

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042321\
 Data File : VW021125.D
 Acq On : 23 Apr 2021 17:26
 Operator : SY/MD
 Sample : M2144-05 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GH5

Manual Integrations
 APPROVED

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 4/26/2021 2:53:45 PM

Quant Time: Apr 24 03:46:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	695215	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	685291	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	365145	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	193299	33.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.68%		
7) Chloroethane-d5	1.571	69	165565	39.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.80%		
11) 1,1-Dichloroethene-d2	2.108	63	301822	28.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.30%#		
21) 2-Butanone-d5	3.918	46	269625	96.65	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.65%		
24) Chloroform-d	4.352	84	422149	41.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.90%		
26) 1,2-Dichloroethane-d4	5.037	65	301687	46.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.20%		
32) Benzene-d6	5.053	84	764169	41.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.74%		
36) 1,2-Dichloropropane-d6	6.075	67	237863	43.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.32%		
41) Toluene-d8	7.320	98	713588	40.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.80%		
43) trans-1,3-Dichloroprop...	7.625	79	122123	41.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.04%		
47) 2-Hexanone-d5	8.095	63	227284	105.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.19%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	368963	44.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.80%		
66) 1,2-Dichlorobenzene-d4	11.631	152	336066m	46.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.18%		
Target Compounds						Qvalue
16) Methylene chloride	2.513	84	6328	1.22	ug/L	94
25) Chloroform	4.381	83	14255m	1.47	ug/L	
33) Benzene	5.101	78	997856	52.23	ug/L	100
51) Chlorobenzene	8.886	112	5561650	385.60	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	276250	25.41	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	2265372	202.79	ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	2850277	253.93	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	408503	58.93	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	101503	14.35	ug/L	98

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

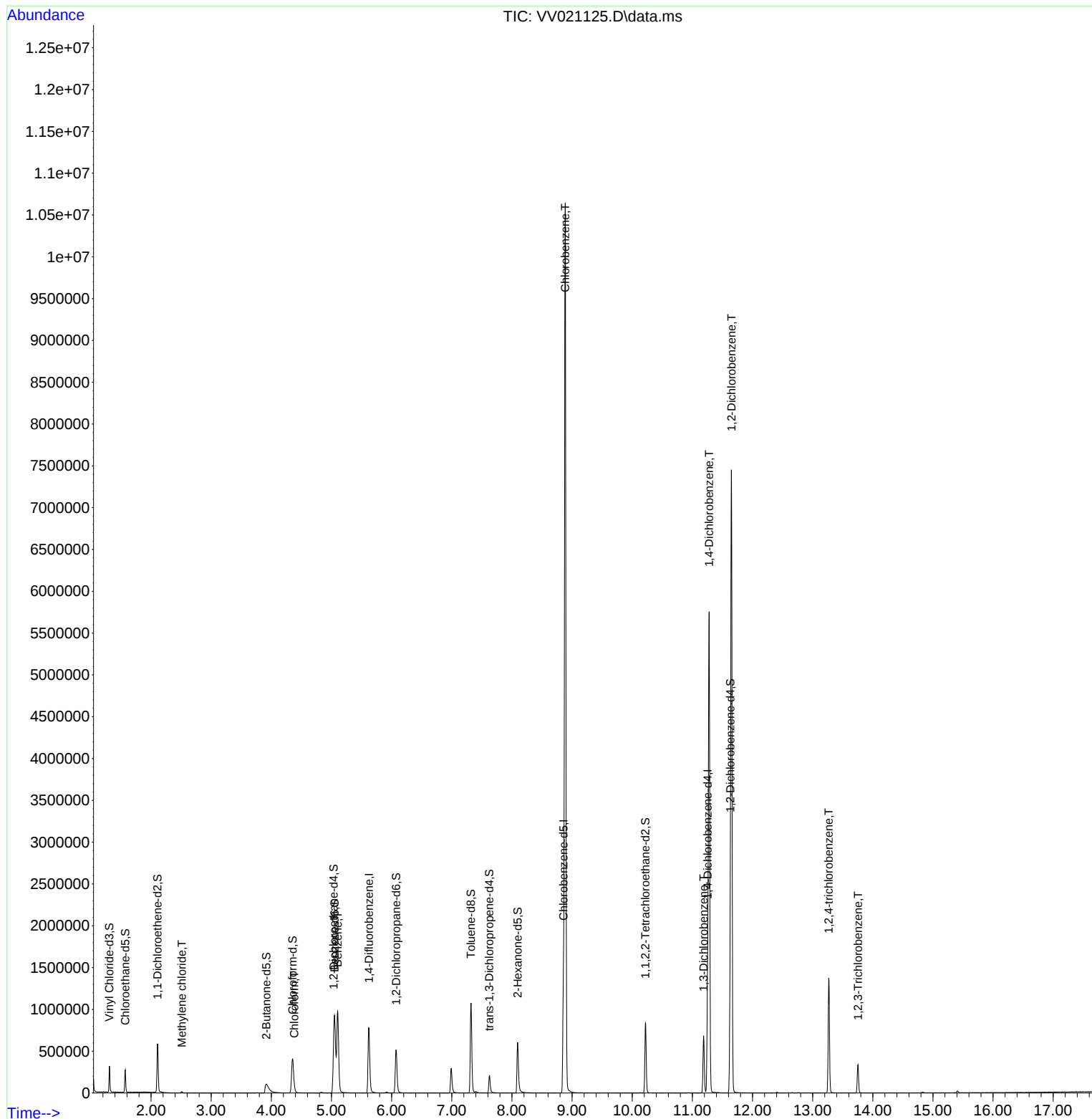
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
Data File : VV021125.D
Acq On : 23 Apr 2021 17:26
Operator : SY/MD
Sample : M2144-05 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

