

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066308.D
 Acq On : 19 Aug 2020 07:11
 Operator : VA/SY
 Sample : L3712-04
 Misc : 6.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26572

Quant Time: Aug 19 09:00:25 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

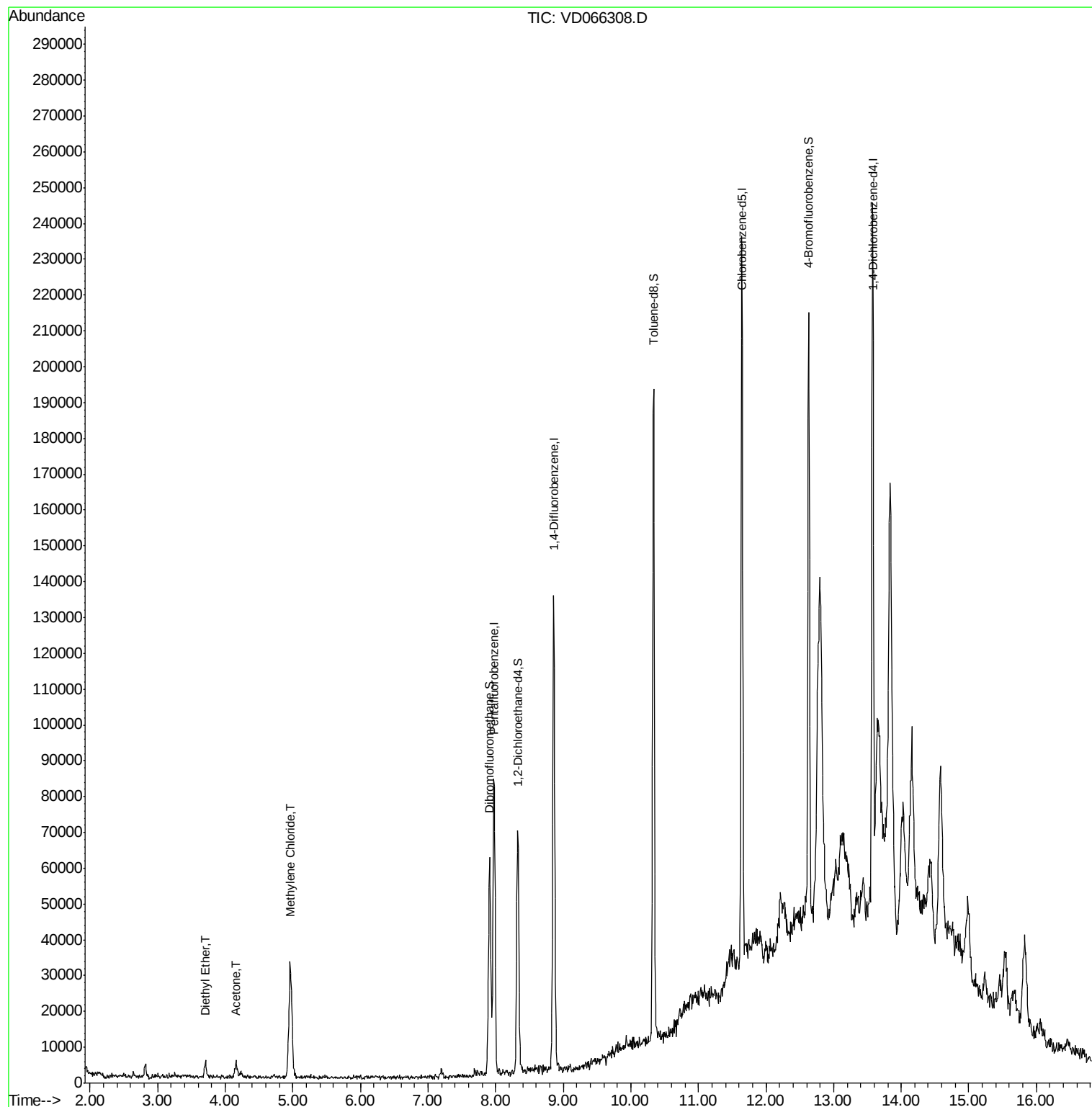
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	63375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	113880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	115870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	52295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	56514	99.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	199.90%	
35) Dibromofluoromethane	7.91	113	42716	59.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.42%	
50) Toluene-d8	10.33	98	121114	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
62) 4-Bromofluorobenzene	12.63	95	54306	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
Target Compounds						
8) Diethyl Ether	3.71	74	1988	7.028	ug/l	96
16) Acetone	4.16	43	7771	72.436	ug/l #	82
20) Methylene Chloride	4.96	84	25497	40.498	ug/l #	88

