

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066621.D
 Acq On : 10 Sep 2020 17:33
 Operator : VA/SY
 Sample : L3808-06
 Misc : 7.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B44-090320-19-20

Quant Time: Sep 11 02:53:20 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

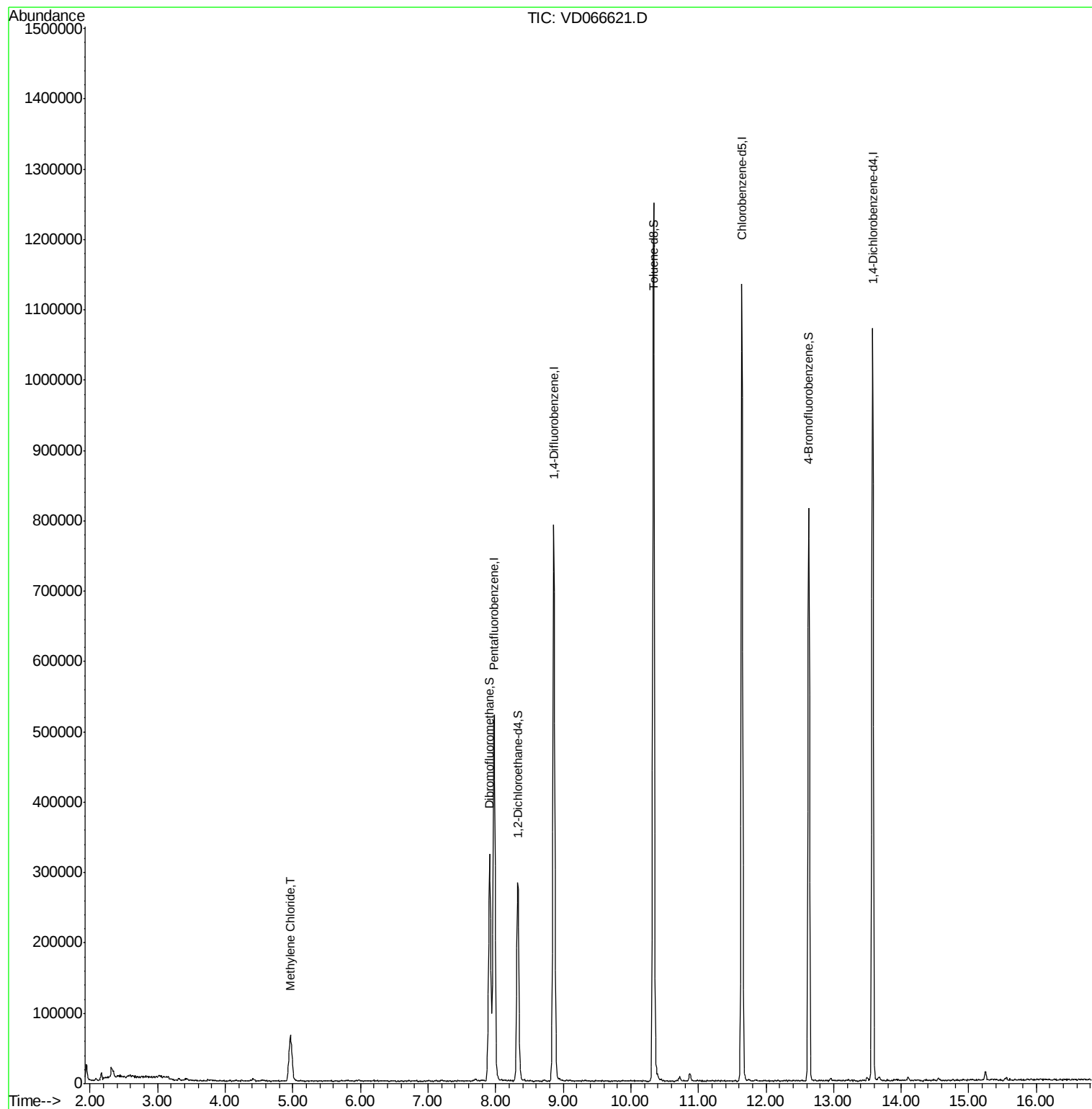
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	347467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	647186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	608861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	257777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	234006	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.91	113	225484	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.34	98	802347	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.63	95	257234	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
20) Methylene Chloride	4.97	84	48816	5.718	ug/l	Qvalue 95

