

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066325.D
 Acq On : 19 Aug 2020 18:13
 Operator : VA/SY
 Sample : L3712-14
 Misc : 6.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26982

Quant Time: Aug 20 07:45:10 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

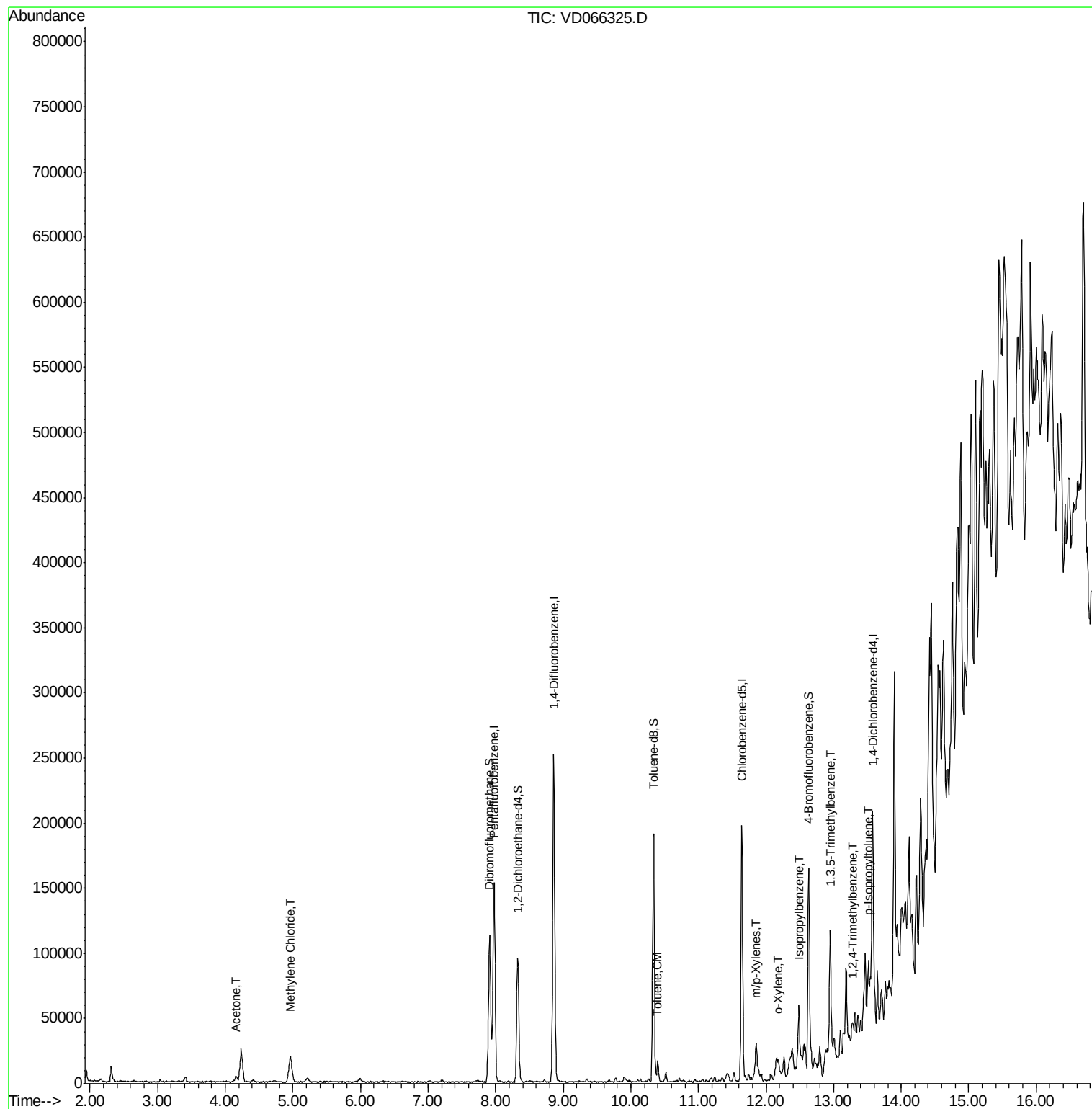
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	119348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	217905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	117182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	38872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	83491	78.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.82%	
35) Dibromofluoromethane	7.91	113	78790	57.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.16%	
50) Toluene-d8	10.34	98	129187	25.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.72%	
62) 4-Bromofluorobenzene	12.63	95	46986	25.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.18%	
Target Compounds						
16) Acetone	4.16	43	8015	39.672	ug/l	95
20) Methylene Chloride	4.97	84	15299	9.398	ug/l #	80
52) Toluene	10.40	92	6560	1.755	ug/l	99
68) m/p-Xylenes	11.85	106	5621	3.519	ug/l	92
69) o-Xylene	12.18	106	2628	1.809	ug/l	91
73) Isopropylbenzene	12.48	105	2980	1.148	ug/l	77
80) 1,3,5-Trimethylbenzene	12.96	105	4170	1.922	ug/l	85
84) 1,2,4-Trimethylbenzene	13.27	105	6921	3.187	ug/l	99
86) p-Isopropyltoluene	13.52	119	12386	5.125	ug/l	93

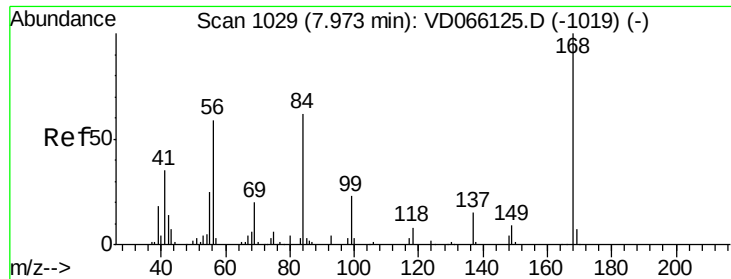
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066325.D

