

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016107.D
 Acq On : 18 May 2020 17:22
 Operator : SY/MD
 Sample : L2655-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F21

Manual Integrations
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Quant Time: May 19 06:13:40 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M

Quant Title : VOC Analysis

QLast Update : Tue May 19 04:04:01 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	253465	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127355	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96779	52.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.90%
7) Chloroethane-d5	1.58	69	88160	54.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.74%
11) 1,1-Dichloroethene-d2	2.13	63	142555	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.50%
21) 2-Butanone-d5	3.93	46	129897	117.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.82%
24) Chloroform-d	4.38	84	179771	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	5.06	65	137419	57.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.24%
32) Benzene-d6	5.08	84	377888	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.98%
36) 1,2-Dichloropropane-d6	6.10	67	121174	55.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.46%
41) Toluene-d8	7.34	98	351808	54.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.72%
43) trans-1,3-Dichloropropene-	7.64	79	56210	51.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.18%
47) 2-Hexanone-d5	8.12	63	83440	116.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147177	53.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	140311m	55.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.42%

Target Compounds

					Ovalue
13) Acetone	2.22	43	4920	4.584 ug/L	# 46
25) Chloroform	4.41	83	28127	7.965 ug/L	99
31) Carbon tetrachloride	4.86	117	3602	1.345 ug/L	97
33) Benzene	5.13	78	616464	85.568 ug/L	100
51) Chlorobenzene	8.90	112	2690825	533.269 ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	202090	51.090 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1504229	371.888 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	1908883	478.050 ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	364070	148.428 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	103955	41.826 ug/L	99