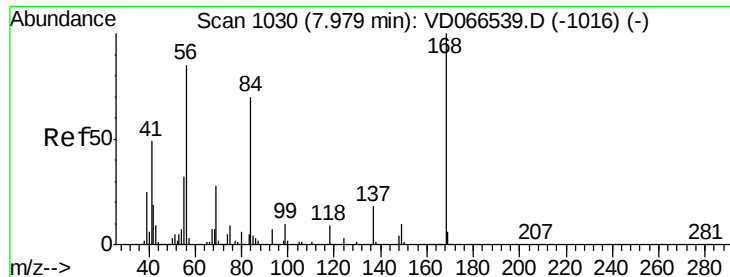
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066621.D

Acq: 10 Sep 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

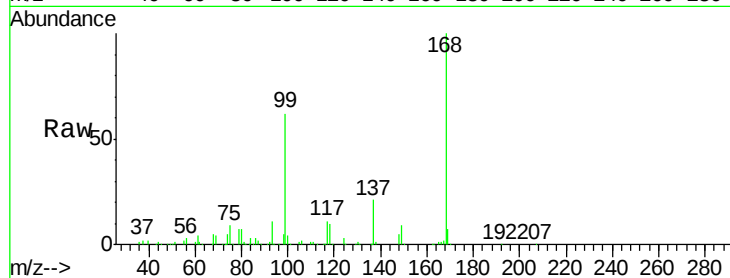
PAV-B44-090320-19-20

Tot Ion:168 Resp: 347467

Ion Ratio Lower Upper

168 100

99 62.0 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

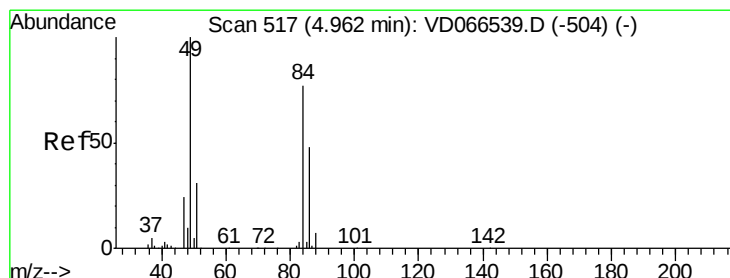
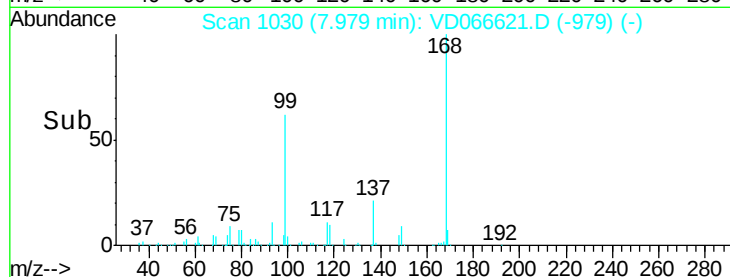
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.718 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066621.D