Acq: 19 Aug 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

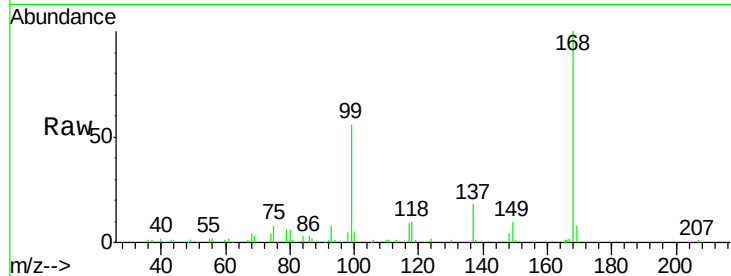
CHRT-26982

Tot Ion:168 Resp: 119348

Ion Ratio Lower Upper

168 100

99 55.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

60000

50000

40000

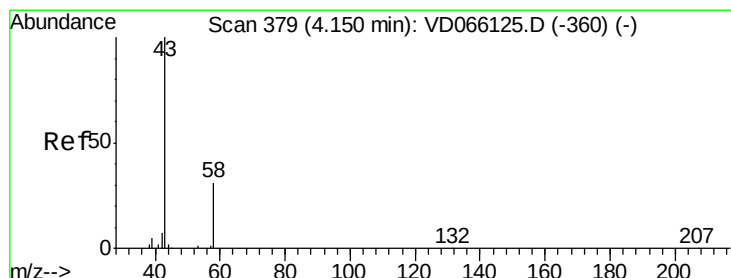
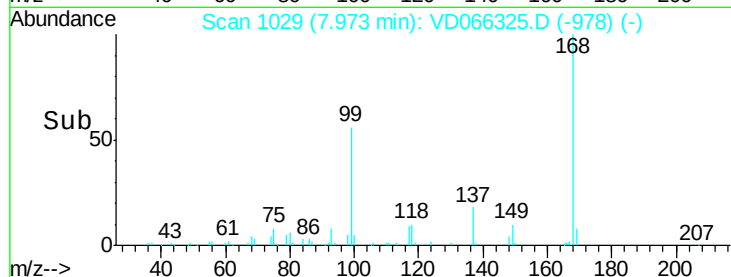
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 39.672 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066325.D

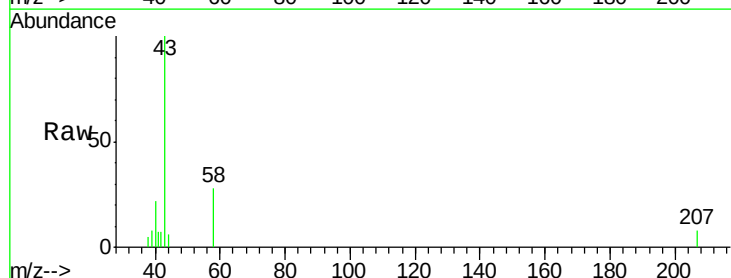
Acq: 19 Aug 2020 18:13

Tgt Ion: 43 Resp: 8015

Ion Ratio Lower Upper

43 100

58 28.3 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

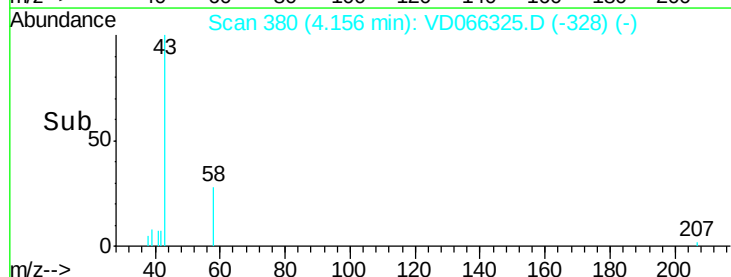
3000

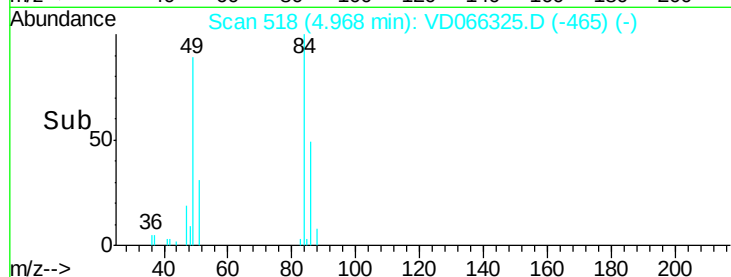
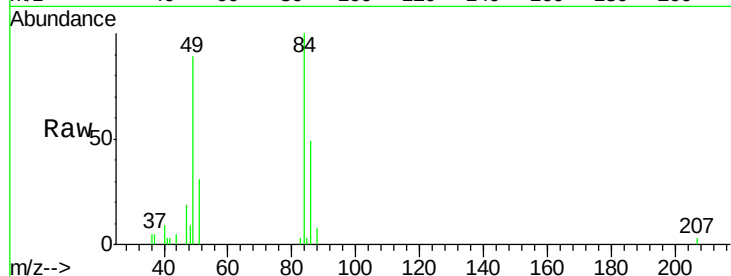
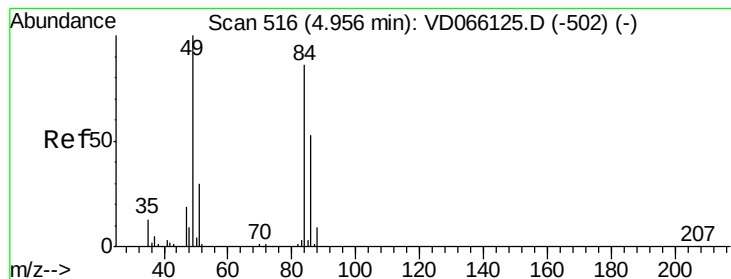
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 9.398 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066325.D

