

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066874.D
 Acq On : 25 Sep 2020 15:16
 Operator : VA/SY
 Sample : L4132-01
 Misc : 6.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-25603

Quant Time: Sep 26 04:26:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

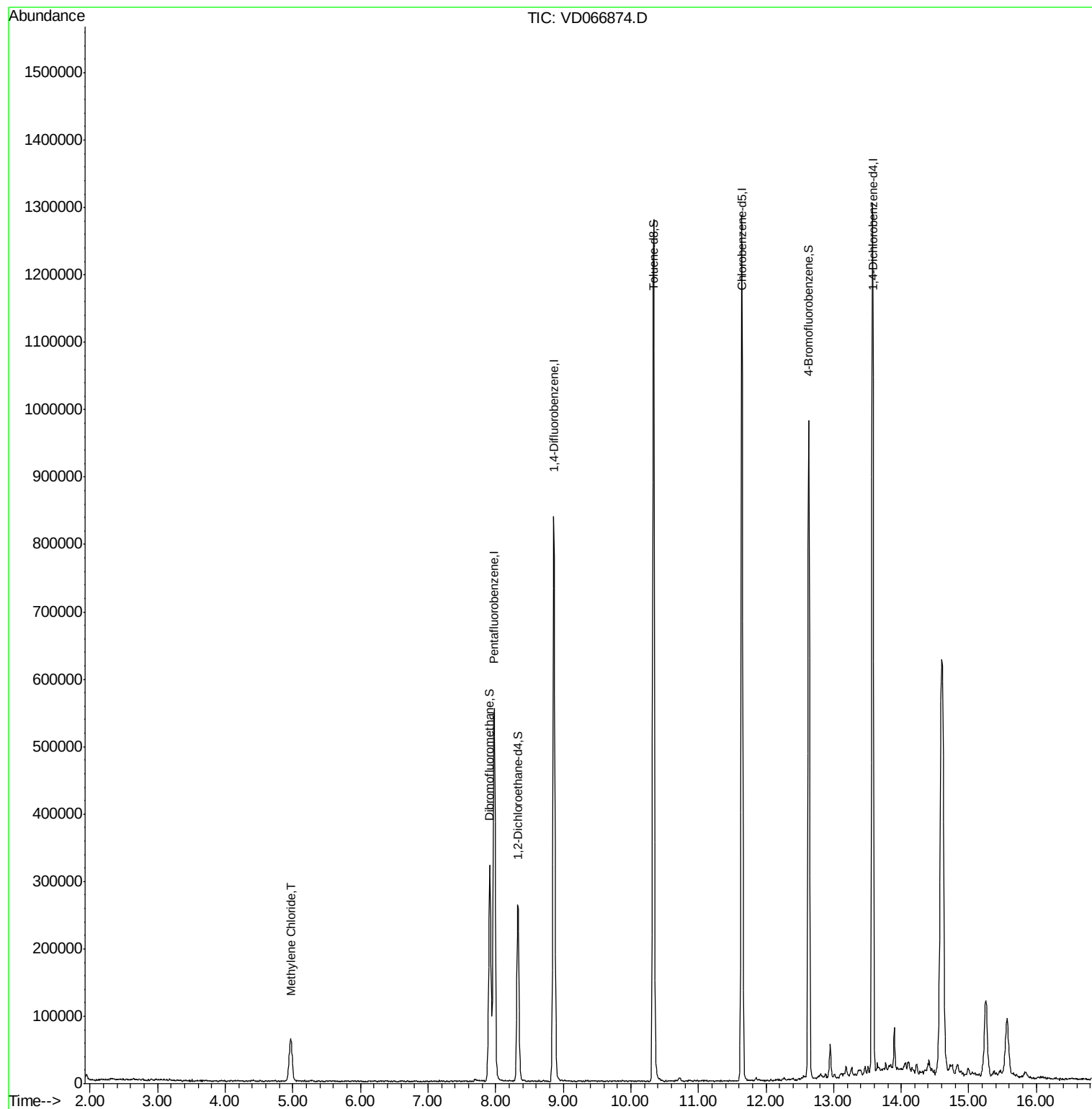
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	410914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	721337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	730984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	352377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	211464	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	7.91	113	228437	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.34	98	876535	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
62) 4-Bromofluorobenzene	12.63	95	324029	60.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.06%	
Target Compounds						
20) Methylene Chloride	4.97	84	52290	6.264	ug/l	Qvalue 92