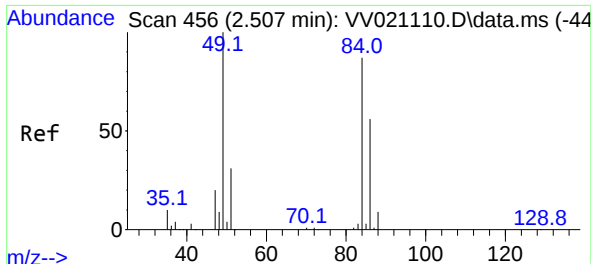
Instrument :
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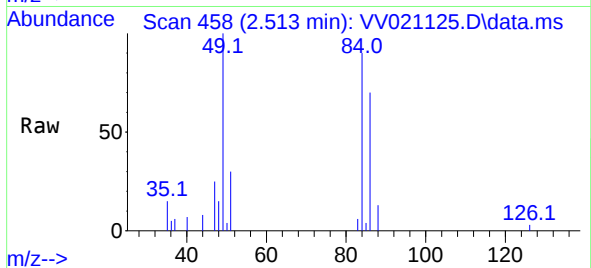
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 24 03:42:40 2021
Response via : Initial Calibration





#16
Methylene chloride
Concen: 1.22 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.006 min
Lab File: VV021125.D
Acq: 23 Apr 2021 17:26

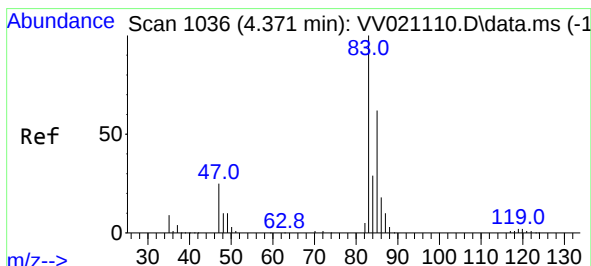
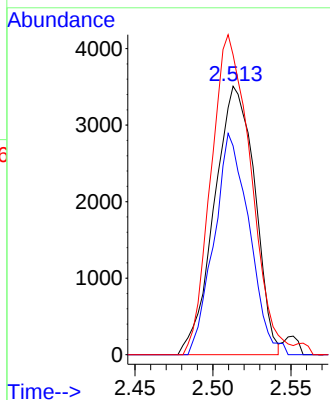
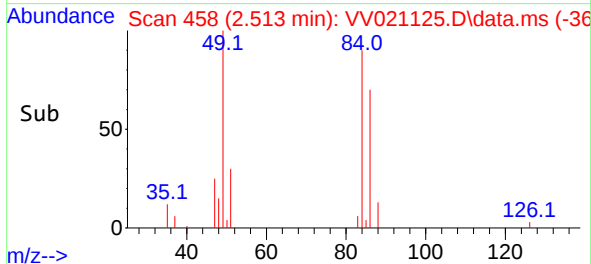
Instrument :
MSVOA_V
ClientSampleId :
C0GH5