Acq: 19 Aug 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26982

Tot Ion: 84 Resp: 15299

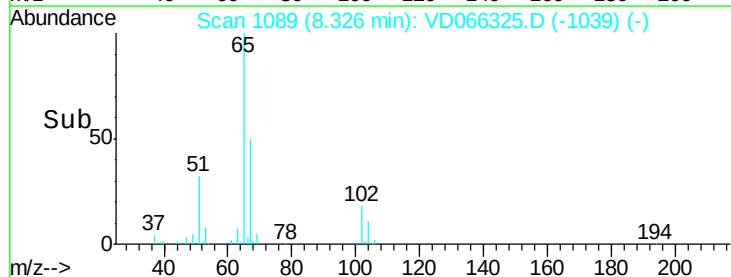
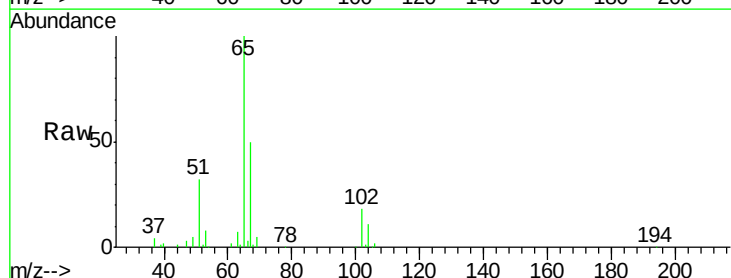
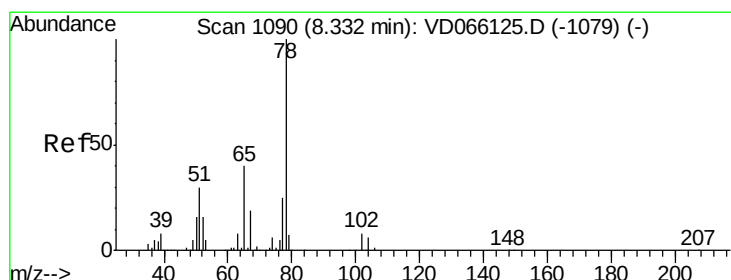
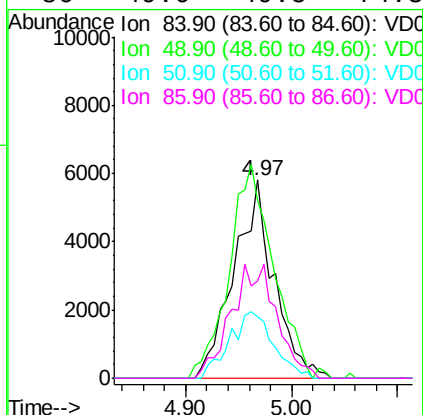
Ion Ratio Lower Upper

84 100

49 89.4 93.5 140.3#

51 31.1 28.2 42.4

86 49.0 49.5 74.3#



#33

1,2-Dichloroethane-d4

Concen: 78.413 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066325.D

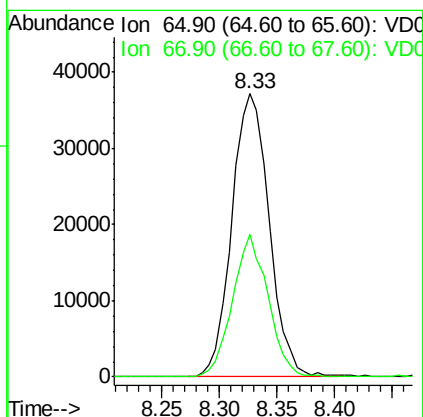
Acq: 19 Aug 2020 18:13

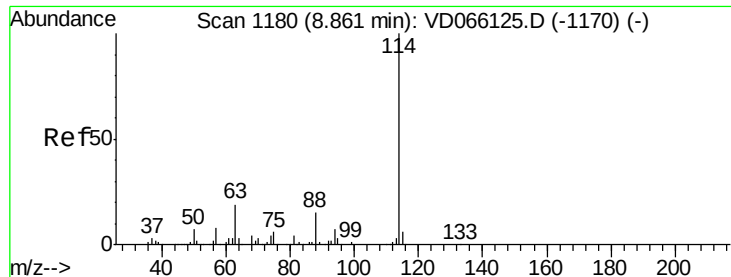
Tgt Ion: 65 Resp: 83491

Ion Ratio Lower Upper

65 100

67 47.9 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: VD066325.D

Acq: 19 Aug 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26982

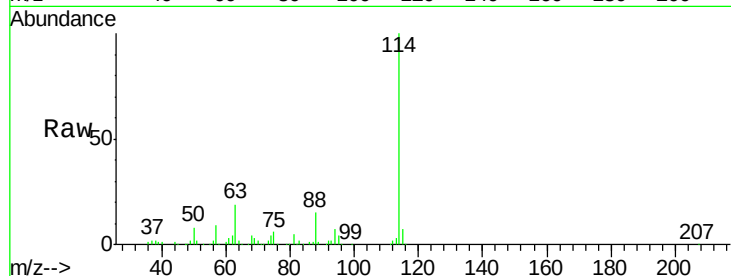
Tot Ion:114 Resp: 217905

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

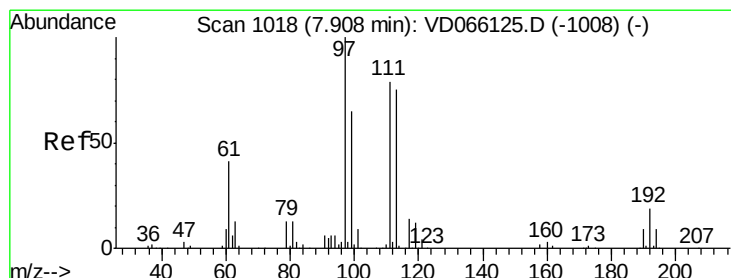
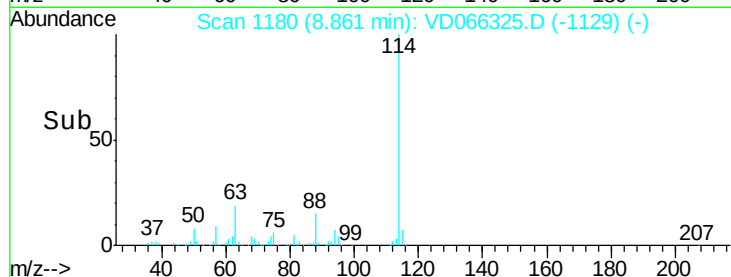
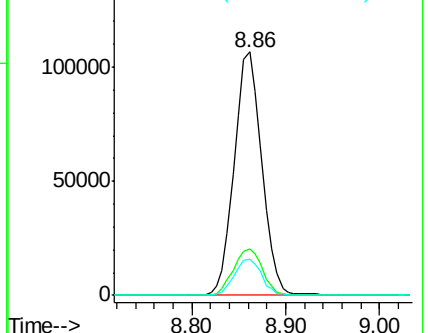
88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 57.077 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066325.D