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

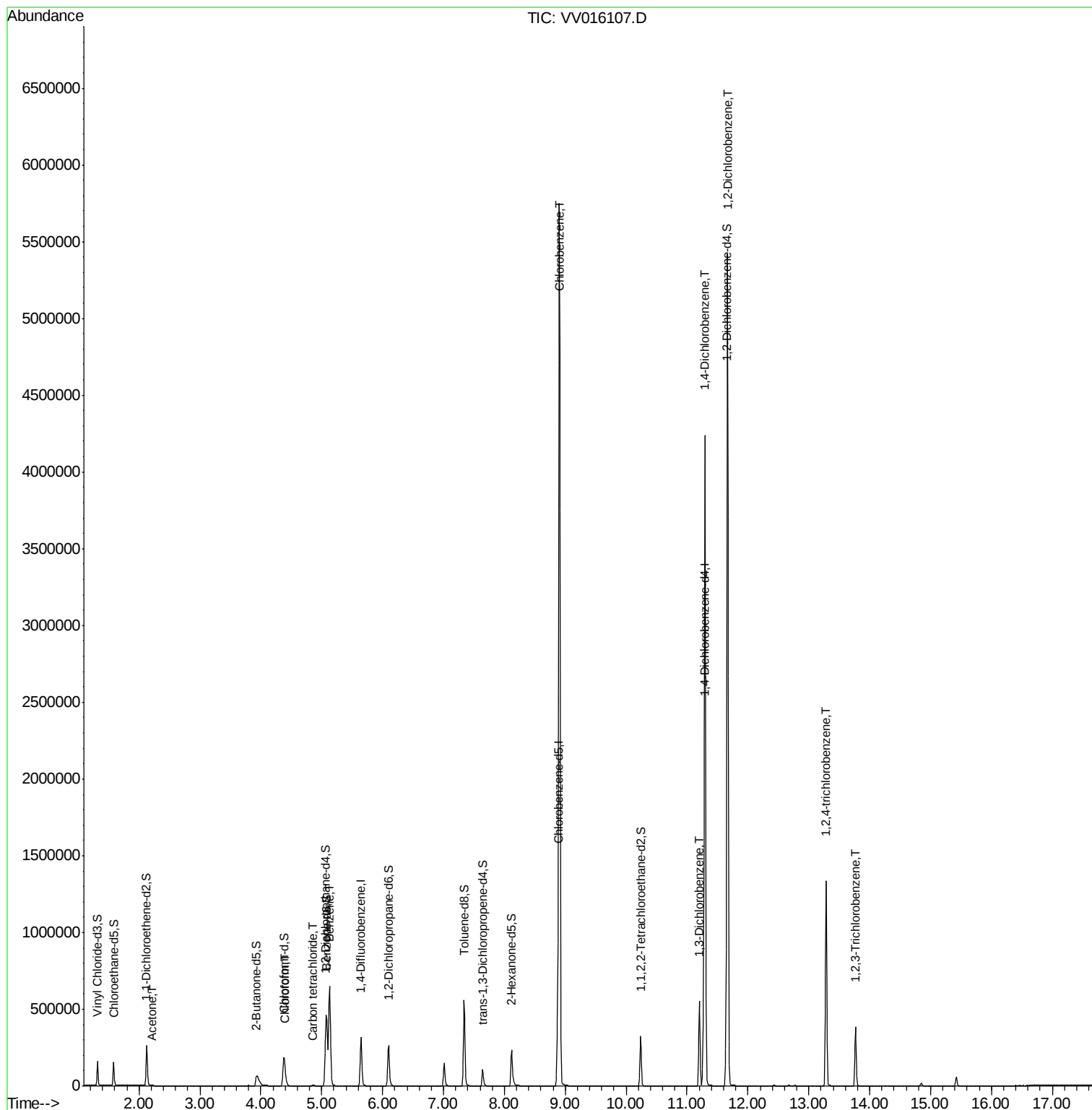
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051820\
Data File : VV016107.D
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Operator : SY/MD
Sample : L2655-03
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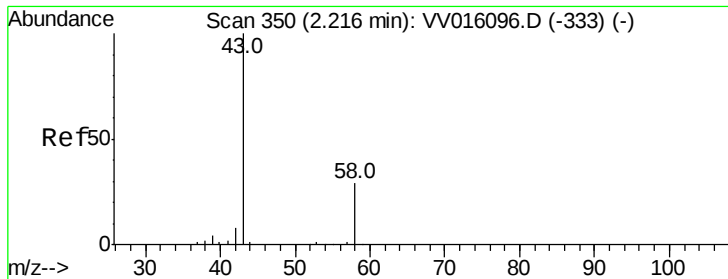
Instrument :
MSVOA_V
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Quant Time: May 19 06:13:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 19 04:04:01 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.584 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV016107.D

Acq: 18 May 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

C0F21

Tot Ion: 43 Resp: 4920

Ion Ratio Lower Upper

43 100

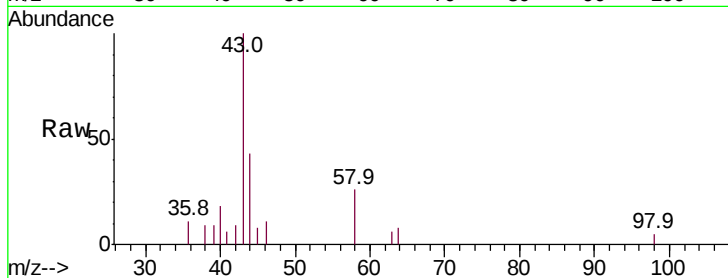
58 0.0 0.0 57.8

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Abundance Ion 43.00 (42.70 to 43.70): VV016107.D (-333) (-)

