

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067111.D
 Acq On : 06 Oct 2020 16:45
 Operator : VA/SY
 Sample : L4272-36
 Misc : 7.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-5-(6.5)

Quant Time: Oct 07 01:46:45 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

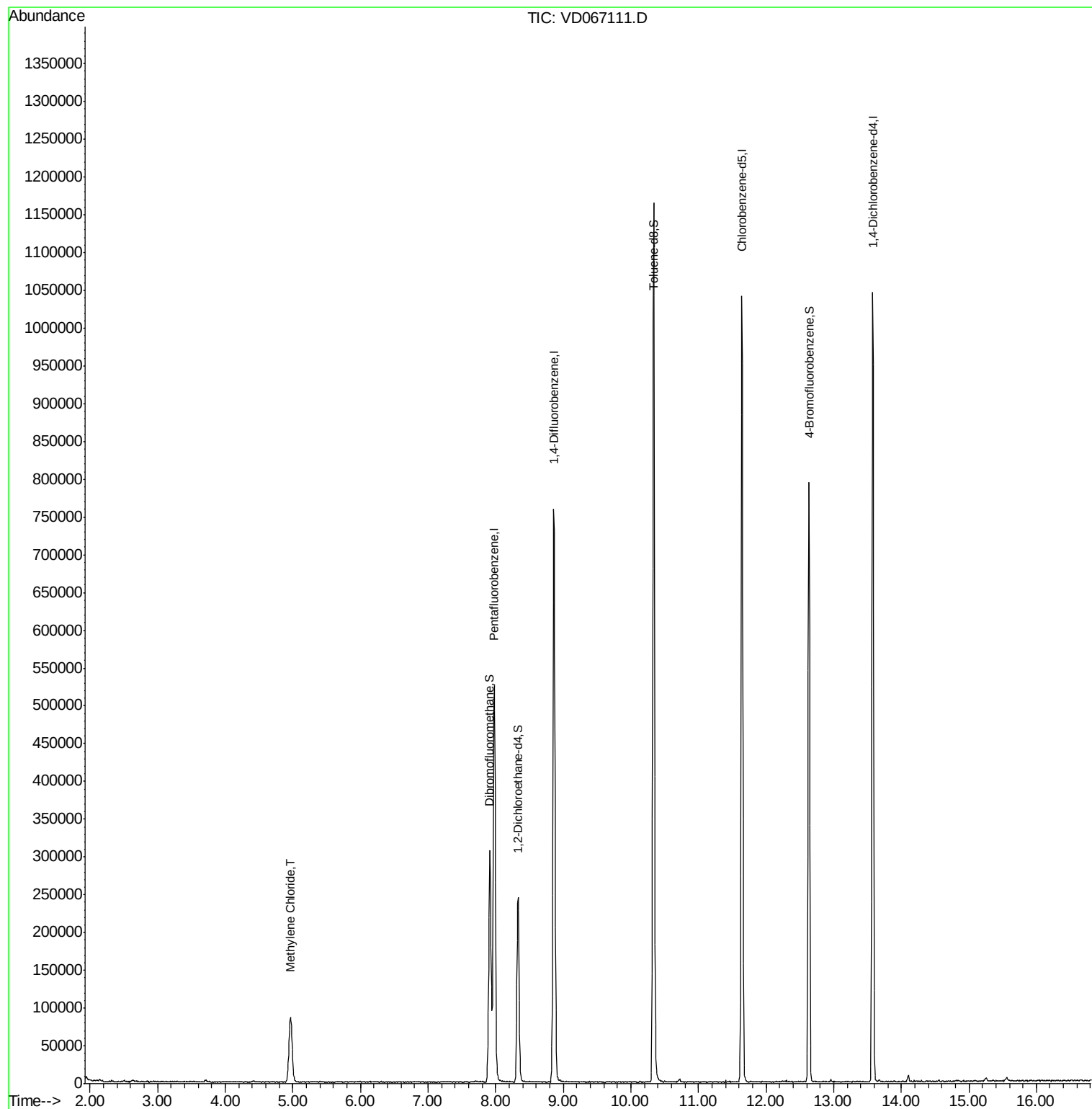
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	677919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	633694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	198018	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.91	113	222079	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	10.34	98	794062	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.64	95	260584	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
Target Compounds						
20) Methylene Chloride	4.97	84	76265	12.958	ug/l	Qvalue 93