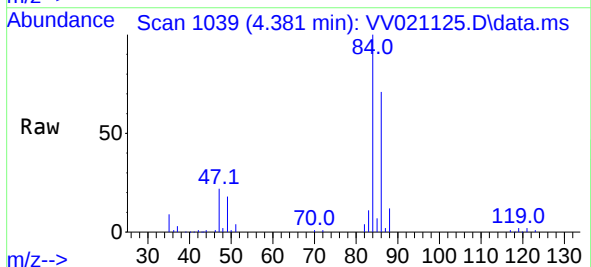
Tgt Ion: 84 Resp: 6328
Ion Ratio Lower Upper
84 100
86 77.7 44.9 83.5
49 111.7 78.1 145.1

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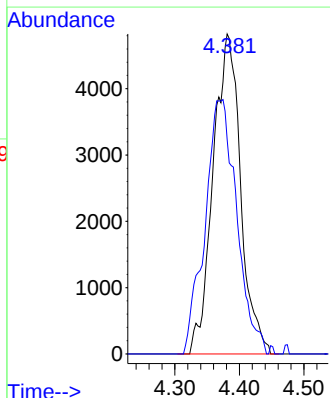
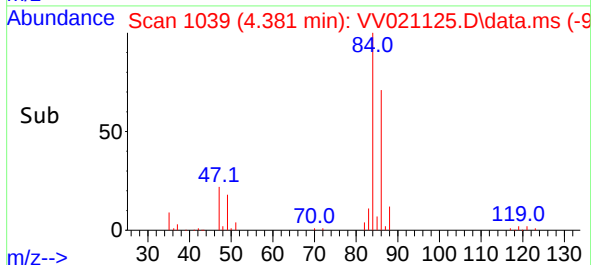
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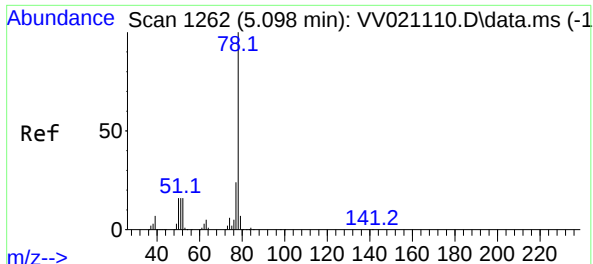


#25
Chloroform
Concen: 1.47 ug/L m
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV021125.D
Acq: 23 Apr 2021 17:26