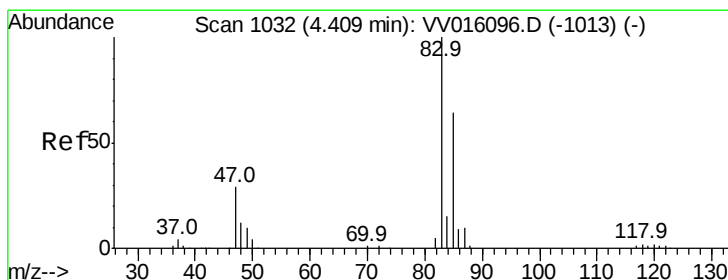
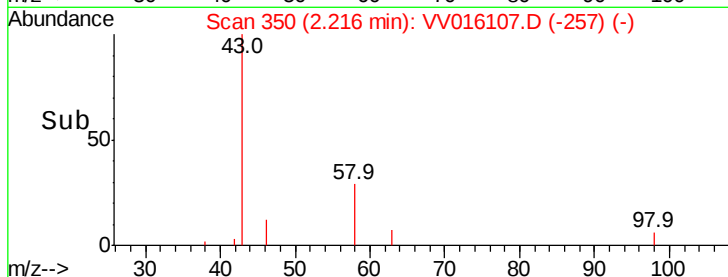
Ion 58.00 (57.70 to 58.70): VV016107.D (-333) (-)

2.22

2.25

2.30

Time-->



#25

Chloroform

Concen: 7.965 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VV016107.D

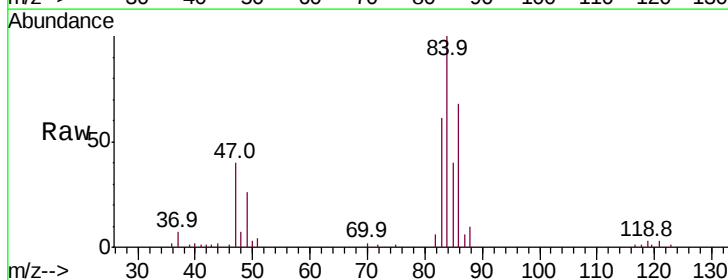
Acq: 18 May 2020 17:22

Tgt Ion: 83 Resp: 28127

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV016107.D (-939) (-)

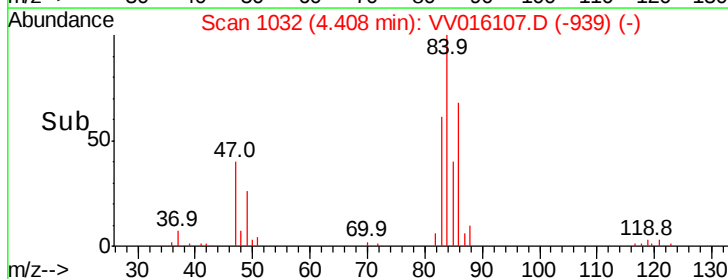
Ion 85.00 (84.70 to 85.70): VV016107.D (-939) (-)

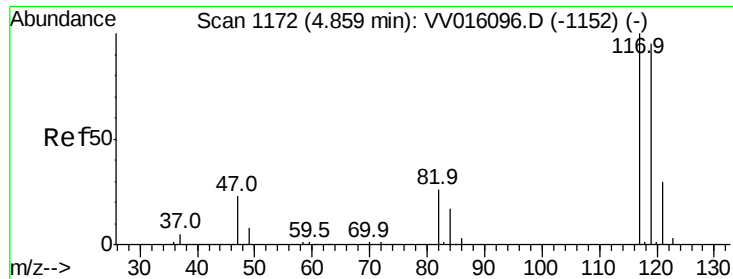
4.41

4.45

4.50

Time-->





#31

Carbon tetrachloride

Concen: 1.345 ug/L

RT: 4.86 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV016107.D

Acq: 18 May 2020 17:22

Instrument :

MSVOA_V

ClientSampleId :