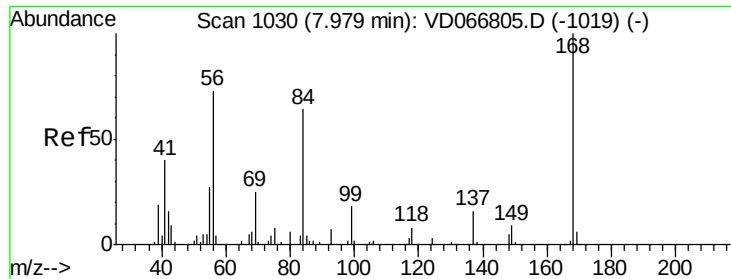
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066874.D

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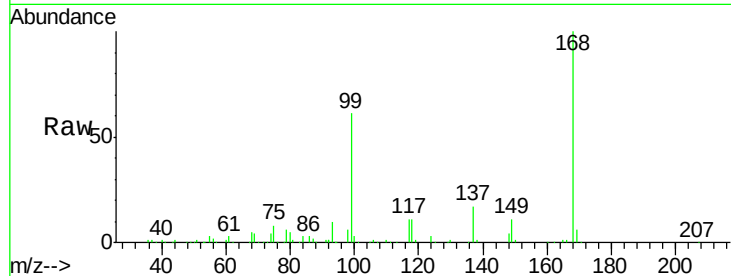
CHRT-25603

Tot Ion:168 Resp: 410914

Ion Ratio Lower Upper

168 100

99 61.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

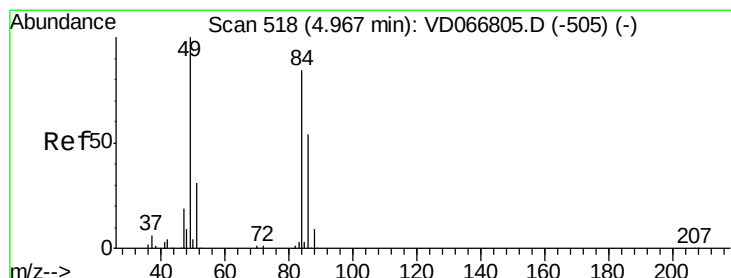
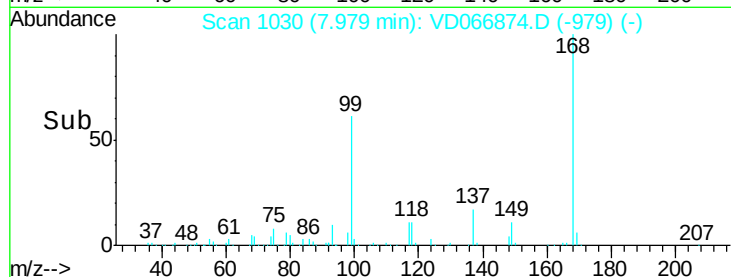
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.264 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066874.D