Tgt Ion: 83 Resp: 14255
Ion Ratio Lower Upper
83 100
85 67.0 45.6 84.6





#33

Benzene

Concen: 52.23 ug/L

RT: 5.101 min Scan# 1263

Delta R.T. 0.003 min

Lab File: VV021125.D

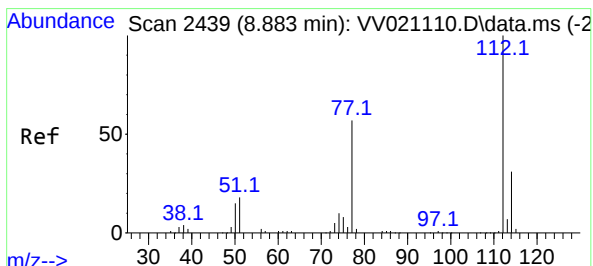
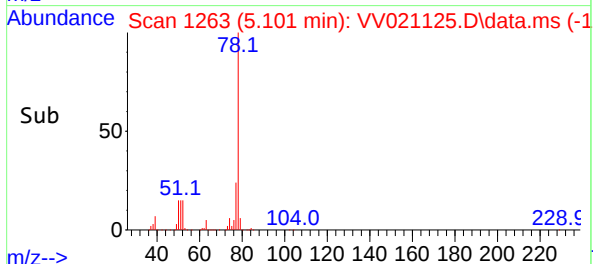
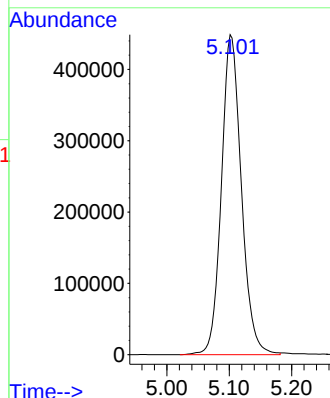
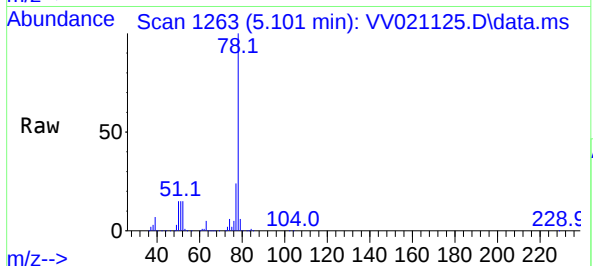
Acq: 23 Apr 2021 17:26

Tgt Ion: 78 Resp: 997856

Instrument :
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#51

Chlorobenzene

Concen: 385.60 ug/L

RT: 8.886 min Scan# 2440

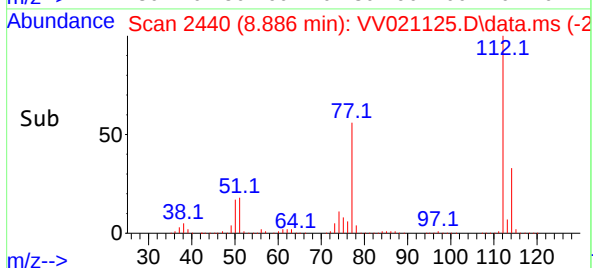
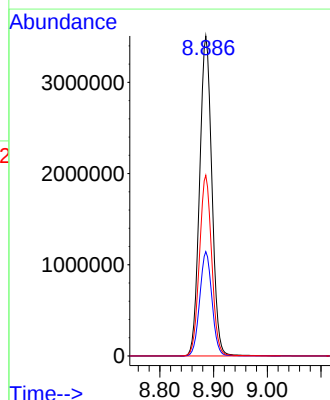
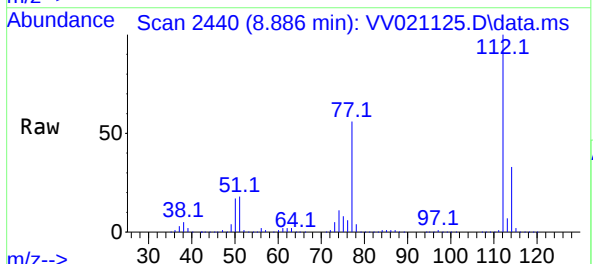
Delta R.T. 0.003 min