C0F21

Tot Ion:117 Resp: 3602

Ion Ratio Lower Upper

117 100

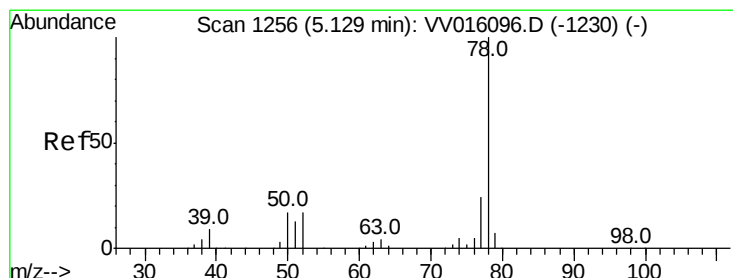
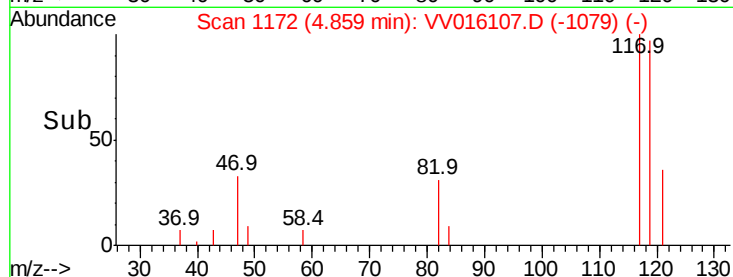
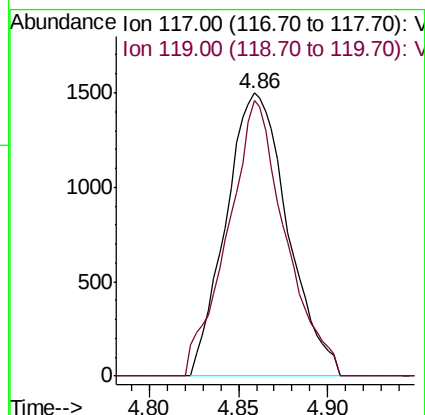
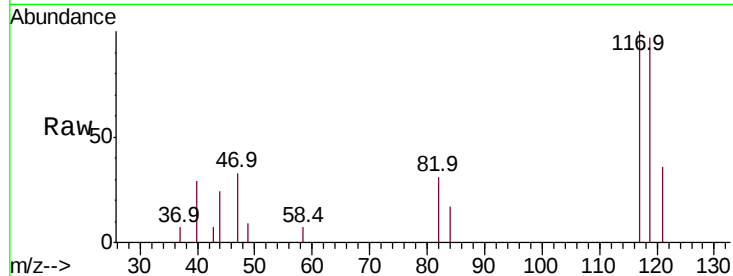
119 91.3 75.7 113.5

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#33

Benzene

Concen: 85.568 ug/L

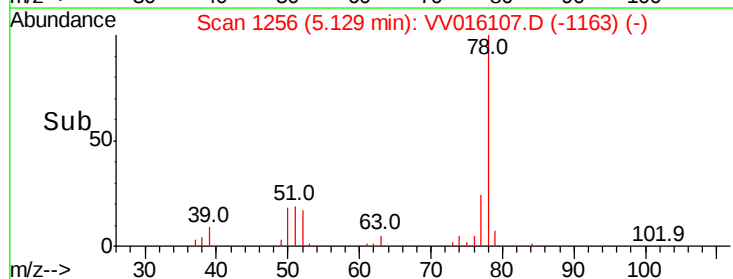
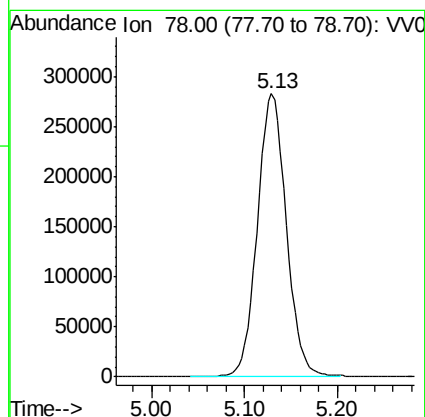
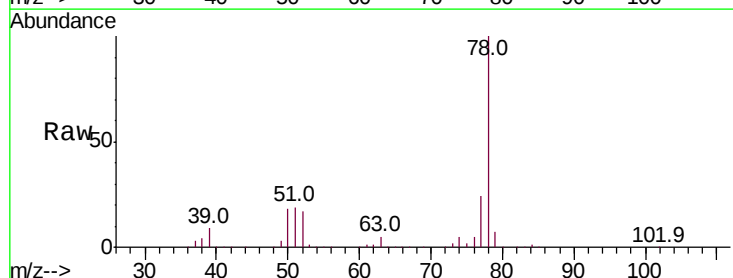
RT: 5.13 min Scan# 1256