Acq: 19 Aug 2020 18:13

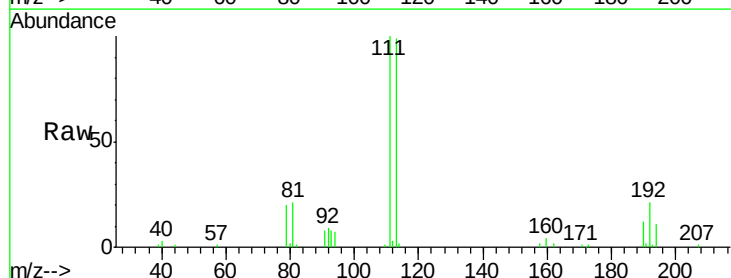
Tgt Ion:113 Resp: 78790

Ion Ratio Lower Upper

113 100

111 101.9 80.7 121.1

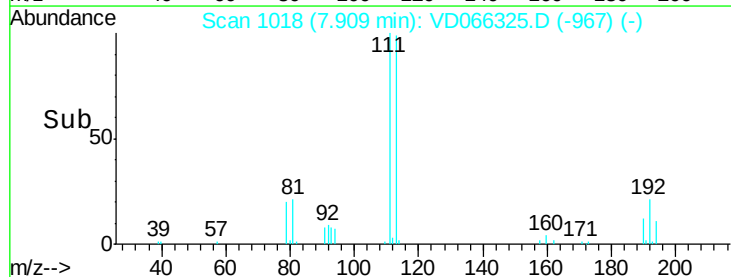
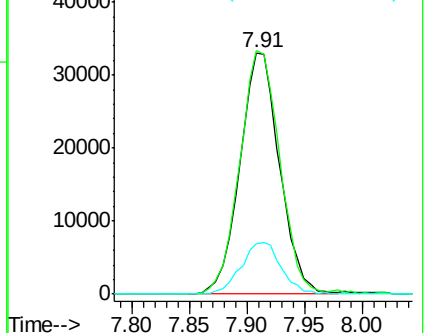
192 21.6 18.4 27.6

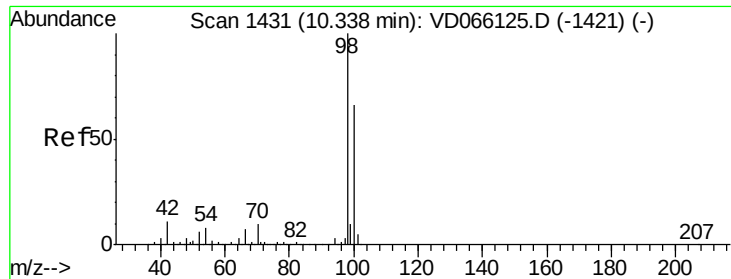


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

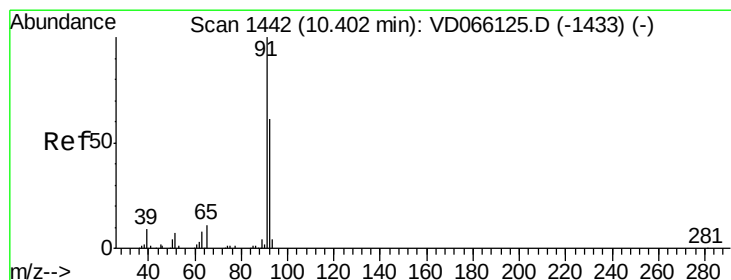
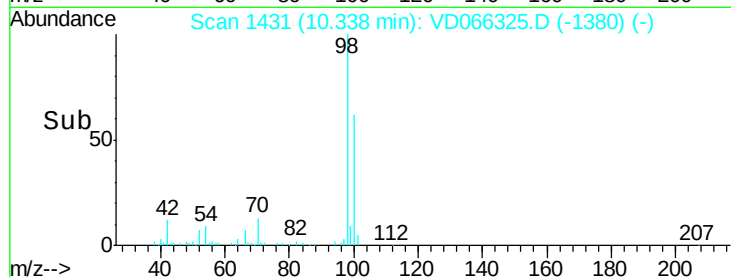
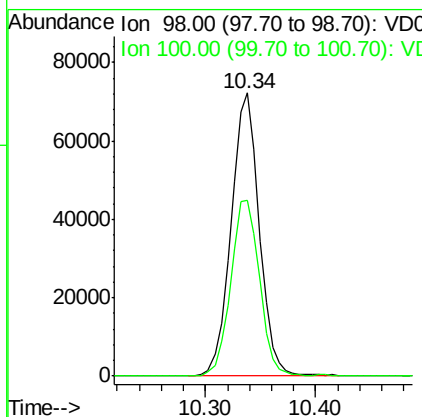
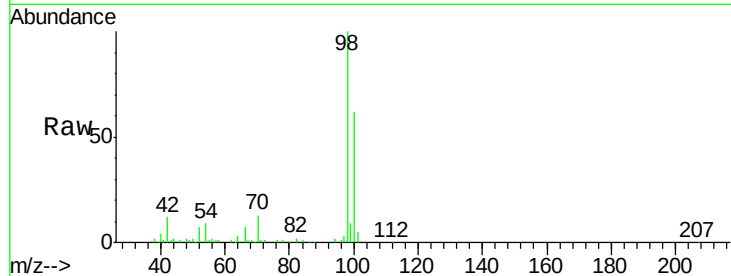




#50
Toluene-d8
Concen: 25.360 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066325.D
Acq: 19 Aug 2020 18:13