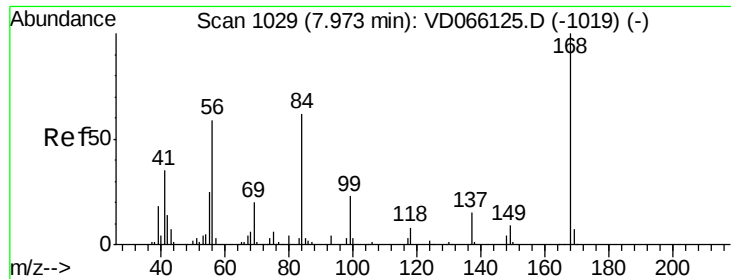
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066308.D
Acq On : 19 Aug 2020 07:11
Operator : VA/SY
Sample : L3712-04
Misc : 6.93G/5.00ml/MSVOA D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26572

Quant Time: Aug 19 09:00:25 2020
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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066308.D

Acq: 19 Aug 2020 07:11

Instrument :

MSVOA_D

ClientSampleId :

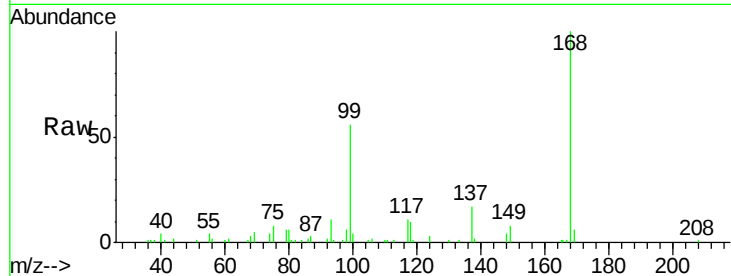
CHRT-26572

Tot Ion:168 Resp: 63375

Ion Ratio Lower Upper

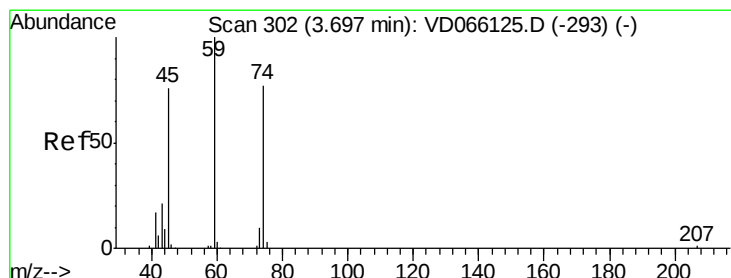
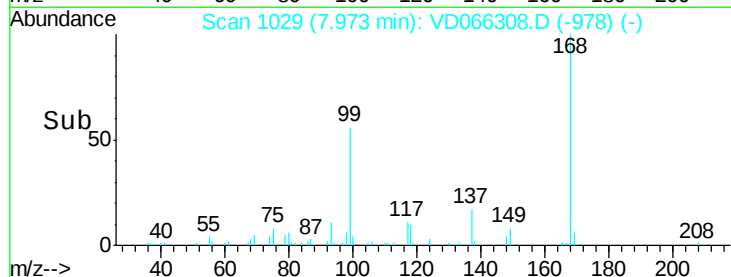
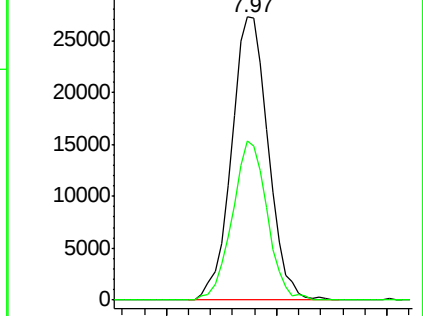
168 100

99 56.1 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 7.028 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD066308.D