Acq: 25 Sep 2020 15:16

Tgt Ion: 84 Resp: 52290

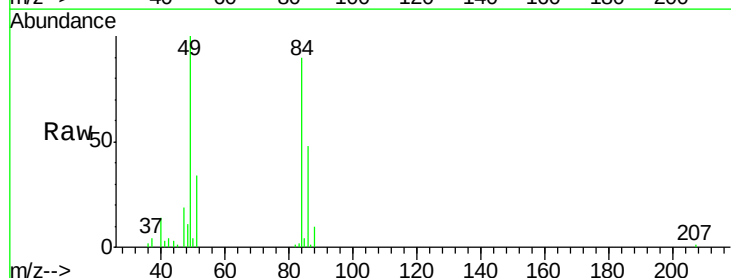
Ion Ratio Lower Upper

84 100

49 110.9 95.4 143.2

51 37.6 29.7 44.5

86 53.5 51.4 77.2



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

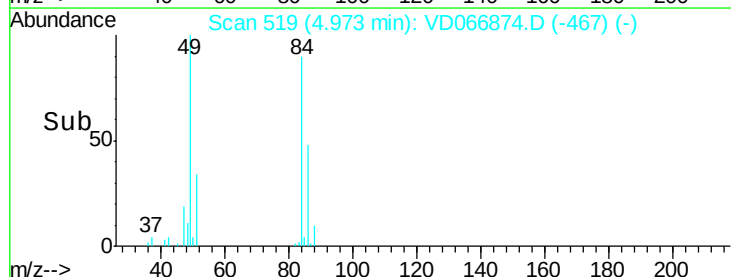
15000

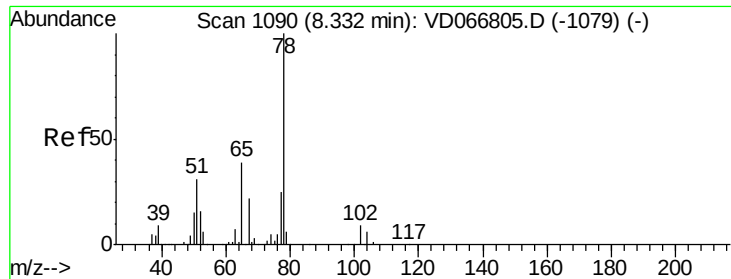
10000

5000

0

Time-->

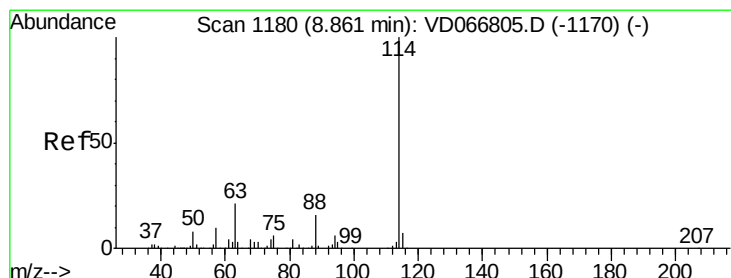
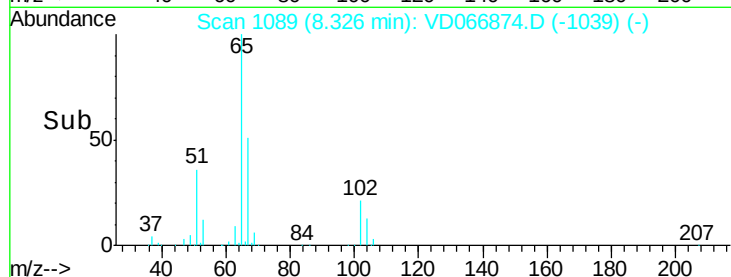
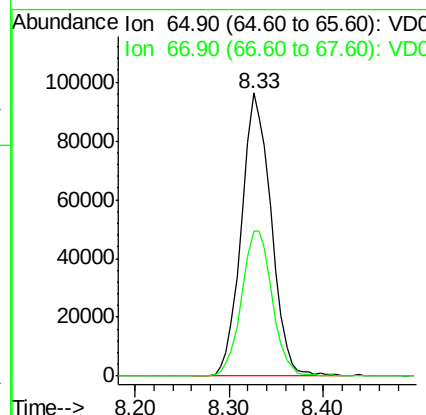
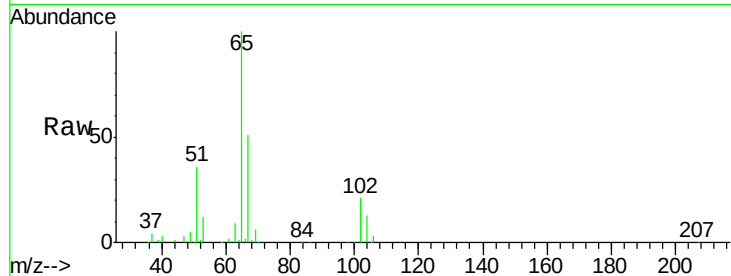