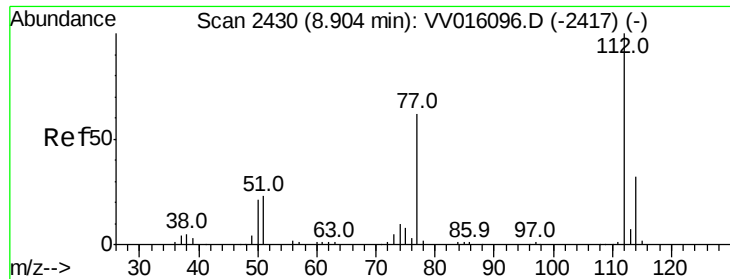
Delta R.T. -0.00 min

Lab File: VV016107.D

Acq: 18 May 2020 17:22

Tgt Ion: 78 Resp: 616464





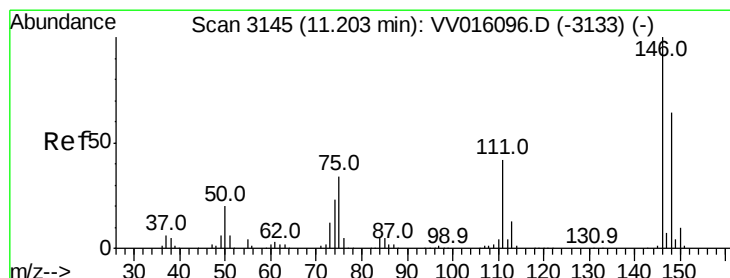
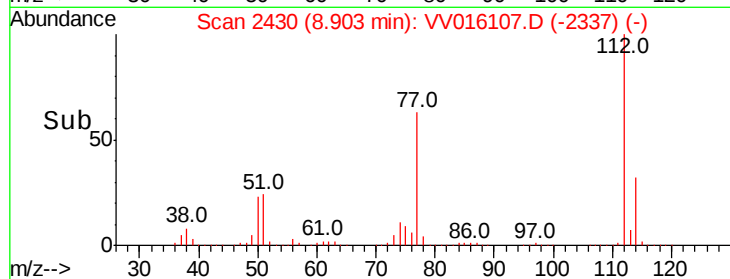
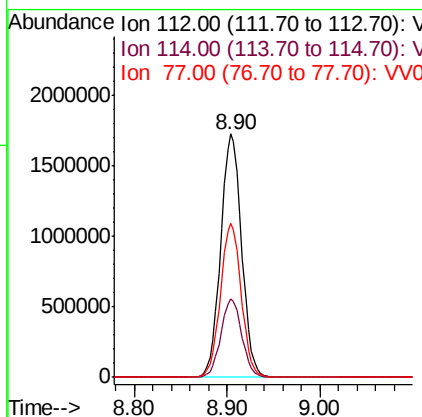
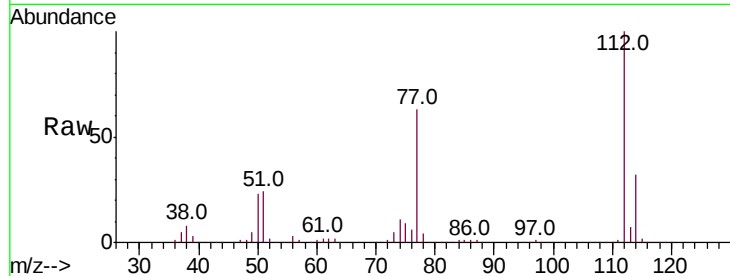
#51
Chlorobenzene
Concen: 533.269 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016107.D
Acq: 18 May 2020 17:22

Instrument :
MSVOA_V
ClientSampleId :
C0F21

Tot Ion:112 Resp: 2690825
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 63.3 50.4 75.6