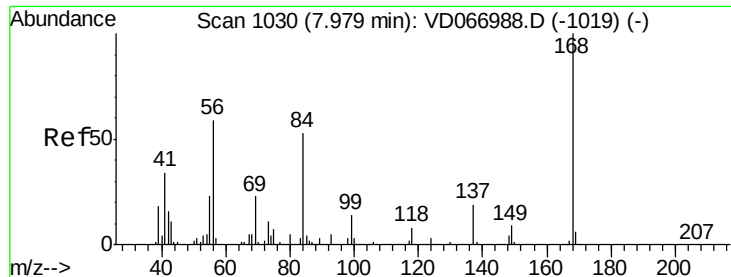
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067111.D

Acq: 06 Oct 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

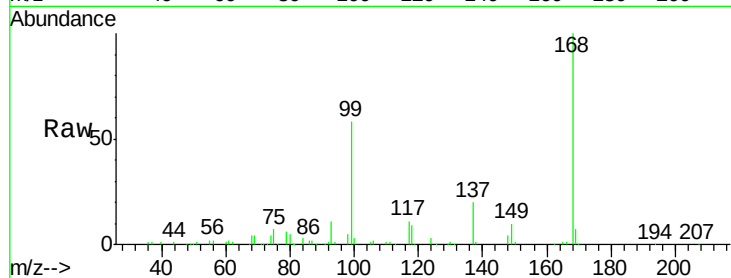
SC-5-(6.5)

Tot Ion:168 Resp: 398385

Ion Ratio Lower Upper

168 100

99 57.9 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

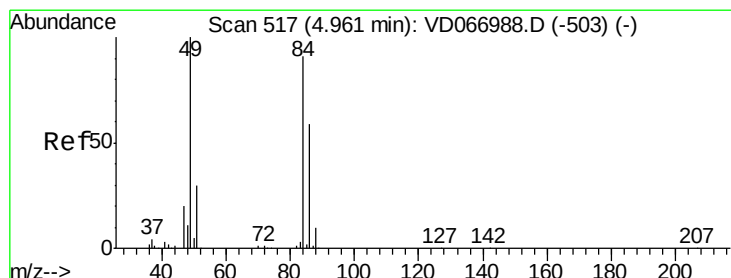
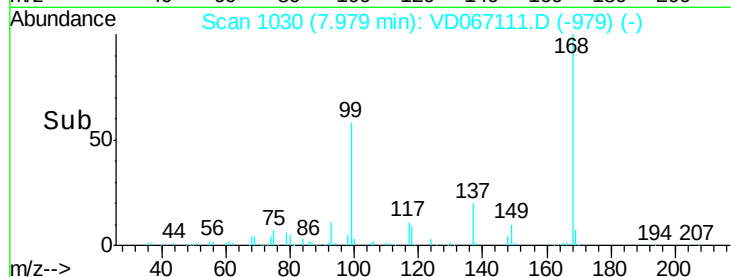
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 12.958 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD067111.D