#33
 1,2-Dichloroethane-d4
 Concen: 52.579 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066874.D
 Acq: 25 Sep 2020 15:16

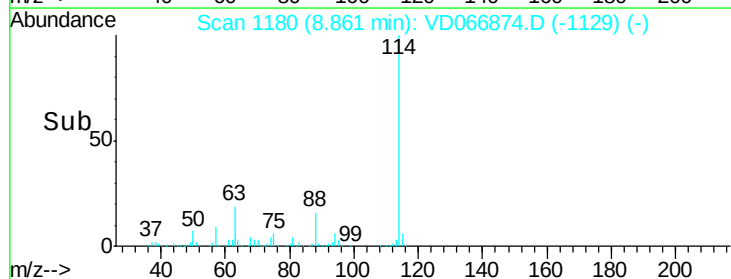
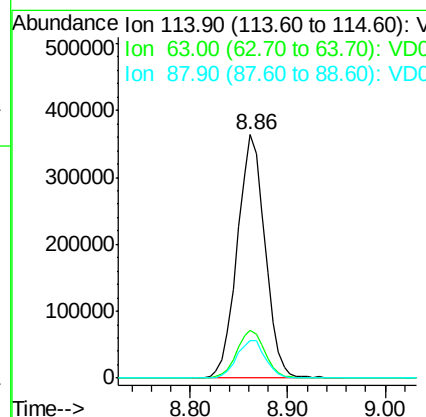
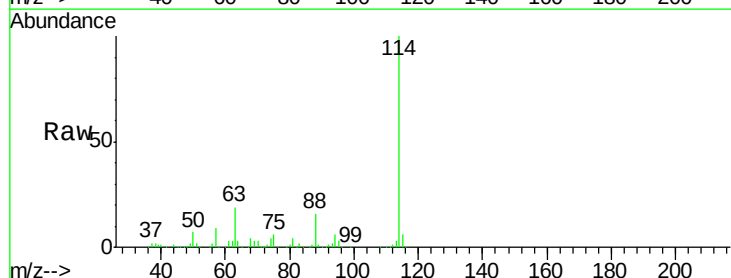
Instrument :
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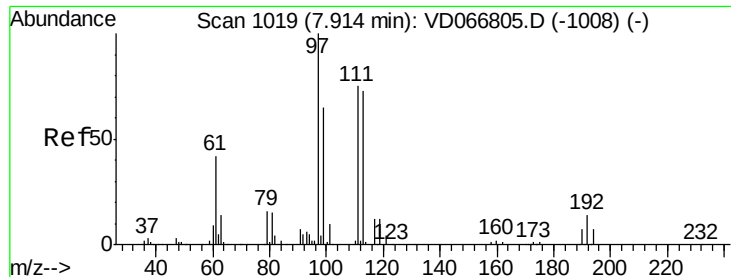
Tot Ion: 65 Resp: 211464
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066874.D
 Acq: 25 Sep 2020 15:16

Tgt Ion: 114 Resp: 721337
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.6
 88 15.5 0.0 32.6