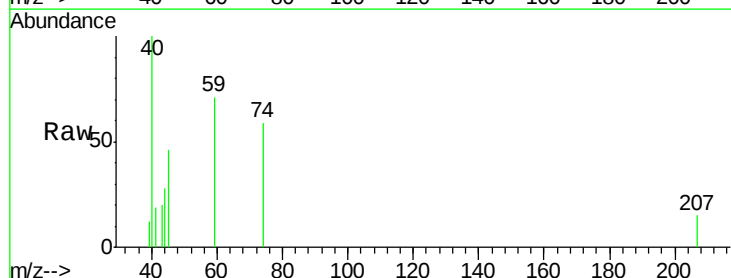
Acq: 19 Aug 2020 07:11

Tgt Ion: 74 Resp: 1988

Ion Ratio Lower Upper

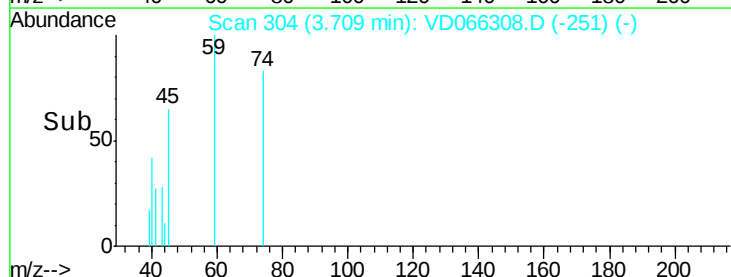
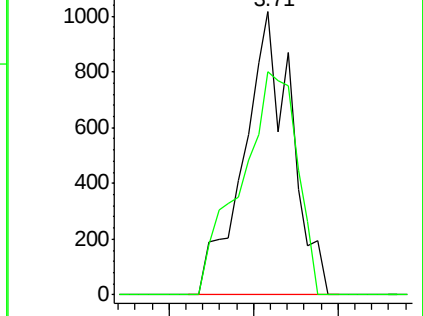
74 100

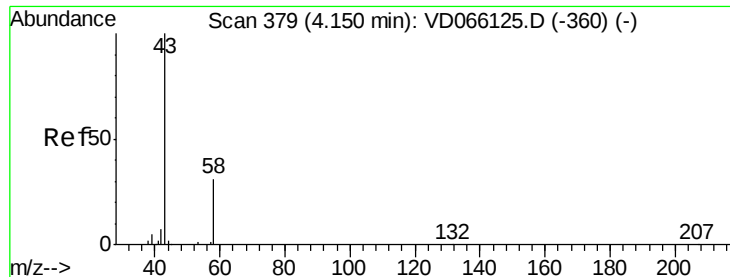
45 93.3 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#16

Acetone

Concen: 72.436 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066308.D

Acq: 19 Aug 2020 07:11

Instrument :

MSVOA_D

ClientSampleId :

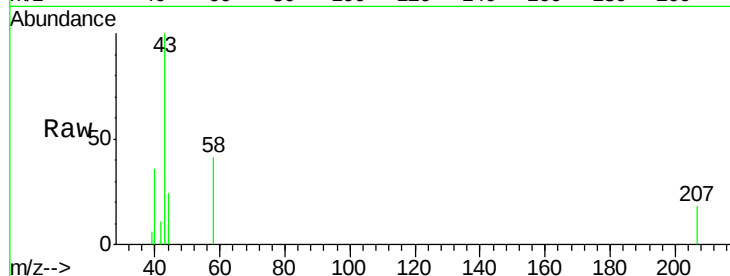
CHRT-26572

Tot Ion: 43 Resp: 7771

Ion Ratio Lower Upper

43 100

58 41.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

2500

2000

1500

1000

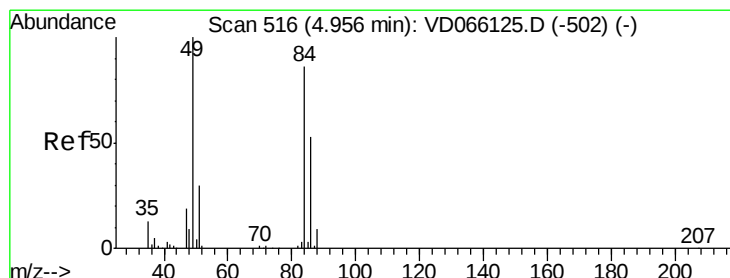
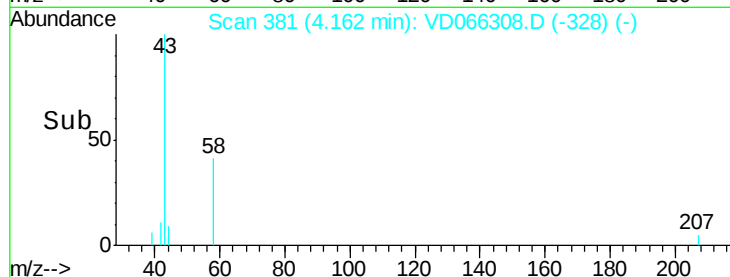
500