Acq: 06 Oct 2020 16:45

Tgt Ion: 84 Resp: 76265

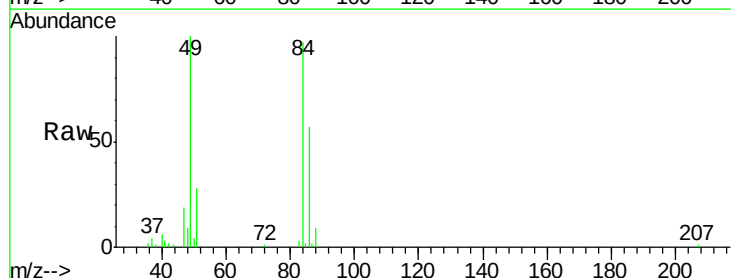
Ion Ratio Lower Upper

84 100

49 103.6 88.2 132.2

51 29.4 26.6 39.8

86 58.7 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

4.97

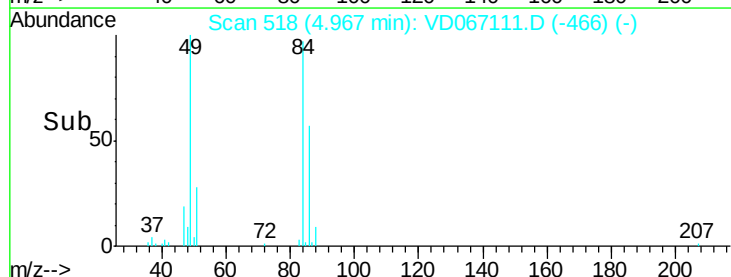
30000

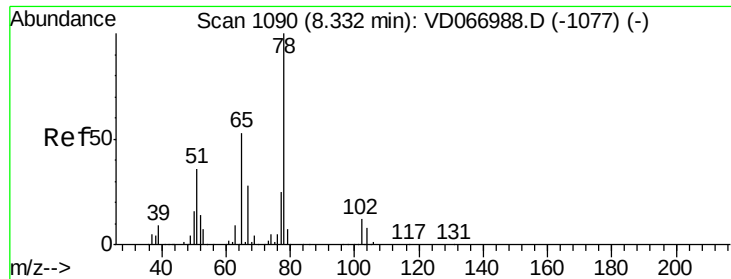
20000

10000

0

Time-->

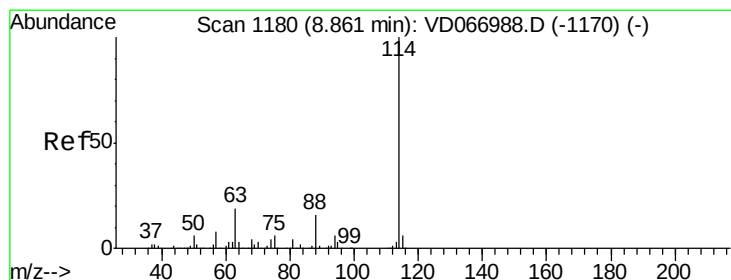
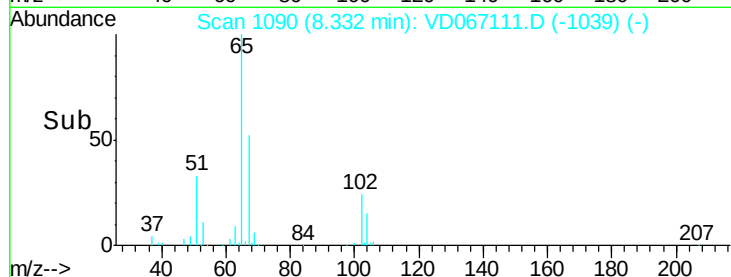
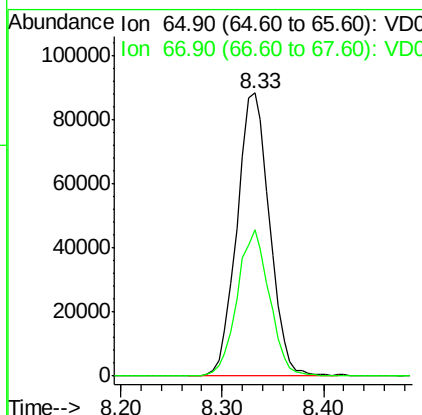
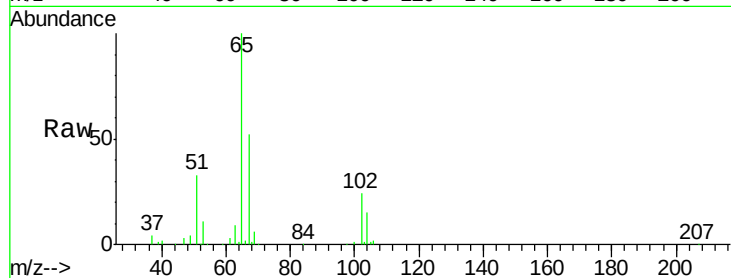