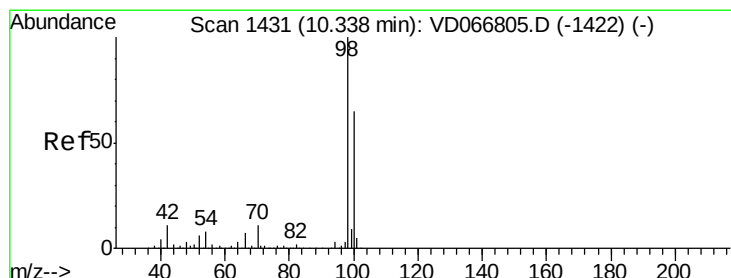
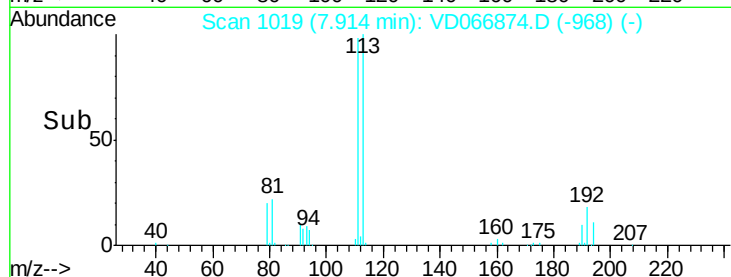
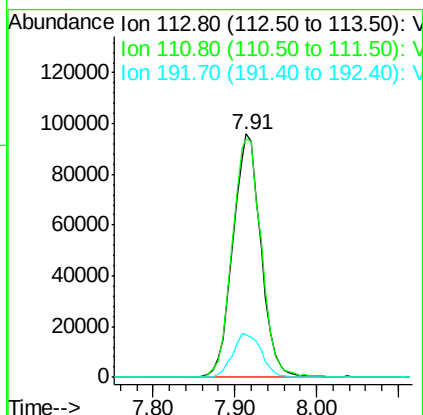
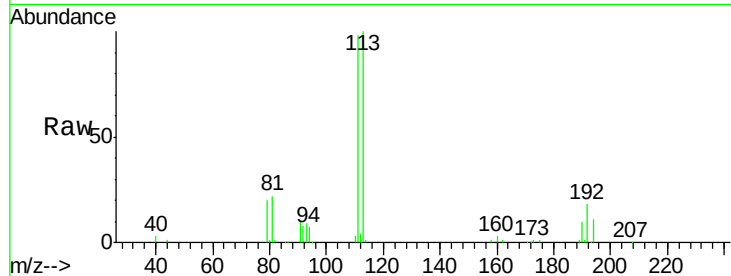




#35
 Dibromofluoromethane
 Concen: 49.778 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066874.D
 Acq: 25 Sep 2020 15:16

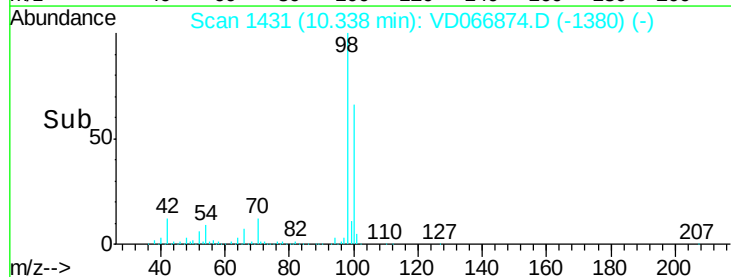
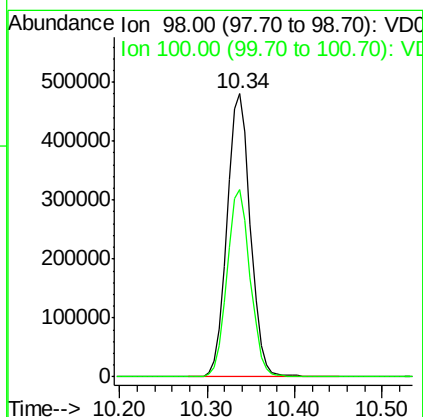
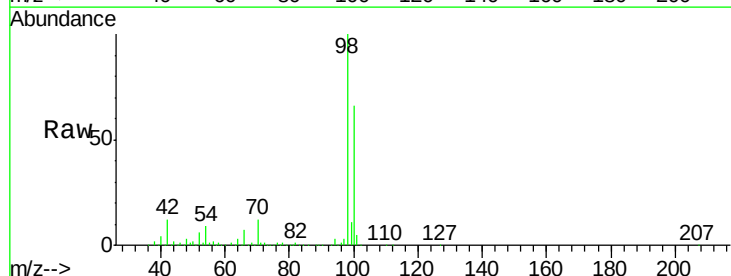
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-25603