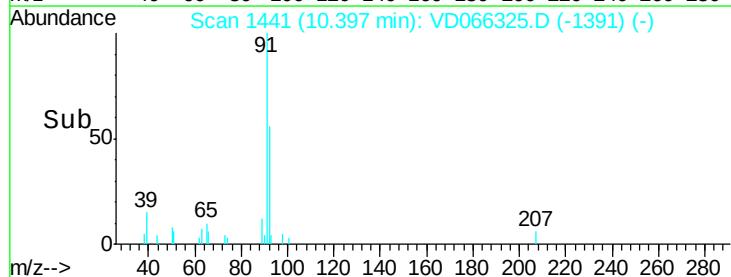
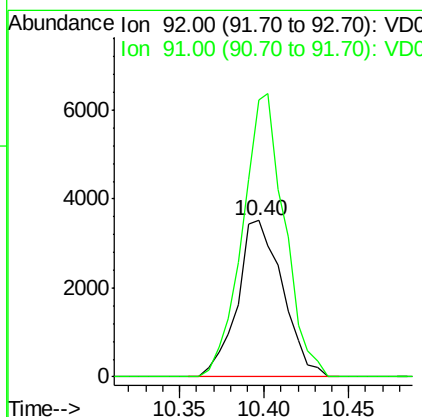
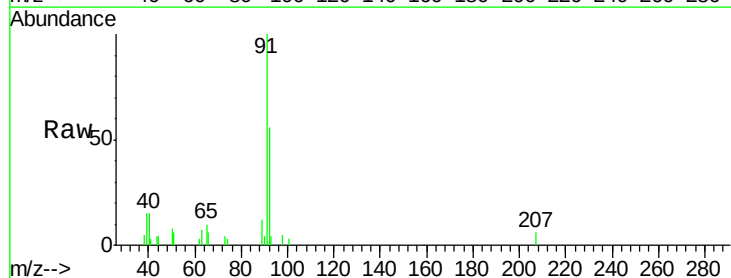
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26982

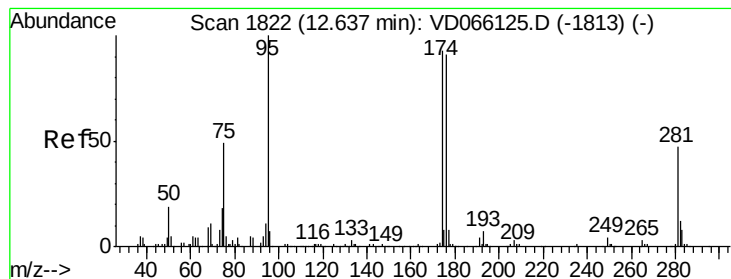
Tot Ion: 98 Resp: 129187
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#52
Toluene
Concen: 1.755 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066325.D
Acq: 19 Aug 2020 18:13

Tgt Ion: 92 Resp: 6560
Ion Ratio Lower Upper
92 100
91 168.0 135.2 202.8





#62

4-Bromofluorobenzene

Concen: 25.589 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066325.D

Acq: 19 Aug 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26982

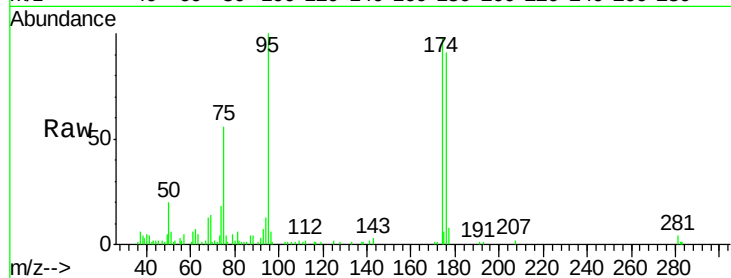
Tot Ion: 95 Resp: 46986

Ion Ratio Lower Upper

95 100

174 88.5 0.0 180.8

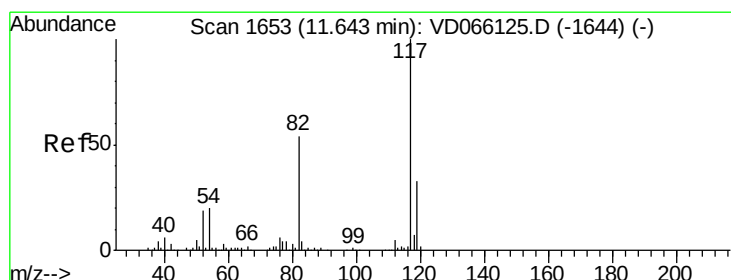
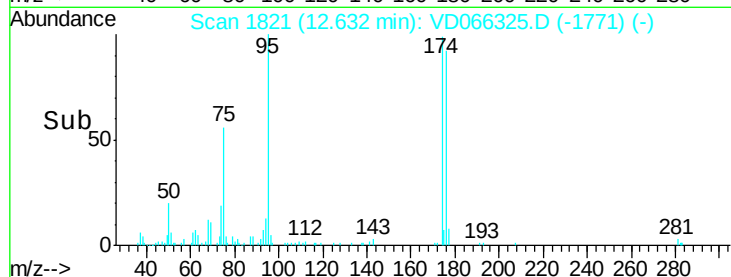
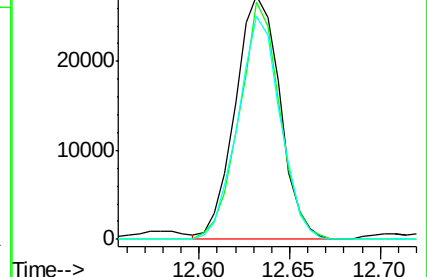
176 86.7 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066125.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066125.D (-1813) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066325.D

Acq: 19 Aug 2020 18:13

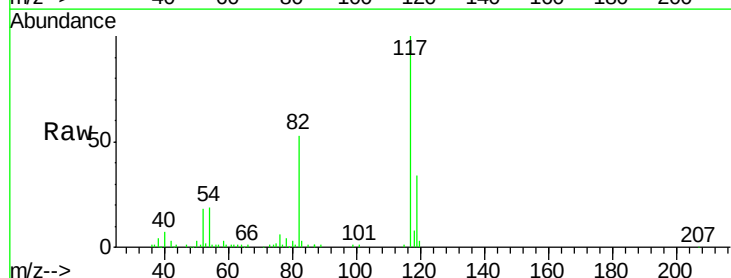
Tgt Ion: 117 Resp: 117182

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

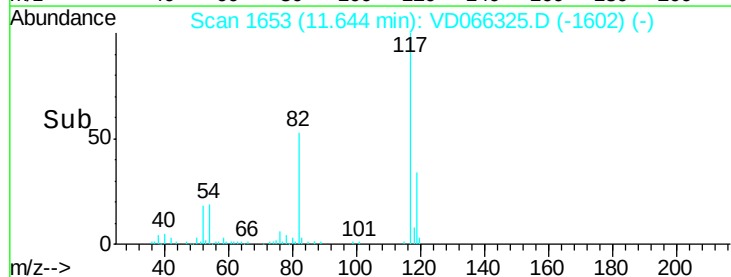
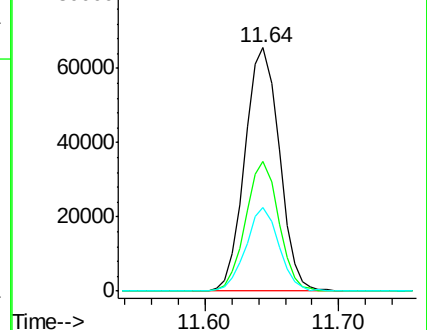
119 34.1 26.1 39.1