0

Time-->

4.10

4.20



#20

Methylene Chloride

Concen: 40.498 ug/l

RT: 4.96 min Scan# 516

Delta R.T. 0.00 min

Lab File: VD066308.D

Acq: 19 Aug 2020 07:11

Tgt Ion: 84 Resp: 25497

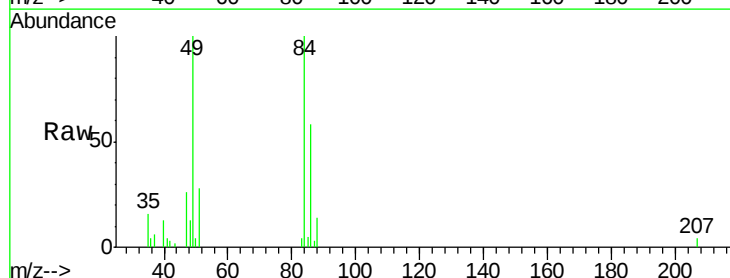
Ion Ratio Lower Upper

84 100

49 99.9 93.5 140.3

51 27.8 28.2 42.4#

86 58.0 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

4.96

10000

5000

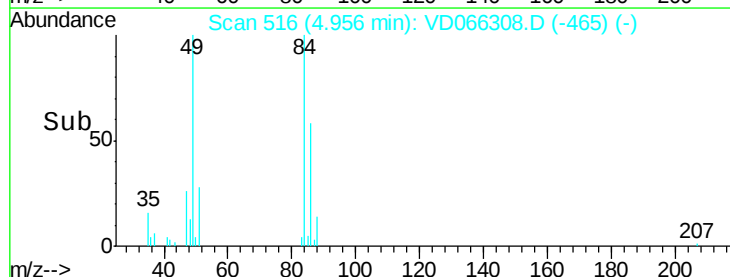
0

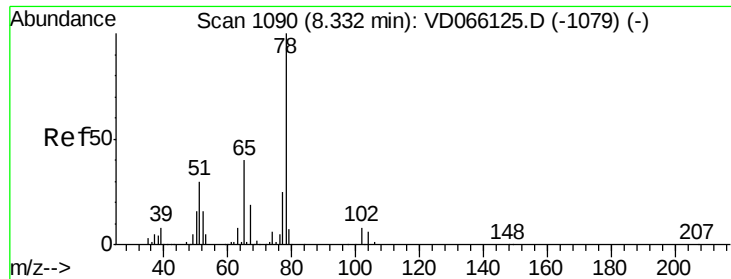
Time-->

4.90

5.00

5.10





#33

1,2-Dichloroethane-d4

Concen: 99.954 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066308.D

Acq: 19 Aug 2020 07:11

Instrument :

MSVOA_D

ClientSampleId :