Acq: 10 Sep 2020 17:33

Tgt Ion: 84 Resp: 48816

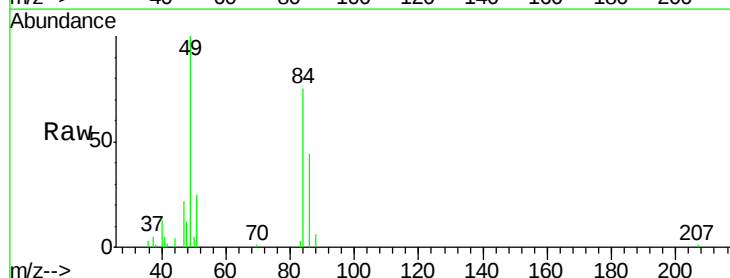
Ion Ratio Lower Upper

84 100

49 132.8 104.3 156.5

51 32.9 32.2 48.4

86 58.6 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

4.97

30000

25000

20000

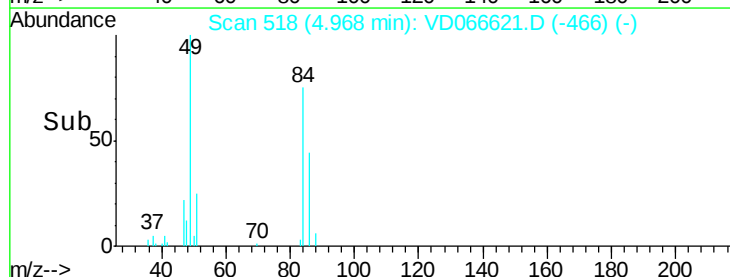
15000

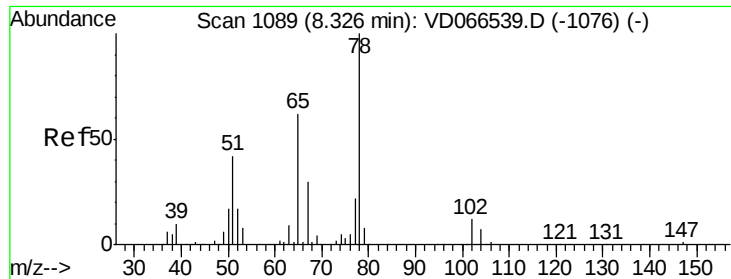
10000

5000

0

Time-->

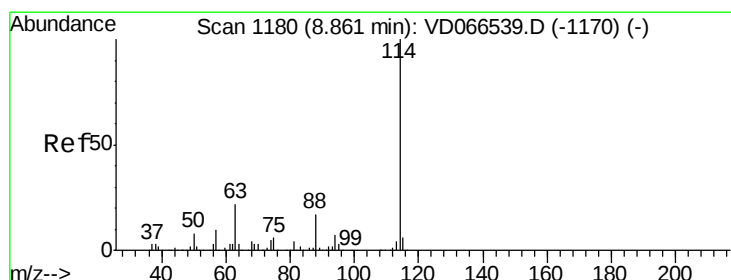
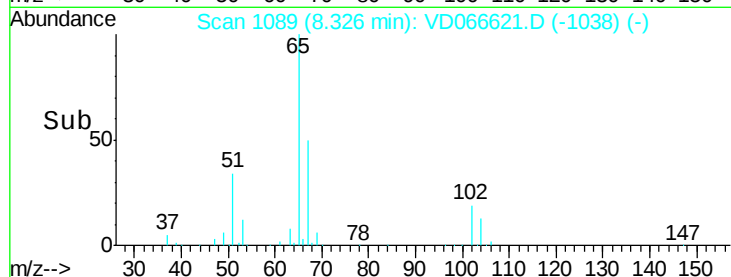
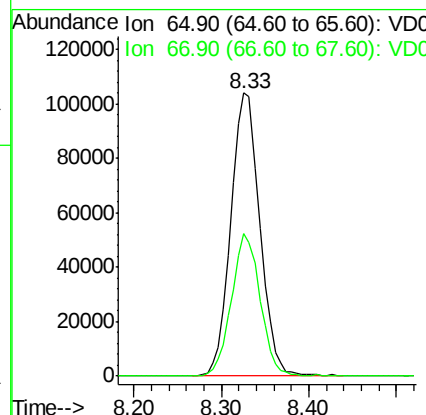
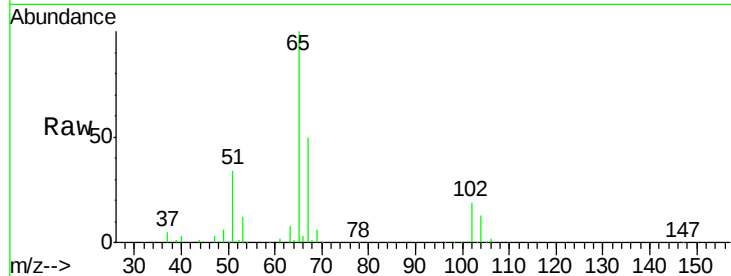




