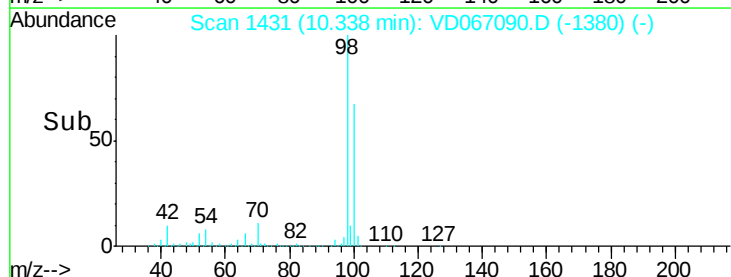
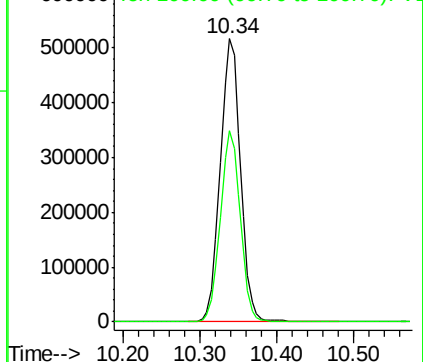


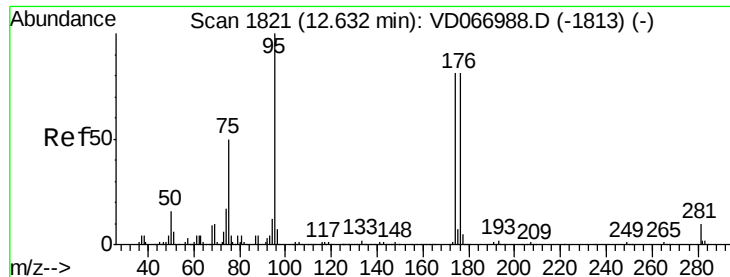
#50
Toluene-d8
Concen: 49.185 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067090.D
Acq: 05 Oct 2020 18:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.8	79.2



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





#62

4-Bromofluorobenzene

Concen: 51.754 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067090.D

Acq: 05 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

PAV-B17-100120-0-1

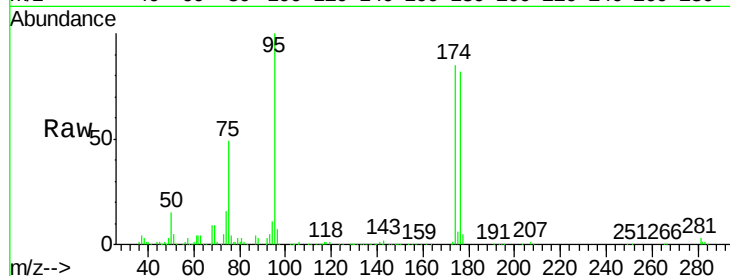
Tot Ion: 95 Resp: 336570

Ion Ratio Lower Upper

95 100

174 84.1 0.0 167.6

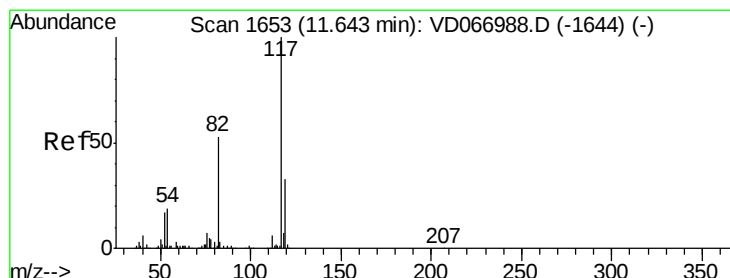
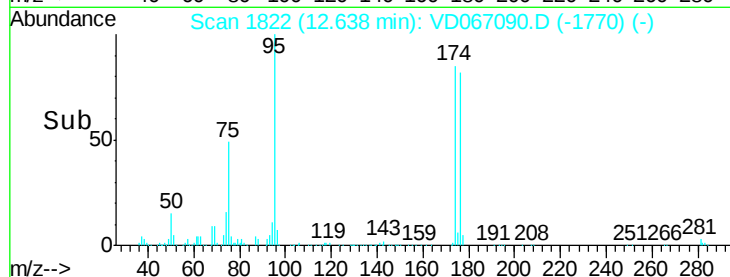
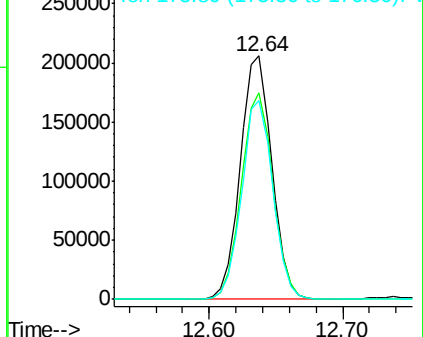
176 80.3 0.0 162.4