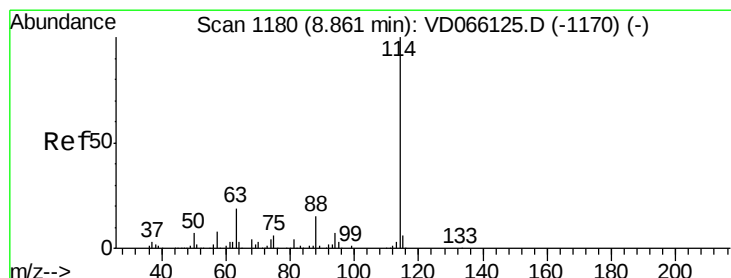
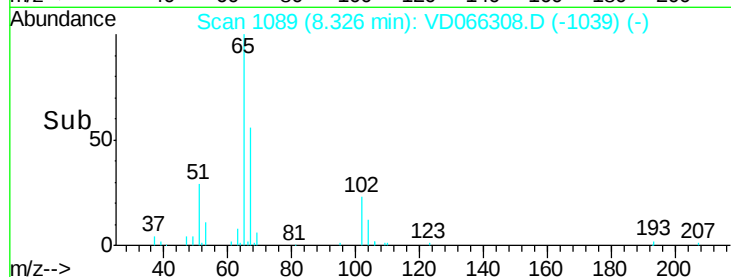
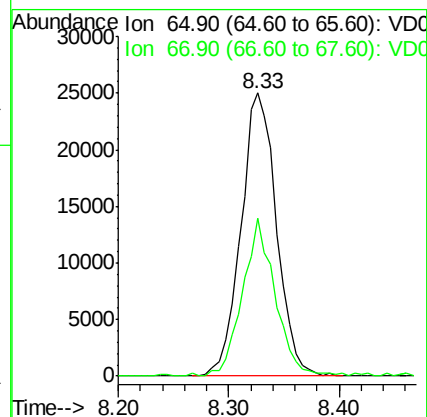
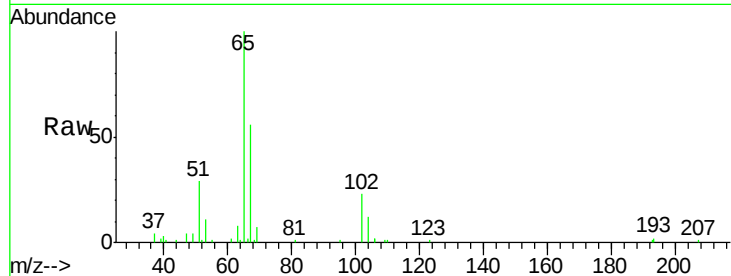
CHRT-26572

Tot Ion: 65 Resp: 56514

Ion Ratio Lower Upper

65 100

67 51.3 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: VD066308.D

Acq: 19 Aug 2020 07:11

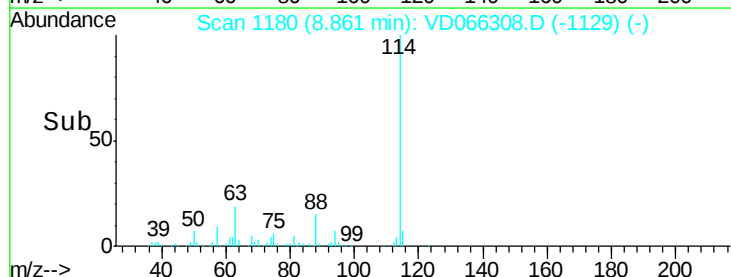
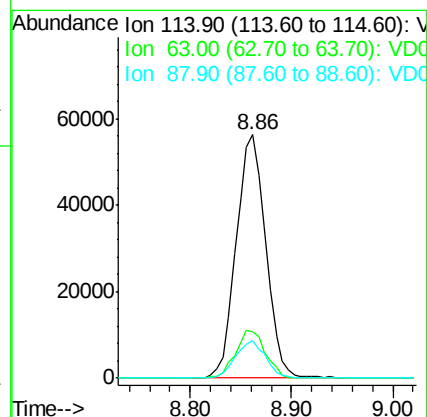
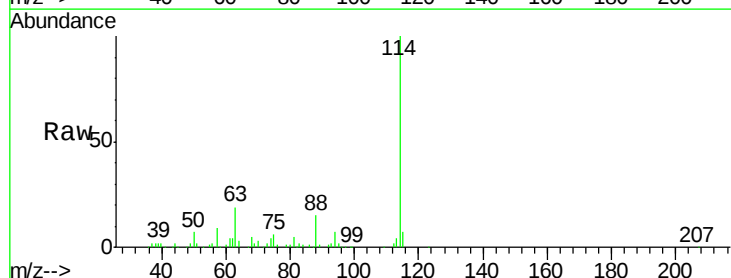
Tgt Ion: 114 Resp: 113880