#33
 1,2-Dichloroethane-d4
 Concen: 55.662 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066621.D
 Acq: 10 Sep 2020 17:33

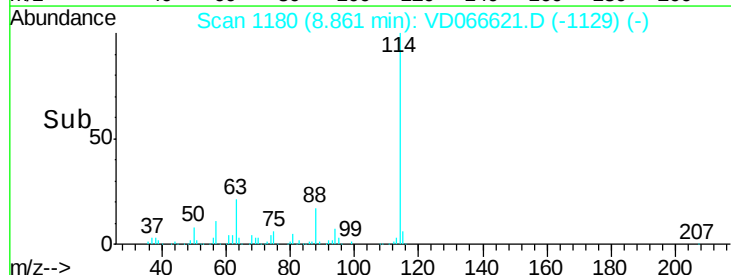
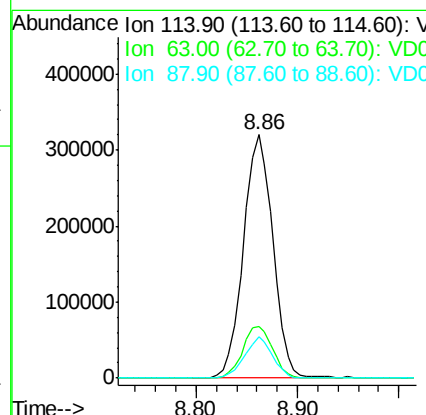
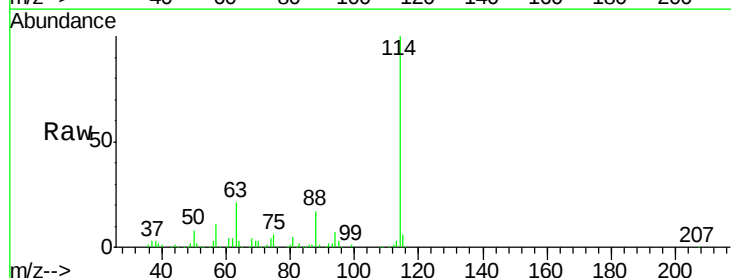
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B44-090320-19-20

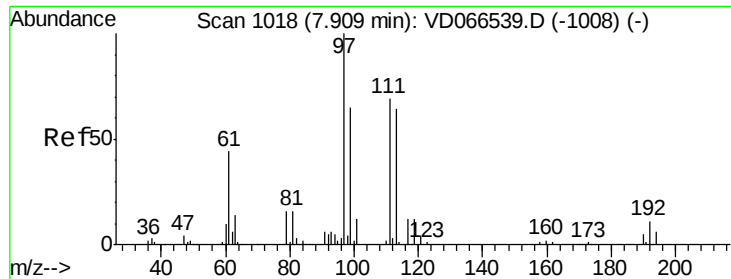
Tot Ion: 65 Resp: 234006
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066621.D
 Acq: 10 Sep 2020 17:33

Tgt Ion: 114 Resp: 647186
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.8 0.0 33.2