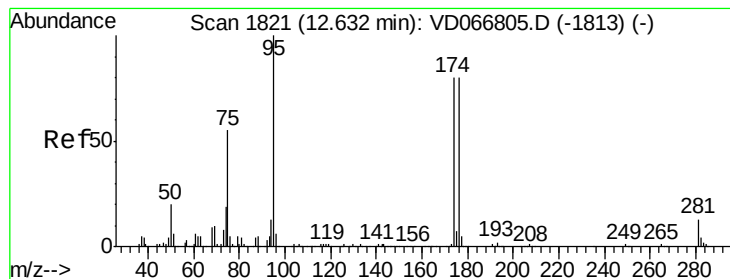
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	18.6	14.4	21.6



#50
 Toluene-d8
 Concen: 56.059 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066874.D
 Acq: 25 Sep 2020 15:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 60.535 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066874.D

Acq: 25 Sep 2020 15:16

Instrument :

MSVOA_D

ClientSampleId :

CHRT-25603

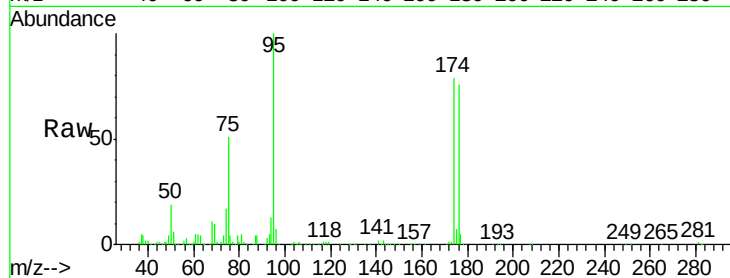
Tot Ion: 95 Resp: 324029

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.8

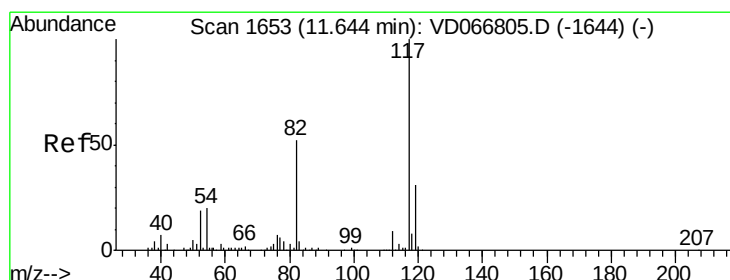
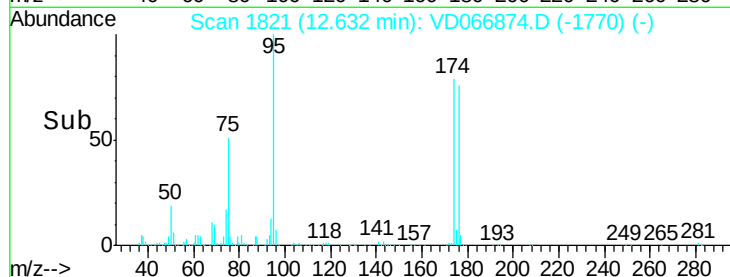
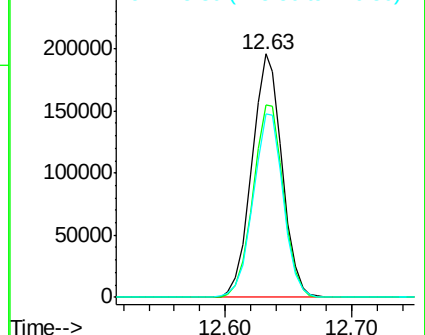
176 75.2 0.0 154.4