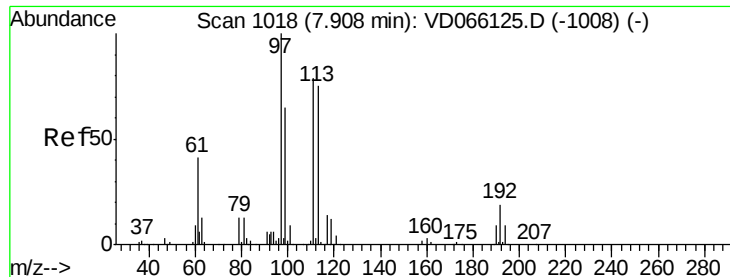
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

88 15.4 0.0 30.0

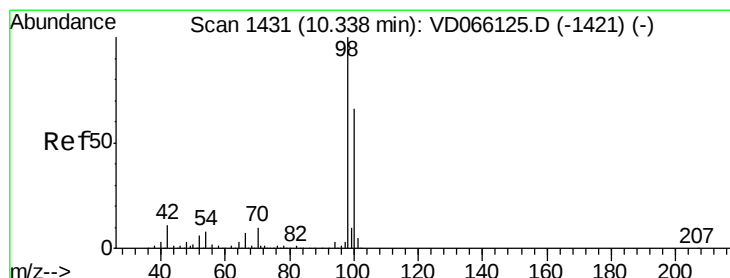
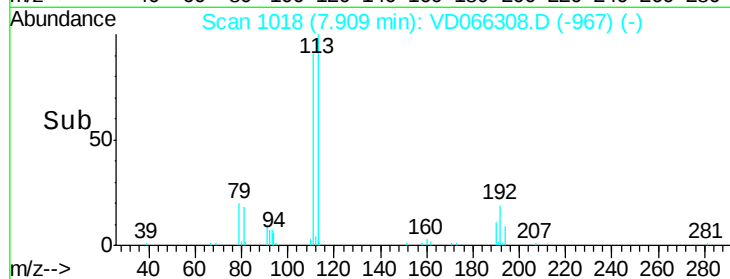
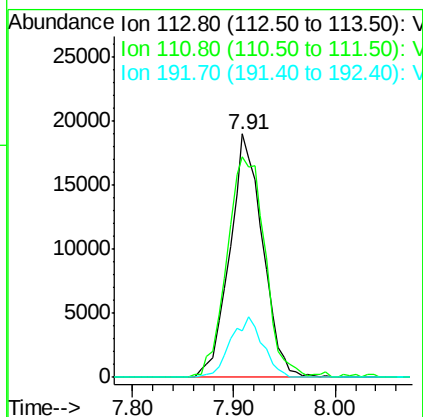
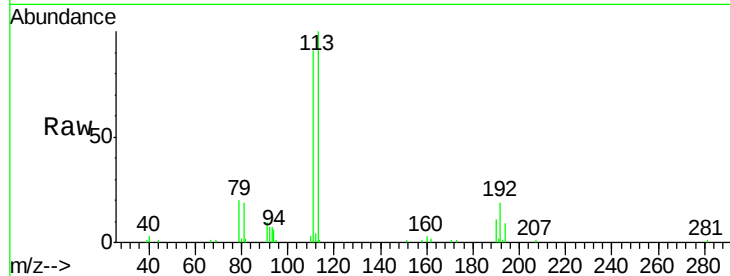




#35
 Dibromofluoromethane
 Concen: 59.211 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066308.D
 Acq: 19 Aug 2020 07:11

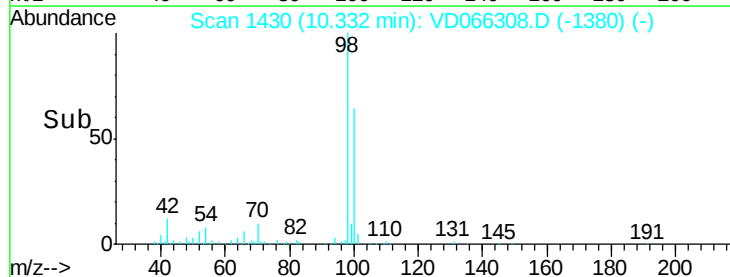
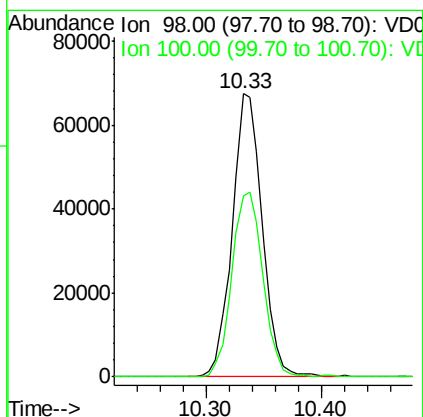
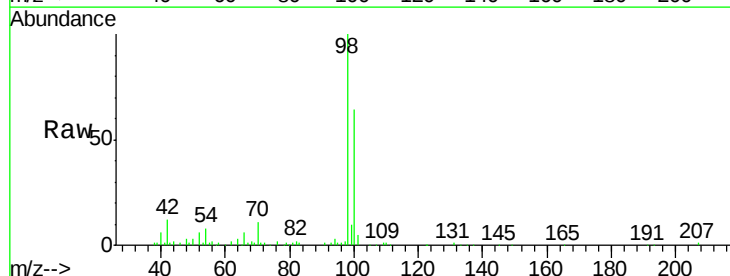
Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26572