#33
 1,2-Dichloroethane-d4
 Concen: 51.604 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067111.D
 Acq: 06 Oct 2020 16:45

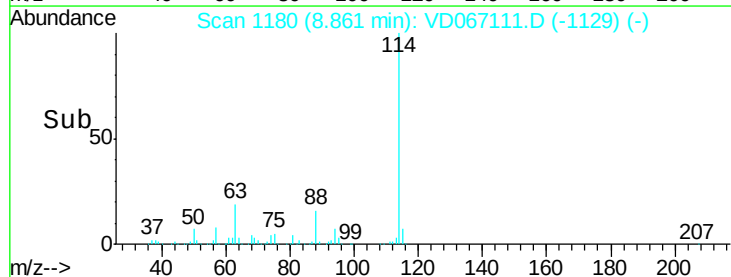
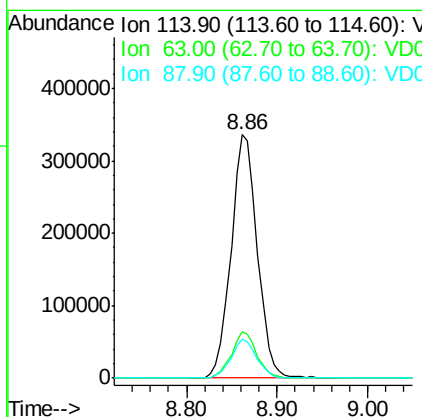
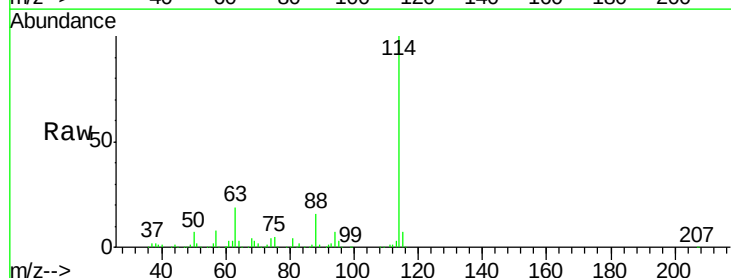
Instrument :
 MSVOA_D
 ClientSampleId :
 SC-5-(6.5)

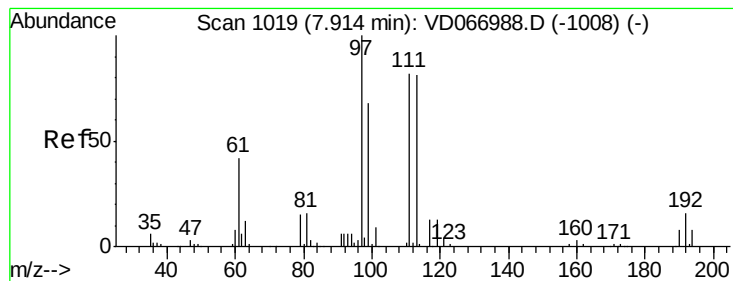
Tot Ion: 65 Resp: 198018
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067111.D
 Acq: 06 Oct 2020 16:45

Tgt Ion: 114 Resp: 677919
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.038 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067111.D

Acq: 06 Oct 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

SC-5-(6.5)