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: VD067090.D

Acq: 05 Oct 2020 18:14

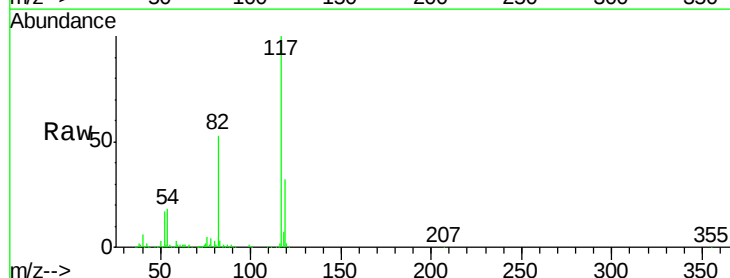
Tgt Ion: 117 Resp: 735030

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

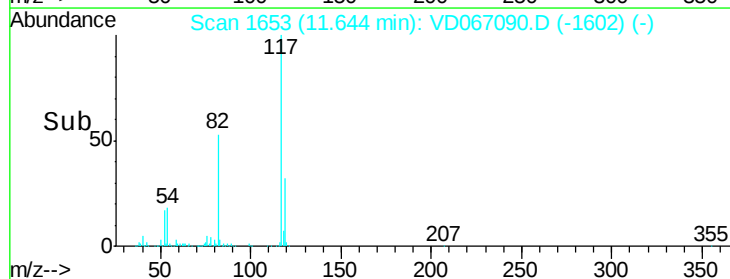
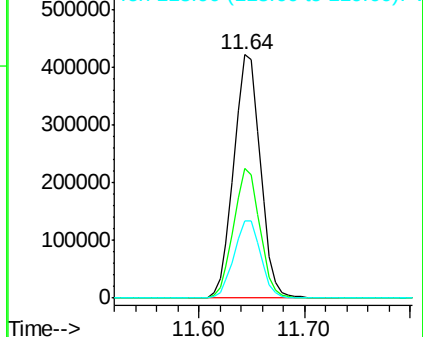
119 31.8 26.3 39.5

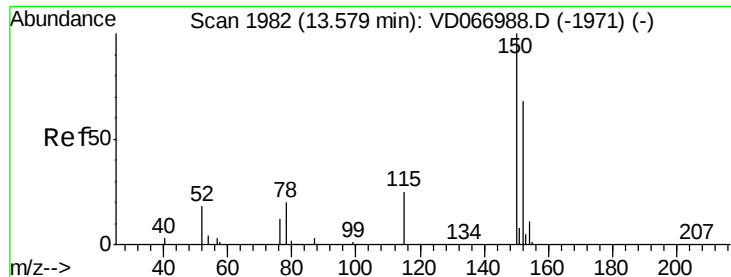


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067090.D

Acq: 05 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

PAV-B17-100120-0-1

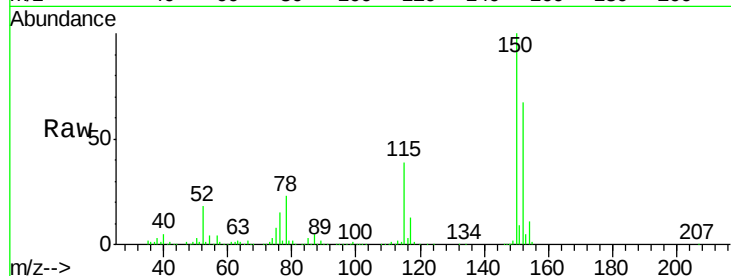
Tot Ion:152 Resp: 343295

Ion Ratio Lower Upper

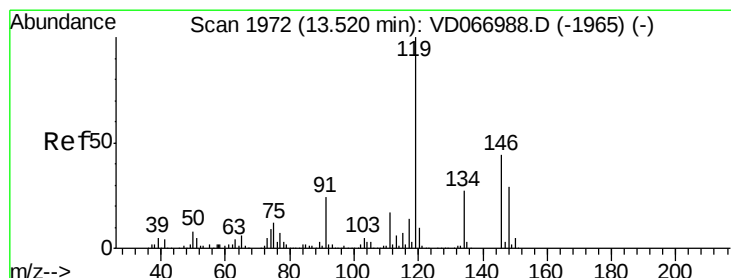
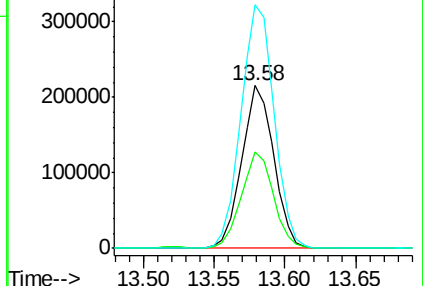
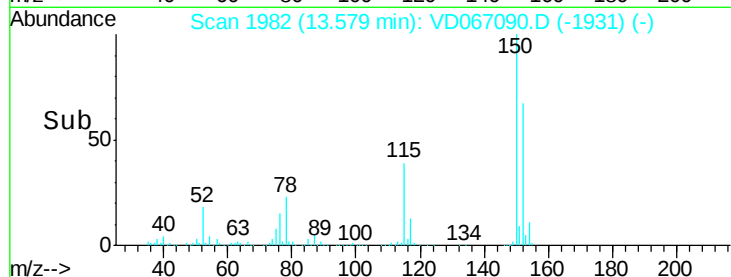
152 100

115 58.8 29.6 88.8

150 154.5 0.0 344.8



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



#86

p-Isopropyltoluene

Concen: 1.795 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067090.D

Acq: 05 Oct 2020 18:14

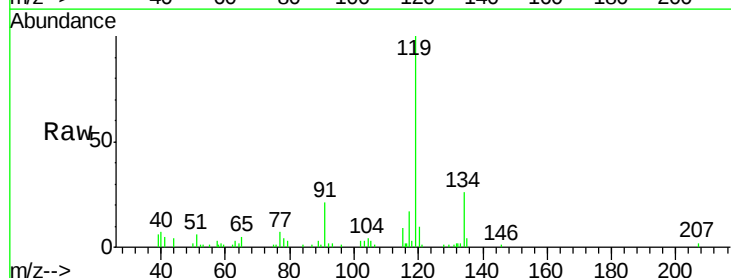
Tgt Ion:119 Resp: 38870

Ion Ratio Lower Upper

119 100

134 22.0 13.1 39.1

91 27.0 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