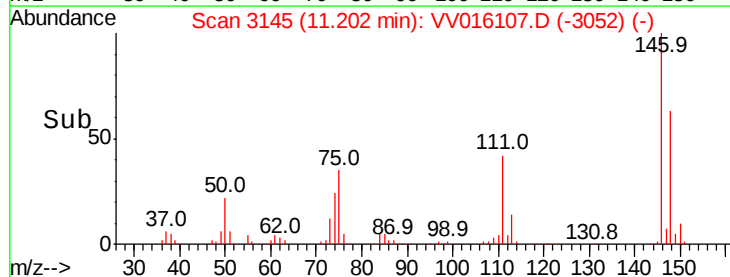
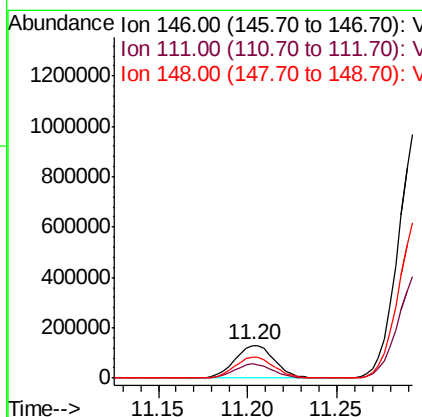
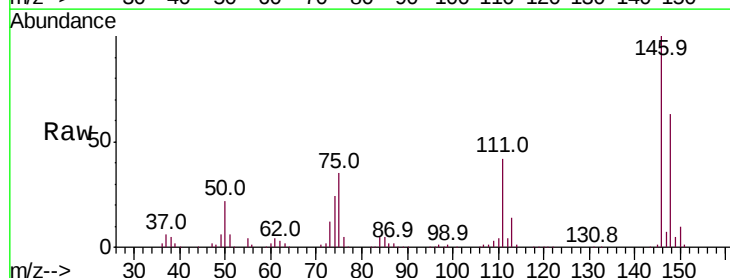
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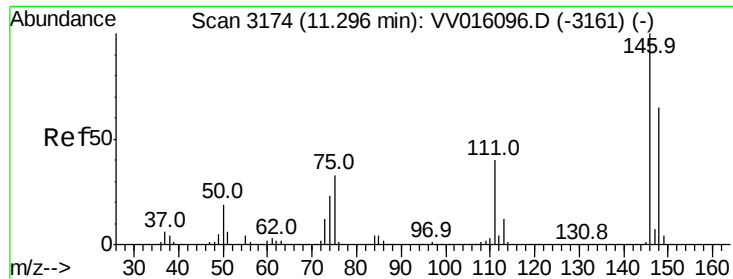
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#62
1,3-Dichlorobenzene
Concen: 51.090 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. -0.00 min
Lab File: VV016107.D
Acq: 18 May 2020 17:22

Tgt Ion:146 Resp: 202090
Ion Ratio Lower Upper
146 100
111 42.2 29.1 54.1
148 63.3 44.5 82.7





#63

1,4-Dichlorobenzene

Concen: 371.888 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016107.D

Acq: 18 May 2020 17:22

Instrument :

MSVOA_V

ClientSampled :