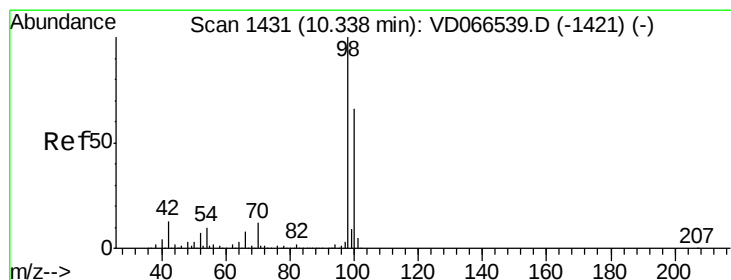
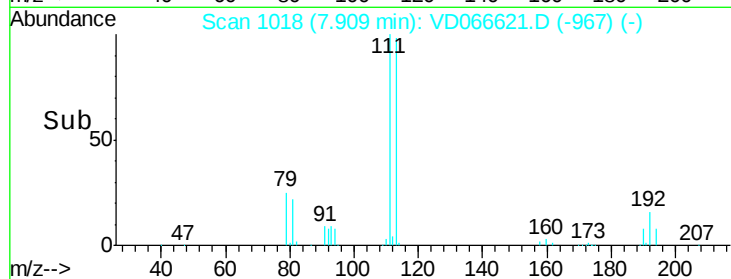
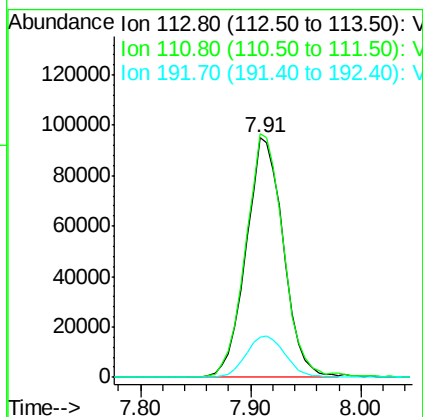
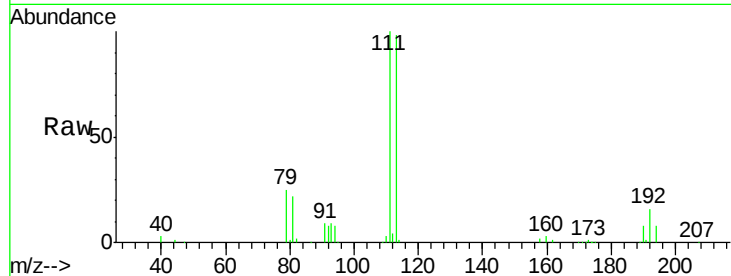




#35
 Dibromofluoromethane
 Concen: 51.646 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066621.D
 Acq: 10 Sep 2020 17:33

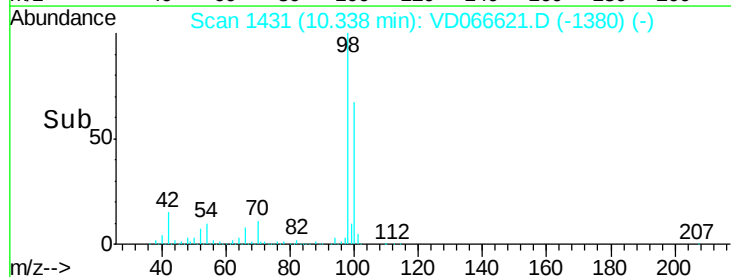
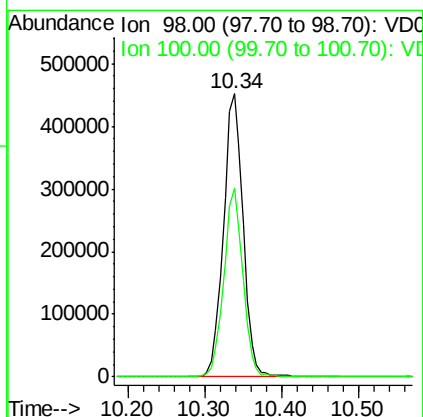
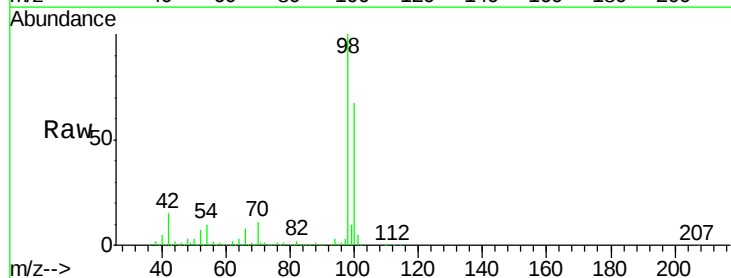
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B44-090320-19-20