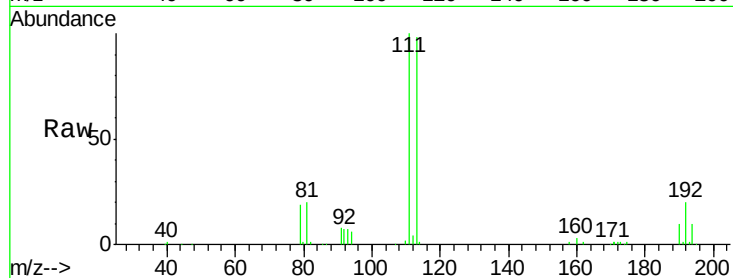
Tot Ion:113 Resp: 222079

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.4

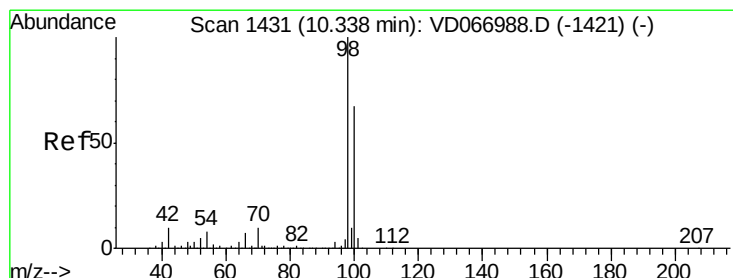
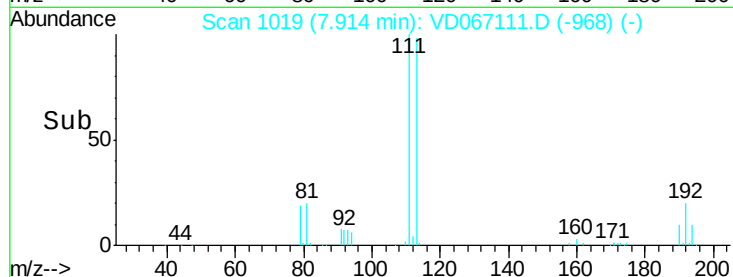
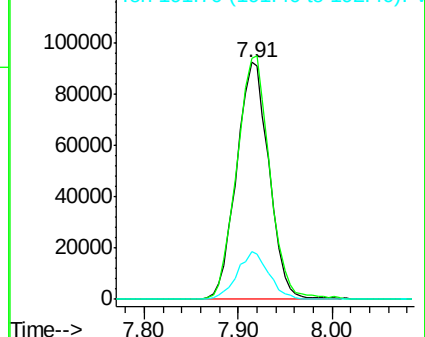
192 19.6 15.5 23.3



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: 49.100 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067111.D