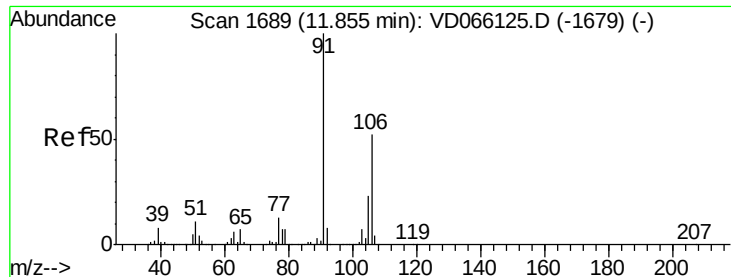


Abundance Ion 116.90 (116.60 to 117.60): VD066125.D (-1644) (-)

Ion 82.00 (81.70 to 82.70): VD066125.D (-1644) (-)

Ion 118.90 (118.60 to 119.60): VD066125.D (-1644) (-)

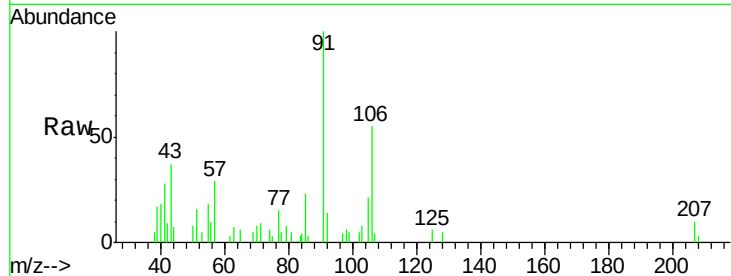




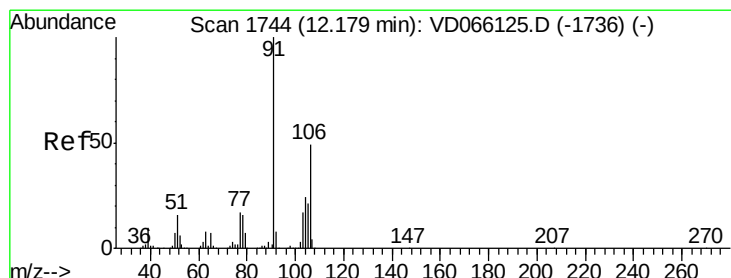
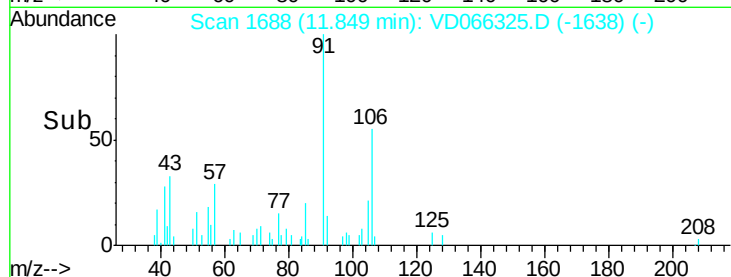
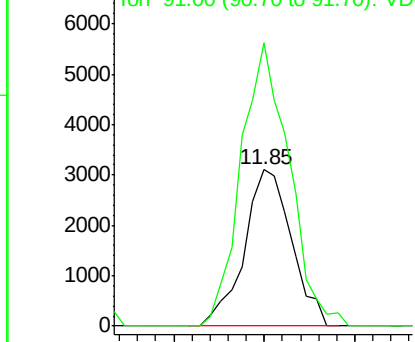
#68
m/p-Xylenes
Concen: 3.519 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066325.D
Acq: 19 Aug 2020 18:13

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26982

Tot Ion:106 Resp: 5621
Ion Ratio Lower Upper
106 100
91 184.6 156.6 235.0

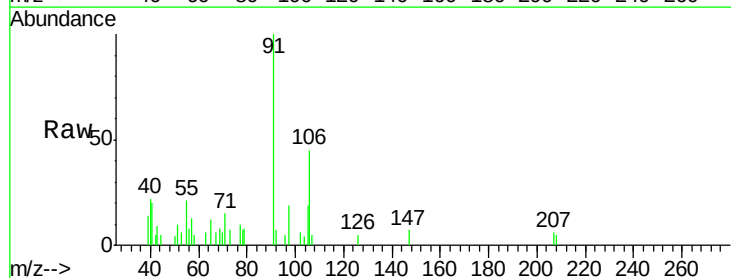


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

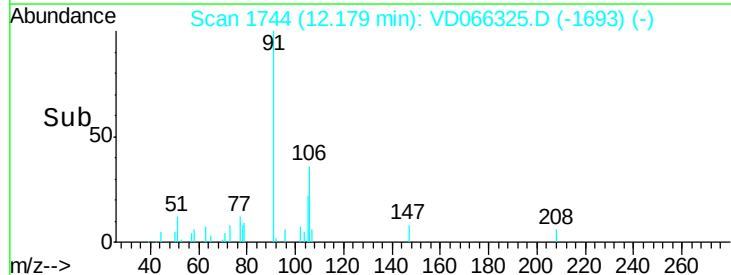
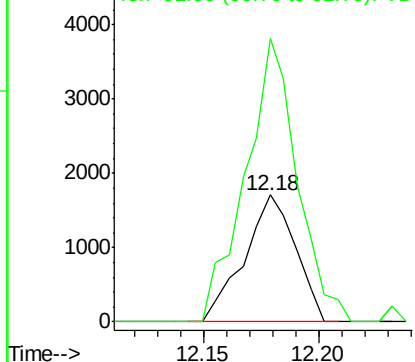