C0F21

Tot Ion:146 Resp: 1504229

Ion Ratio Lower Upper

146 100

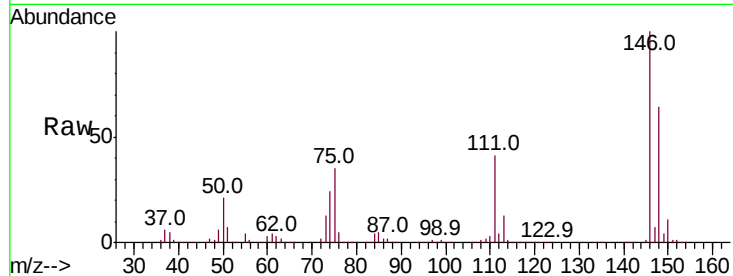
111 41.1 28.1 52.3

148 64.0 45.7 84.9

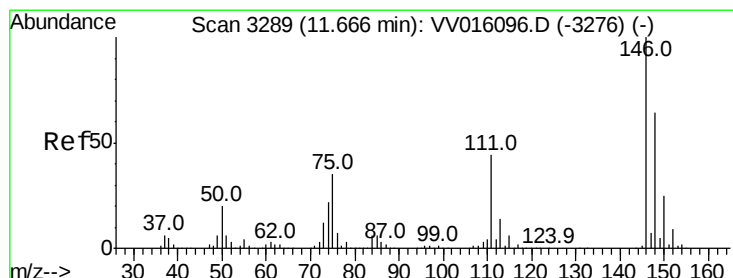
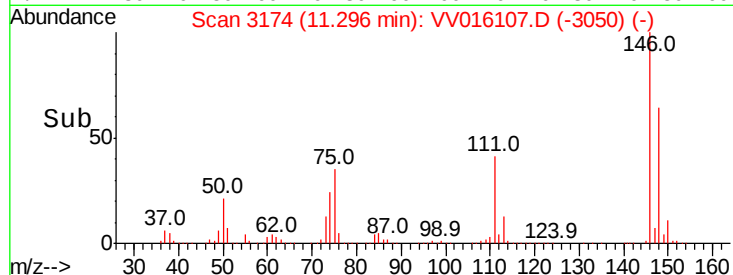
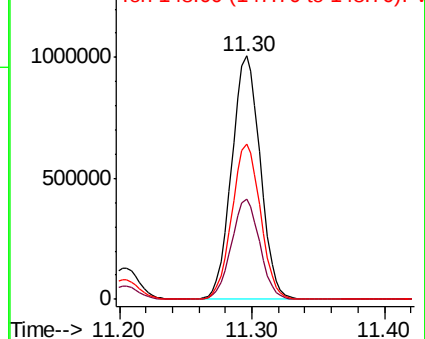
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 478.050 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV016107.D

Acq: 18 May 2020 17:22

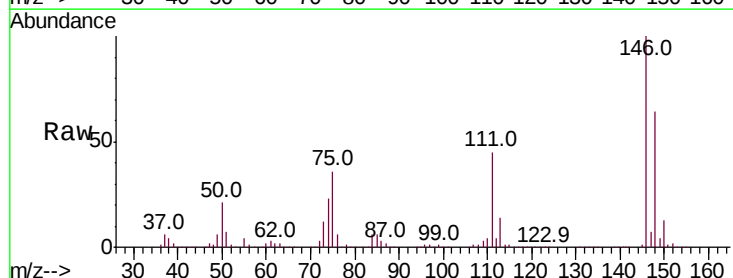
Tgt Ion:146 Resp: 1908883

Ion Ratio Lower Upper

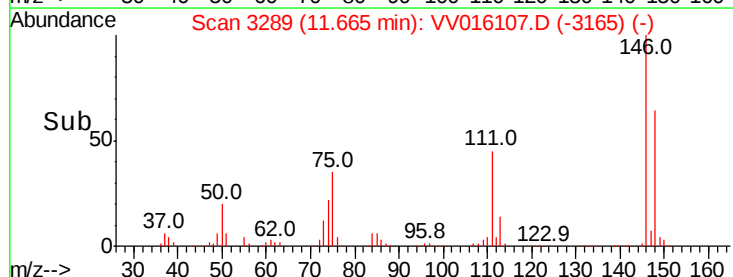
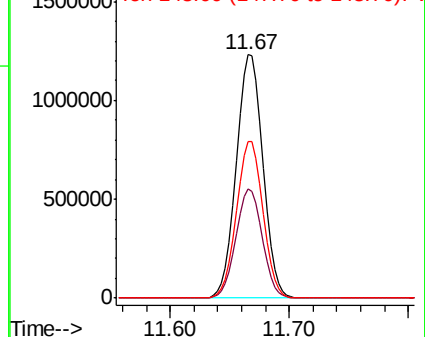
146 100