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: VD066874.D

Acq: 25 Sep 2020 15:16

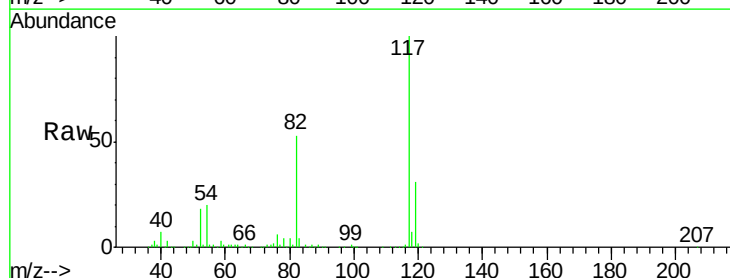
Tgt Ion: 117 Resp: 730984

Ion Ratio Lower Upper

117 100

82 53.0 41.8 62.6

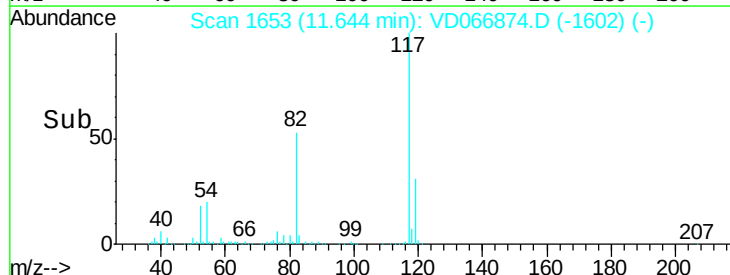
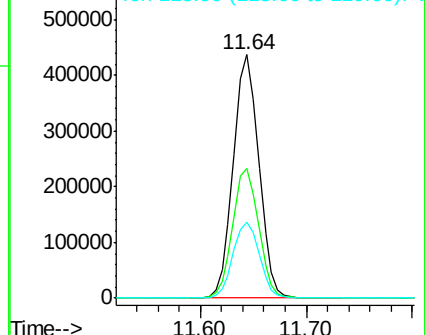
119 31.0 24.6 37.0

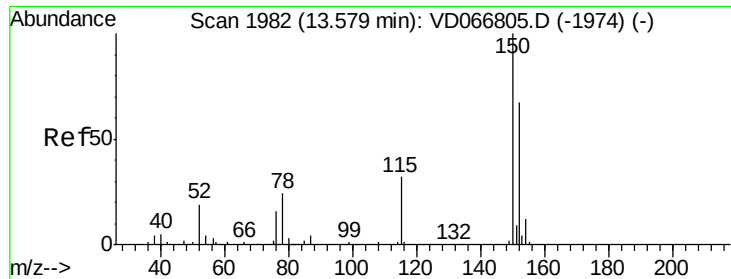


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD066874.D

Acq: 25 Sep 2020 15:16

Instrument :

MSVOA_D

ClientSampleId :

CHRT-25603

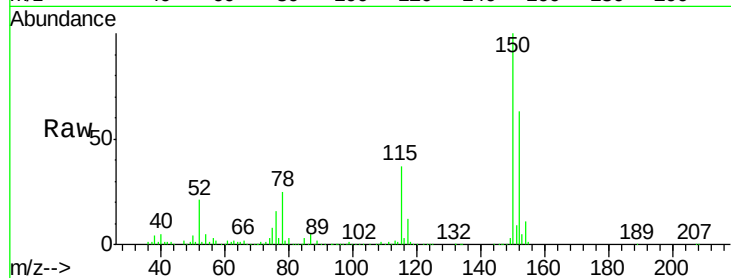
Tot Ion:152 Resp: 352377

Ion Ratio Lower Upper

152 100

115 60.2 30.3 91.0

150 154.5 0.0 346.2



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