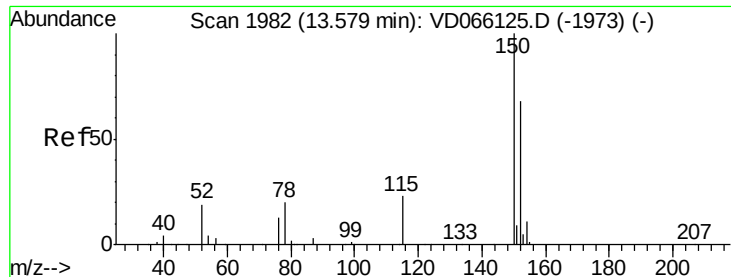
#69
o-Xylene
Concen: 1.809 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066325.D
Acq: 19 Aug 2020 18:13

Tgt Ion:106 Resp: 2628
Ion Ratio Lower Upper
106 100
91 225.8 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066325.D

Acq: 19 Aug 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26982

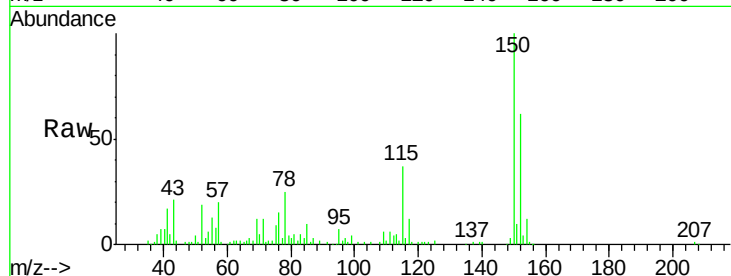
Tot Ion:152 Resp: 38872

Ion Ratio Lower Upper

152 100

115 53.9 28.0 83.9

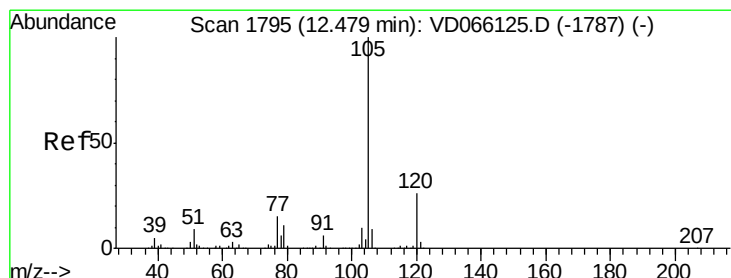
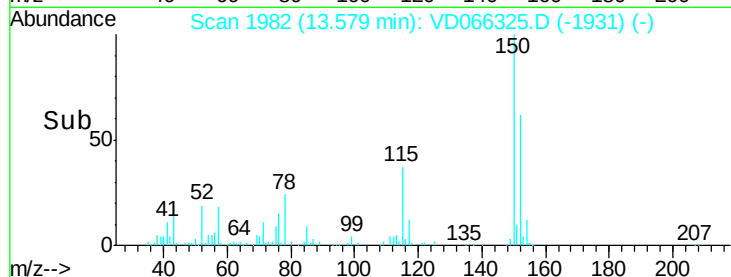
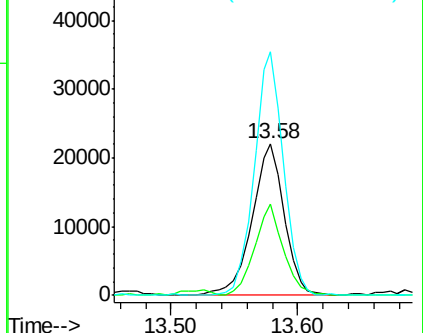
150 145.3 0.0 346.4



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



#73

Isopropylbenzene

Concen: 1.148 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066325.D

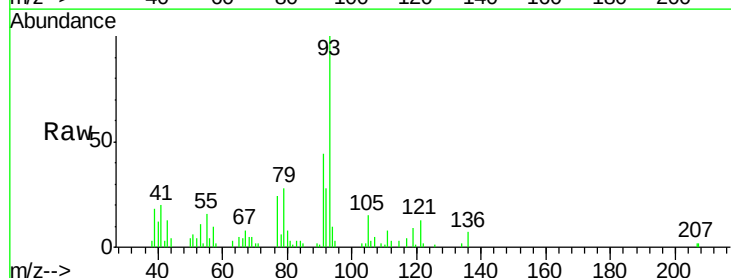
Acq: 19 Aug 2020 18:13

Tgt Ion:105 Resp: 2980

Ion Ratio Lower Upper

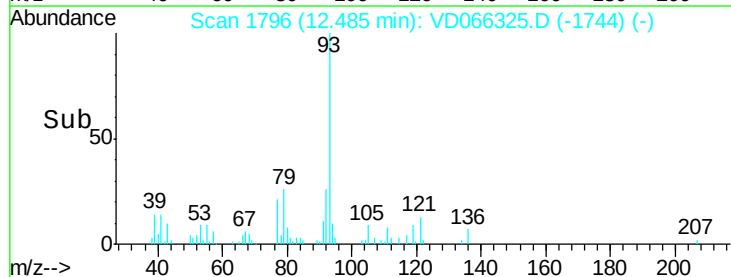
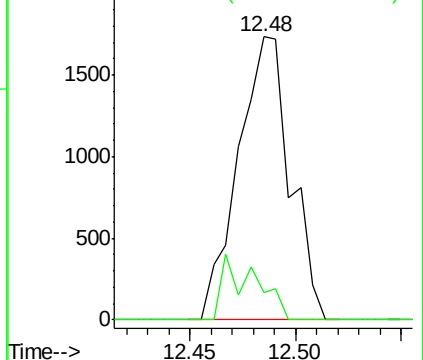
105 100

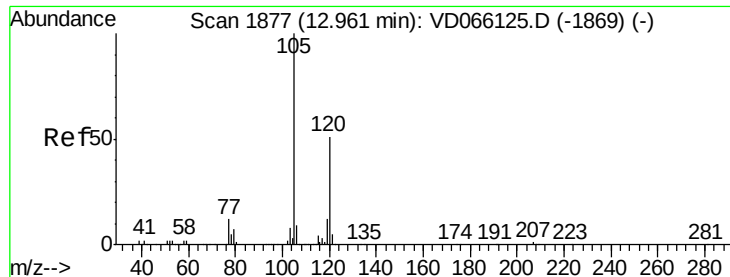
120 14.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.922 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066325.D