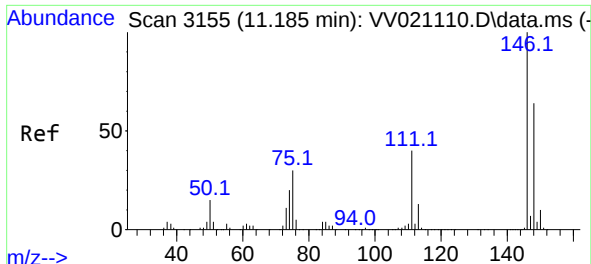
Lab File: VV021125.D

Acq: 23 Apr 2021 17:26

Tgt Ion: 112 Resp: 5561650

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.8	42.4
77	56.5	44.2	66.2





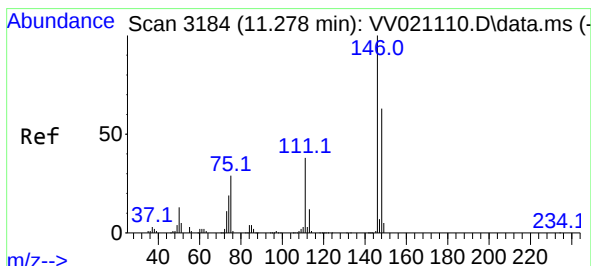
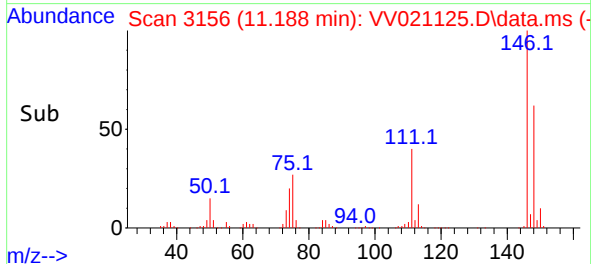
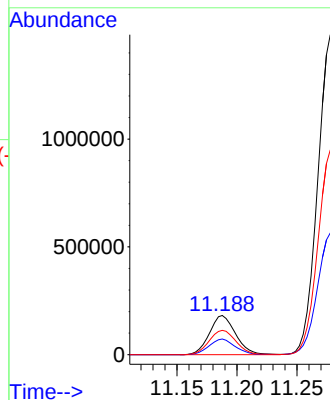
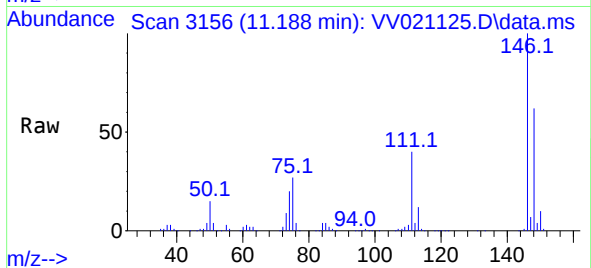
#64
1,3-Dichlorobenzene
Concen: 25.41 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021125.D
Acq: 23 Apr 2021 17:26

Tgt Ion:146 Resp: 276250
Ion Ratio Lower Upper
146 100
111 39.9 27.6 51.2
148 62.3 45.1 83.7

Instrument :
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ClientSampled :
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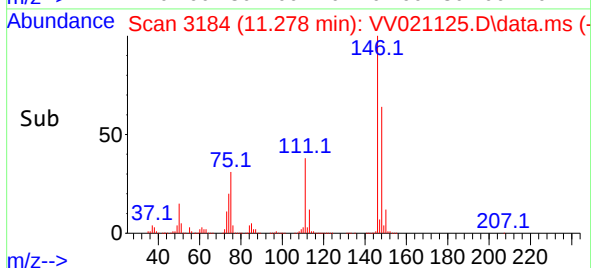
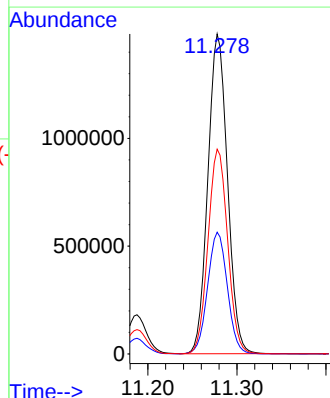
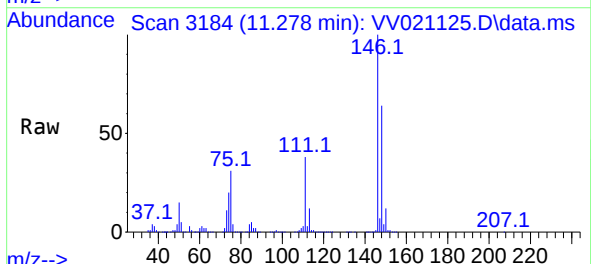
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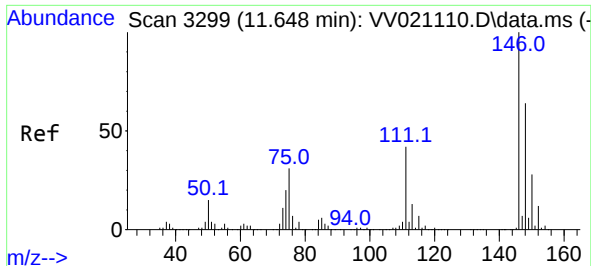
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#65
1,4-Dichlorobenzene
Concen: 202.79 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021125.D
Acq: 23 Apr 2021 17:26