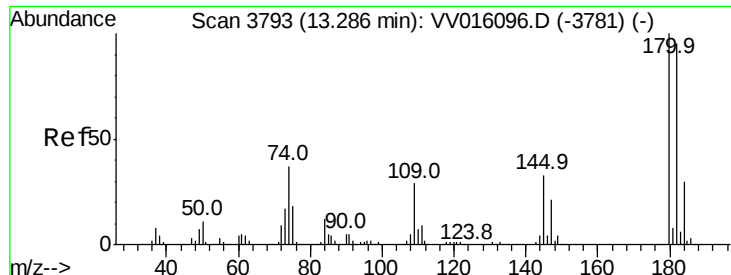
111 44.7 35.2 52.8

148 64.3 51.4 77.2



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





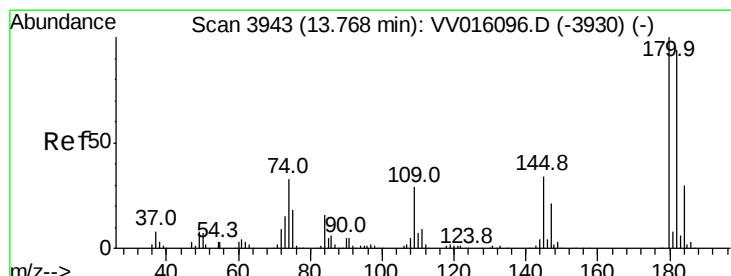
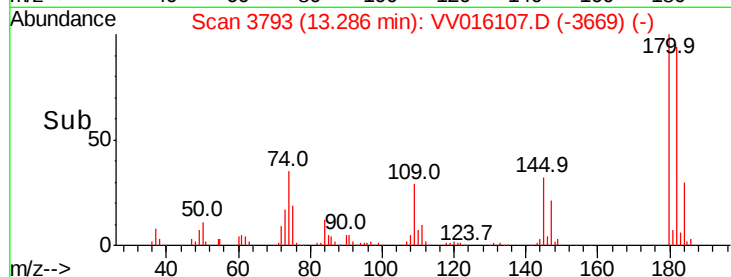
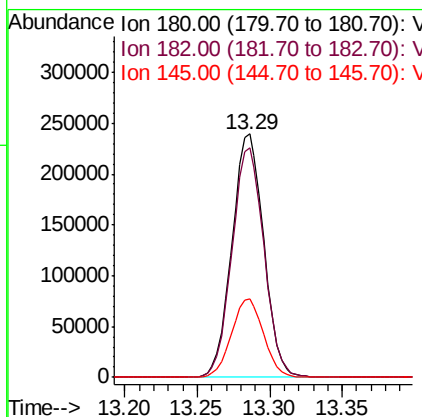
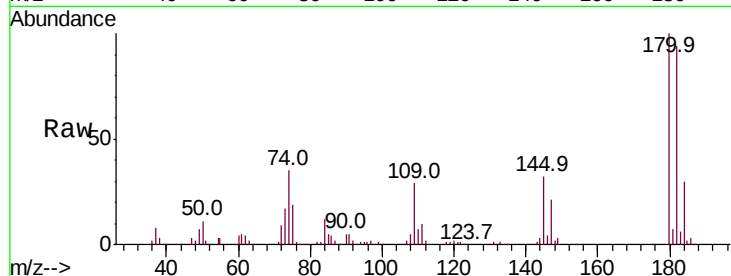
#68
 1,2,4-trichlorobenzene
 Concen: 148.428 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV016107.D
 Acq: 18 May 2020 17:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F21

Tot Ion	Ratio	Resp	Lower	Upper
180	100	364070		
182	94.7	76.2	114.4	
145	32.3	26.2	39.2	

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#70
 1,2,3-Trichlorobenzene
 Concen: 41.826 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV016107.D
 Acq: 18 May 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103955		
182	93.6	75.3	112.9	
145	34.6	27.4	41.0	