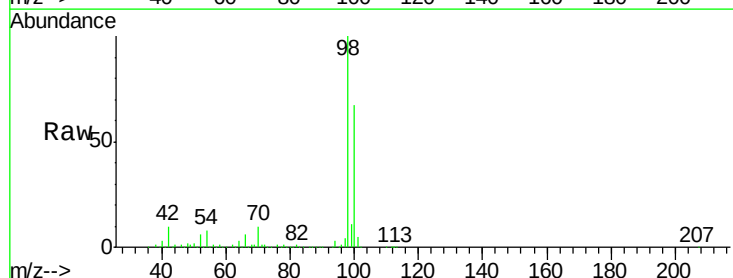
Acq: 06 Oct 2020 16:45

Tgt Ion: 98 Resp: 794062

Ion Ratio Lower Upper

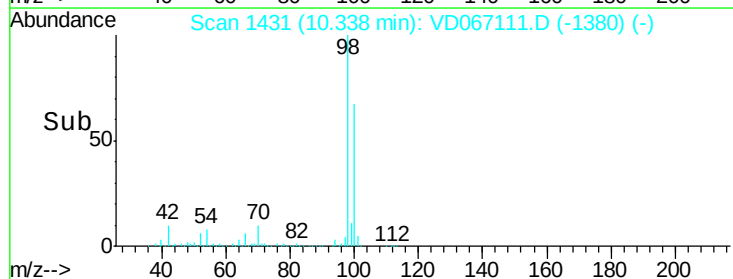
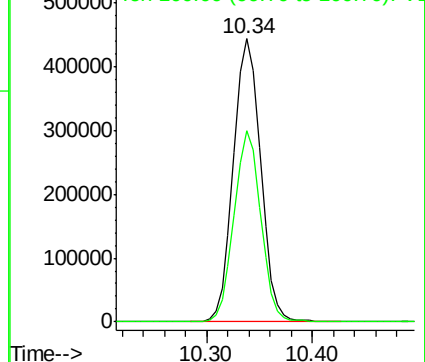
98 100

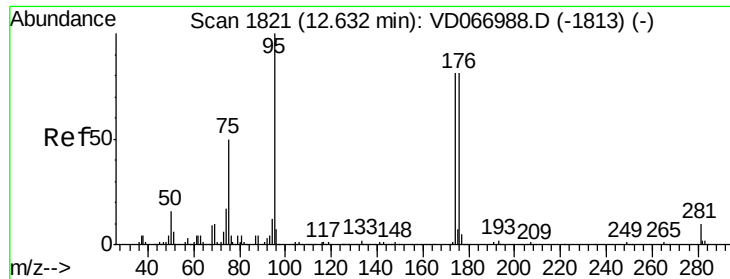
100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

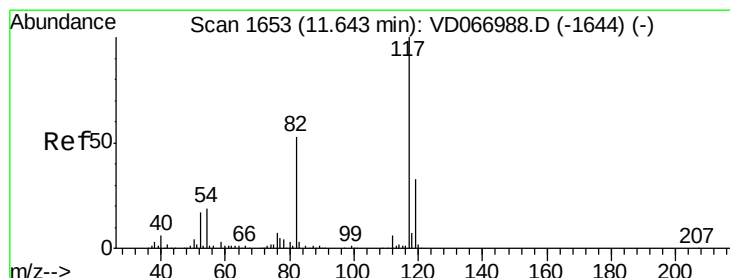
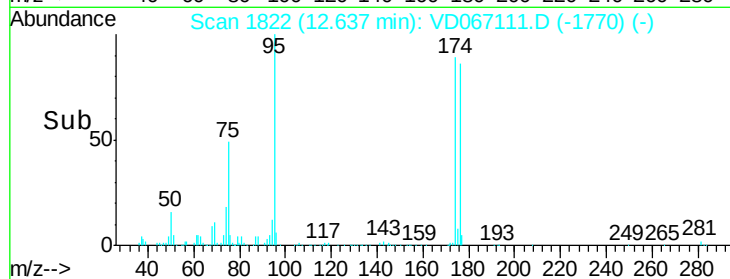
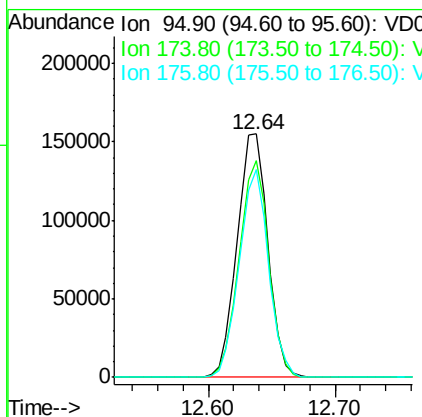
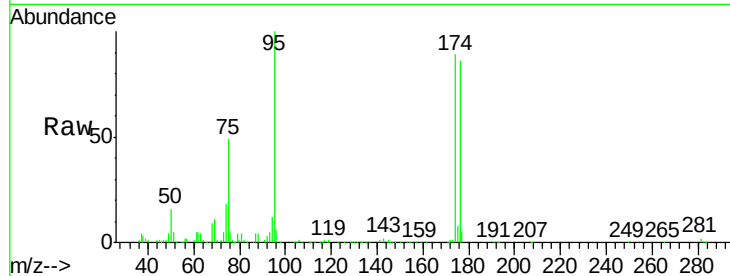