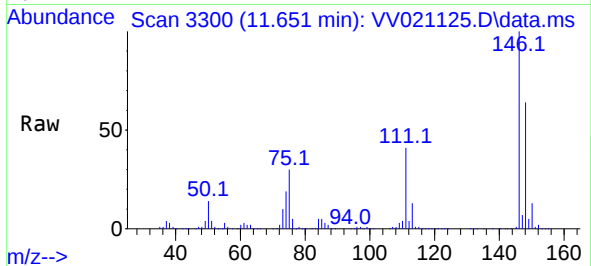
Tgt Ion:146 Resp: 2265372
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 64.0 44.7 82.9





#67
1,2-Dichlorobenzene
Concen: 253.93 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021125.D
Acq: 23 Apr 2021 17:26

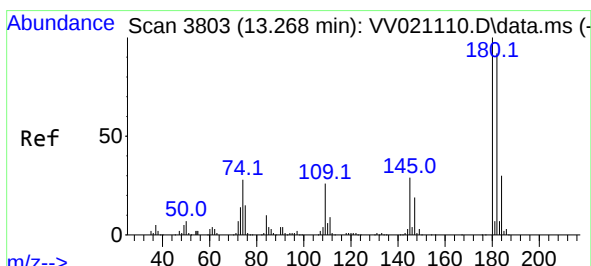
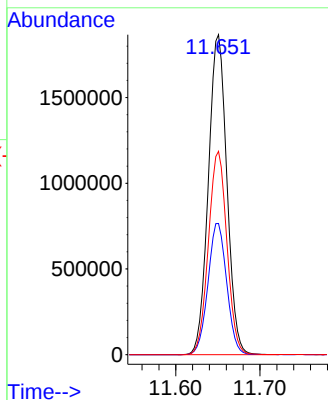
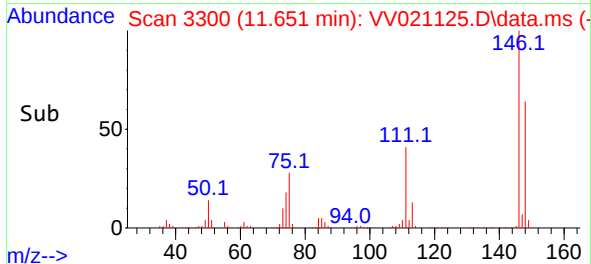
Instrument :
MSVOA_V
ClientSampleId :
C0GH5



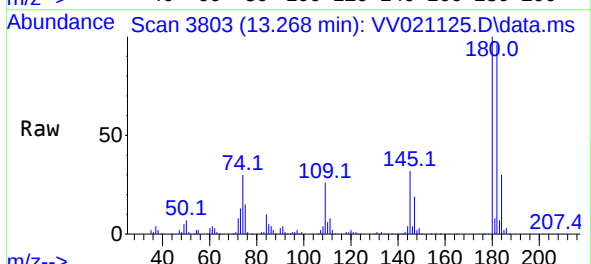
Tgt Ion:146 Resp: 2850277
Ion Ratio Lower Upper
146 100
111 41.0 33.2 49.8
148 63.6 50.6 75.8