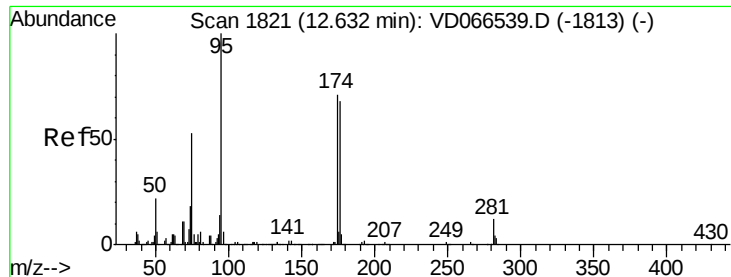
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.2	124.8
192	18.0	13.7	20.5



#50
 Toluene-d8
 Concen: 51.417 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066621.D
 Acq: 10 Sep 2020 17:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 49.714 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066621.D

Acq: 10 Sep 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

PAV-B44-090320-19-20

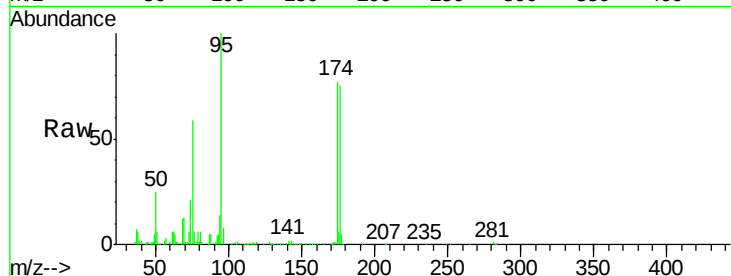
Tot Ion: 95 Resp: 257234

Ion Ratio Lower Upper

95 100

174 74.9 0.0 155.8

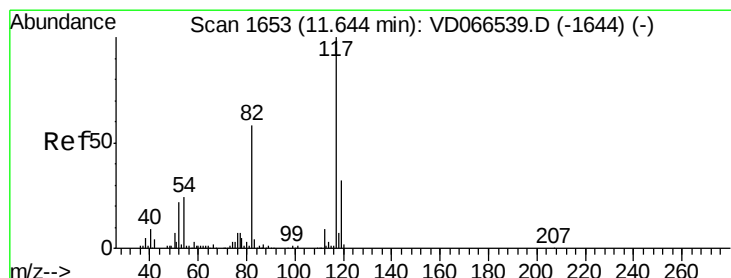
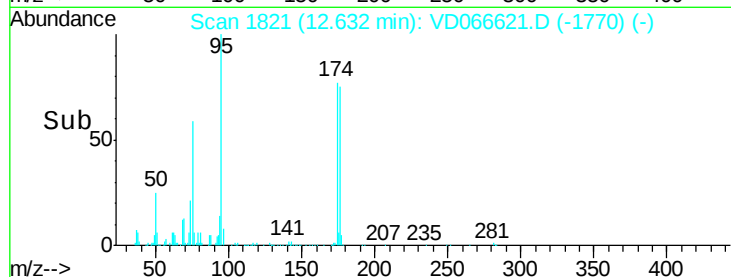
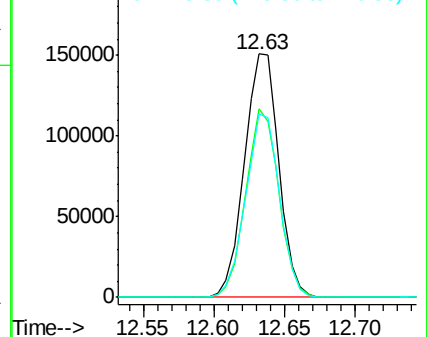
176 74.5 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VD066621.D (-1770) (-)

Ion 173.80 (173.50 to 174.50): VD066621.D (-1770) (-)

Ion 175.80 (175.50 to 176.50): VD066621.D (-1770) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066621.D