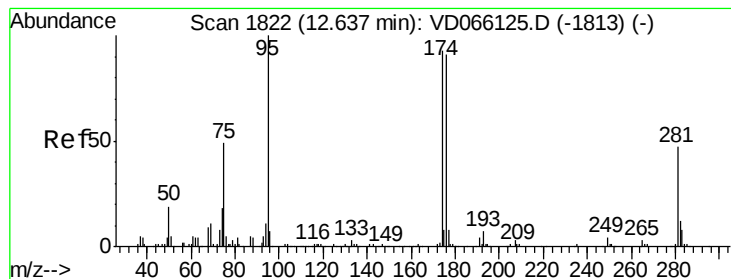
Tot Ion:113 Resp: 42716
 Ion Ratio Lower Upper
 113 100
 111 104.5 80.7 121.1
 192 24.2 18.4 27.6



#50
 Toluene-d8
 Concen: 45.494 ug/l
 RT: 10.33 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: VD066308.D
 Acq: 19 Aug 2020 07:11

Tgt Ion: 98 Resp: 121114
 Ion Ratio Lower Upper
 98 100
 100 67.4 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 56.591 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066308.D

Acq: 19 Aug 2020 07:11

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26572

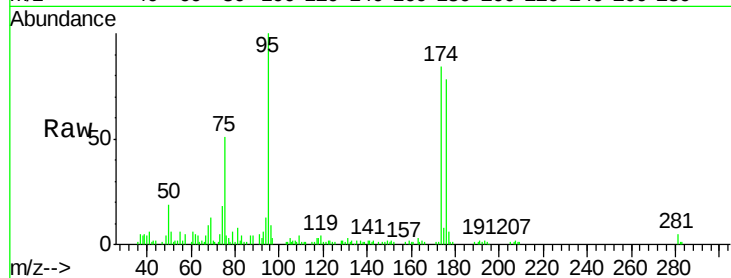
Tot Ion: 95 Resp: 54306

Ion Ratio Lower Upper

95 100

174 88.1 0.0 180.8

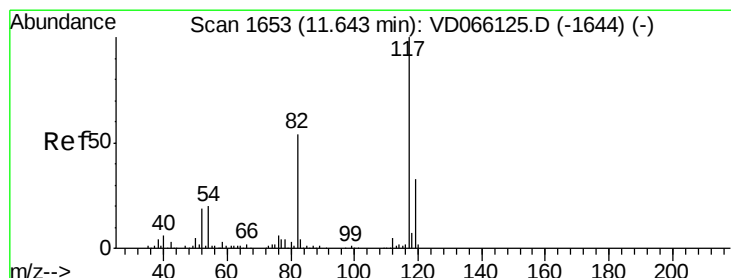
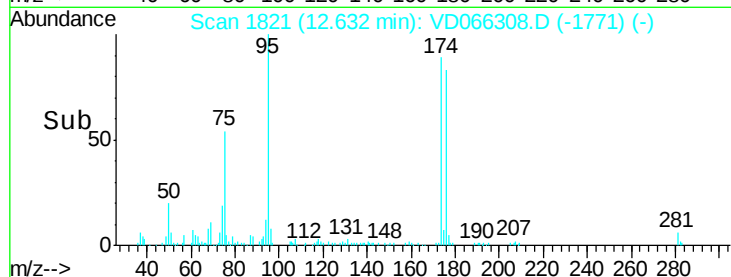
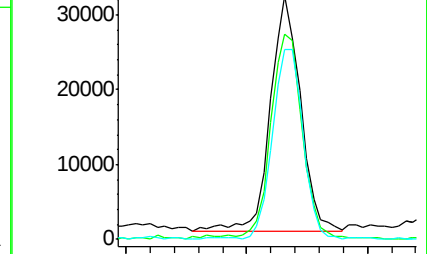
176 81.3 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066308.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD066308.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD066308.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066308.D