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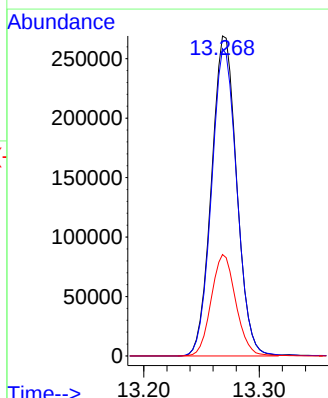
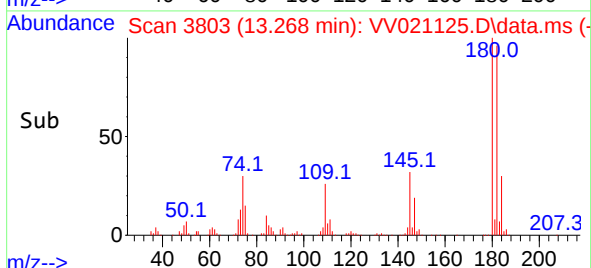
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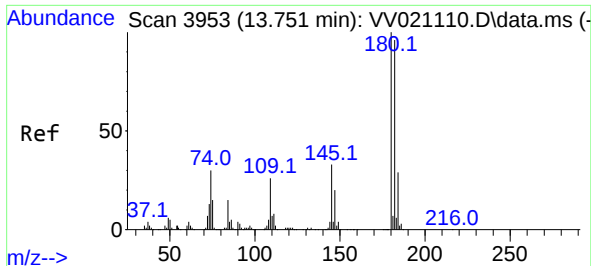


#70
1,2,4-trichlorobenzene
Concen: 58.93 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021125.D
Acq: 23 Apr 2021 17:26

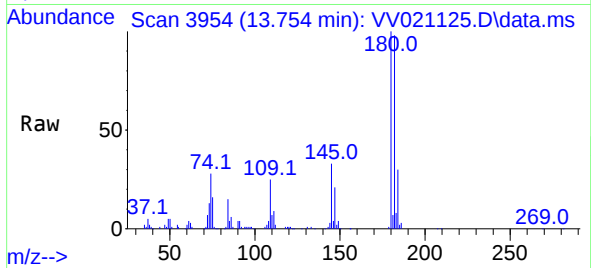


Tgt Ion:180 Resp: 408503
Ion Ratio Lower Upper
180 100
182 96.4 77.5 116.3
145 31.0 24.3 36.5

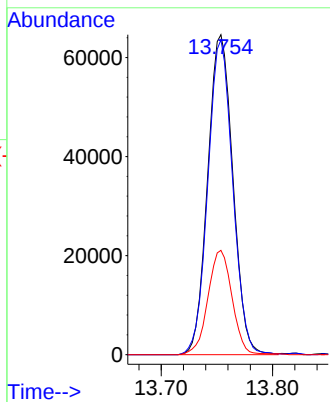
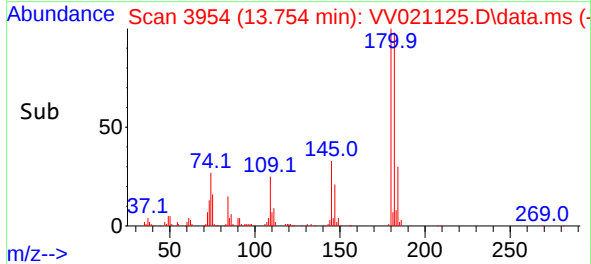




#72
 1,2,3-Trichlorobenzene
 Concen: 14.35 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.003 min
 Lab File: VV021125.D
 Acq: 23 Apr 2021 17:26



Tgt Ion:180 Resp: 101503
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.9 113.9
 145 31.2 25.0 37.6



Instrument :
 MSVOA_V
 ClientSampleId :
 C0GH5

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