Acq: 10 Sep 2020 17:33

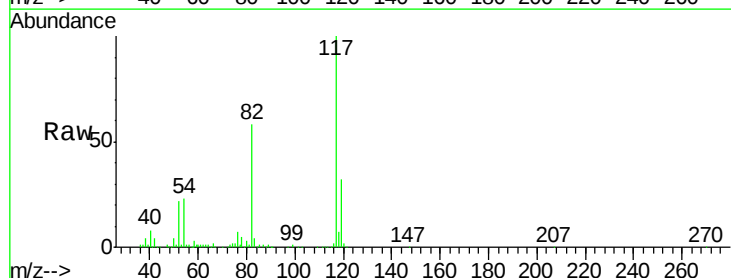
Tgt Ion: 117 Resp: 608861

Ion Ratio Lower Upper

117 100

82 57.5 46.2 69.2

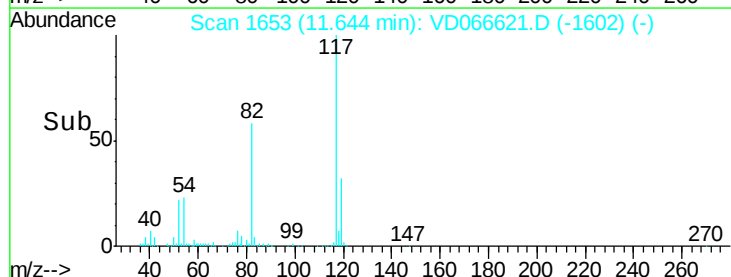
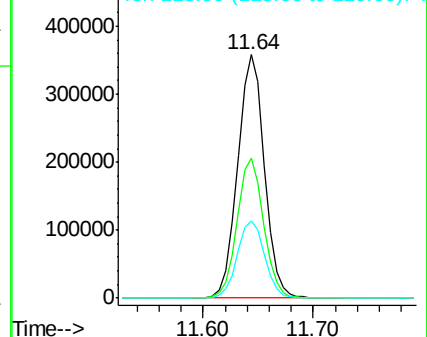
119 31.6 25.8 38.8

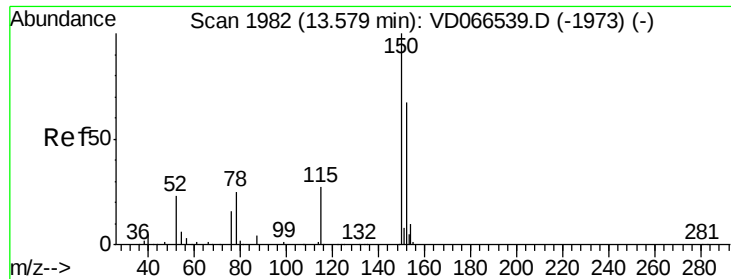


Abundance Ion 116.90 (116.60 to 117.60): VD066621.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066621.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066621.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: VD066621.D

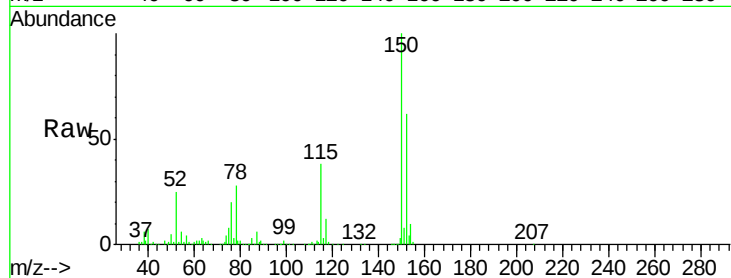
Acq: 10 Sep 2020 17:33

Instrument :

MSVOA_D

ClientSampleId :

PAV-B44-090320-19-20



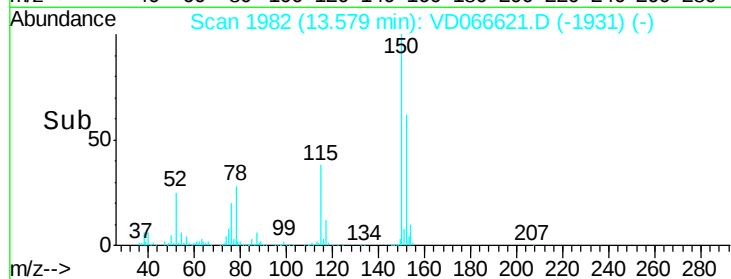
Tot Ion:152 Resp: 257777

Ion Ratio Lower Upper

152 100

115 63.5 30.4 91.2

150 160.1 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