Acq: 19 Aug 2020 07:11

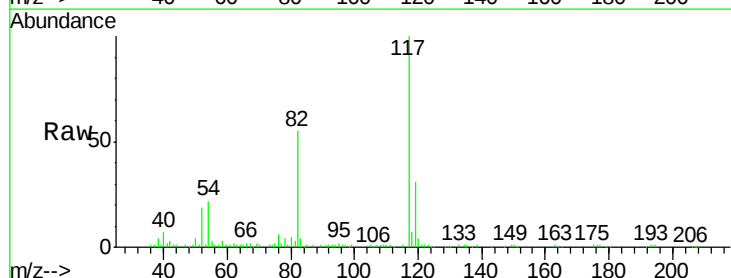
Tgt Ion: 117 Resp: 115870

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

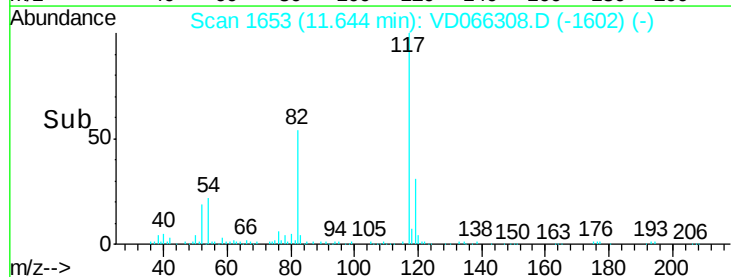
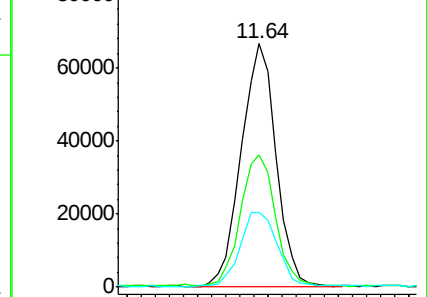
119 30.4 26.1 39.1

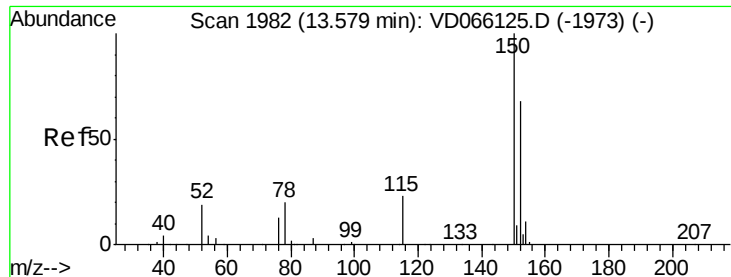


Abundance Ion 116.90 (116.60 to 117.60): VD066308.D (-1602) (-)

Ion 82.00 (81.70 to 82.70): VD066308.D (-1602) (-)

Ion 118.90 (118.60 to 119.60): VD066308.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: VD066308.D

Acq: 19 Aug 2020 07:11

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26572

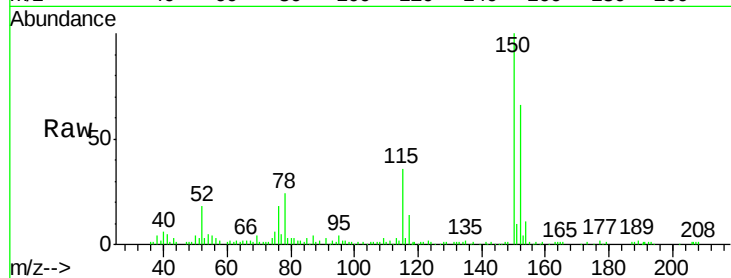
Tot Ion:152 Resp: 52295

Ion Ratio Lower Upper

152 100

115 56.7 28.0 83.9

150 162.1 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