#62
4-Bromofluorobenzene
Concen: 47.464 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067111.D
Acq: 06 Oct 2020 16:45

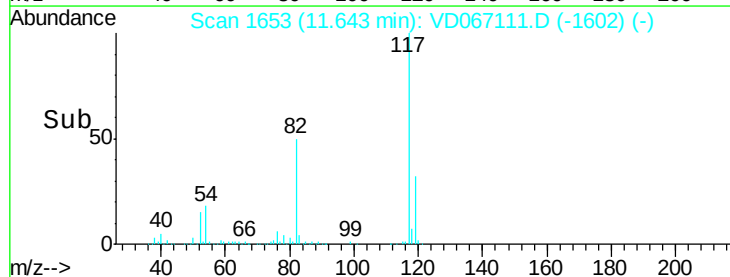
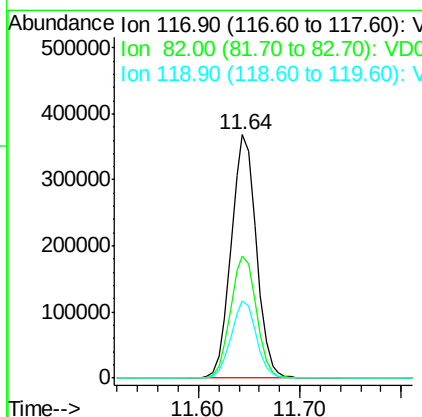
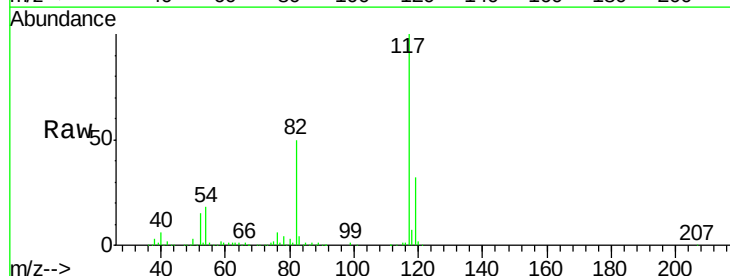
Instrument :
MSVOA_D
ClientSampleId :
SC-5-(6.5)

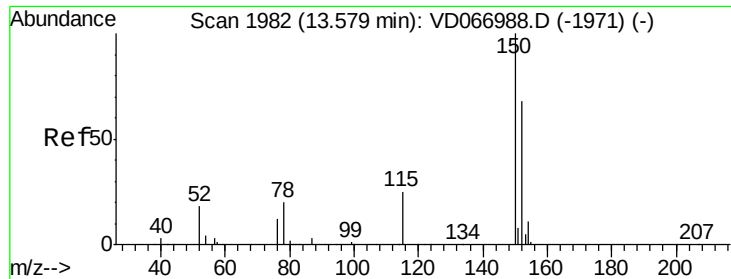
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	167.6
176	81.5	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067111.D
Acq: 06 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.3	42.6	63.8
119	31.7	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067111.D

Acq: 06 Oct 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

SC-5-(6.5)

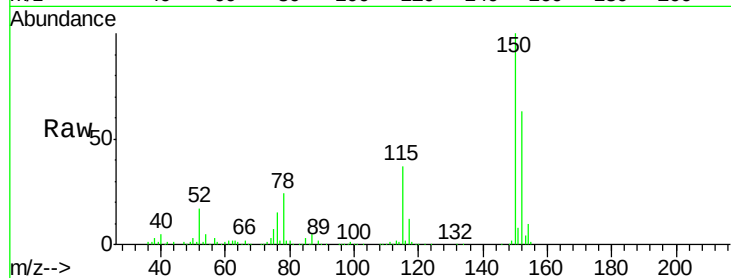
Tot Ion:152 Resp: 291074

Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.8

150 155.8 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