Acq: 19 Aug 2020 18:13

Instrument :

MSVOA_D

ClientSampleId :

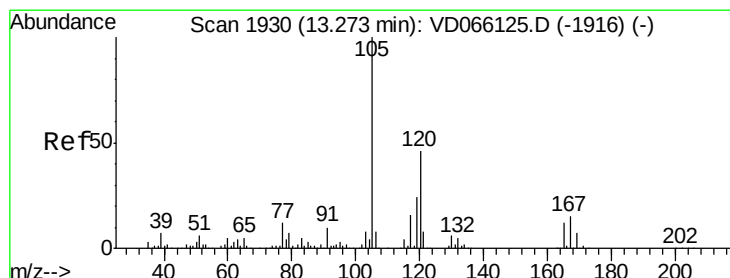
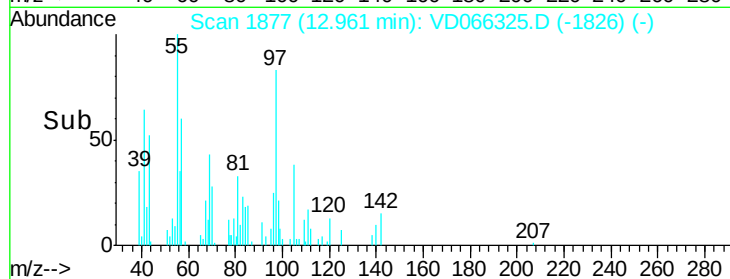
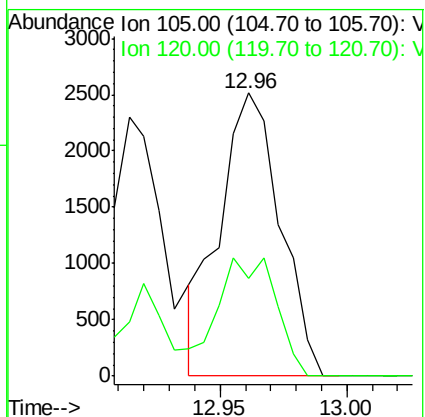
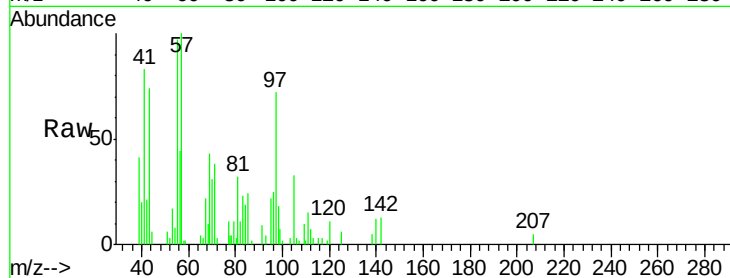
CHRT-26982

Tot Ion:105 Resp: 4170

Ion Ratio Lower Upper

105 100

120 39.9 25.3 75.8



#84

1,2,4-Trimethylbenzene

Concen: 3.187 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066325.D

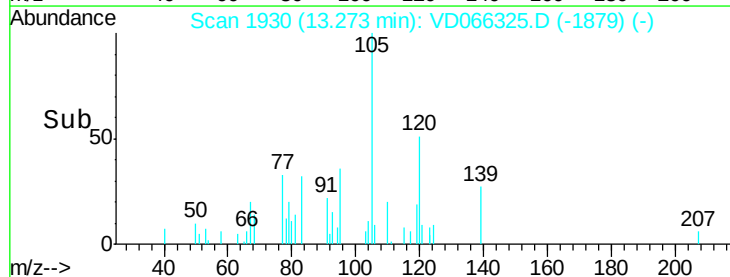
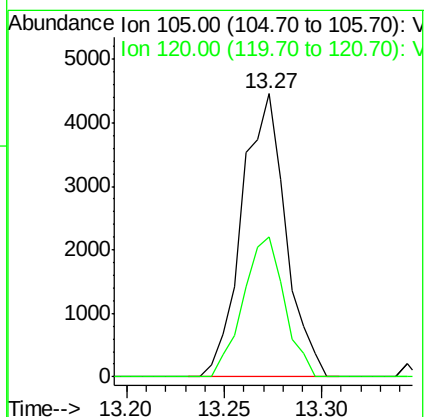
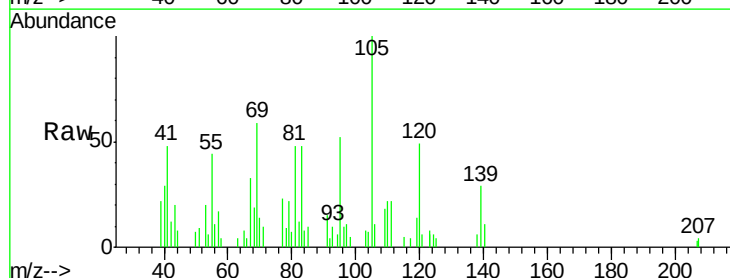
Acq: 19 Aug 2020 18:13

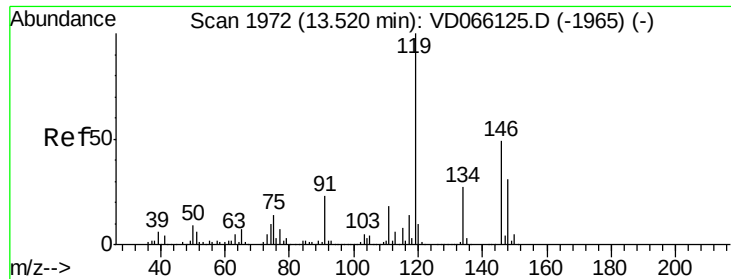
Tgt Ion:105 Resp: 6921

Ion Ratio Lower Upper

105 100

120 46.6 23.1 69.2





#86
 p-Isopropyltoluene
 Concen: 5.125 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066325.D
 Acq: 19 Aug 2020 18:13

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26982

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.4
91	29.3	11.2	33.5

