

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035338.D
 Acq On : 22 Apr 2024 17:12
 Operator : SY/MD
 Sample : P2158-11DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:32:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

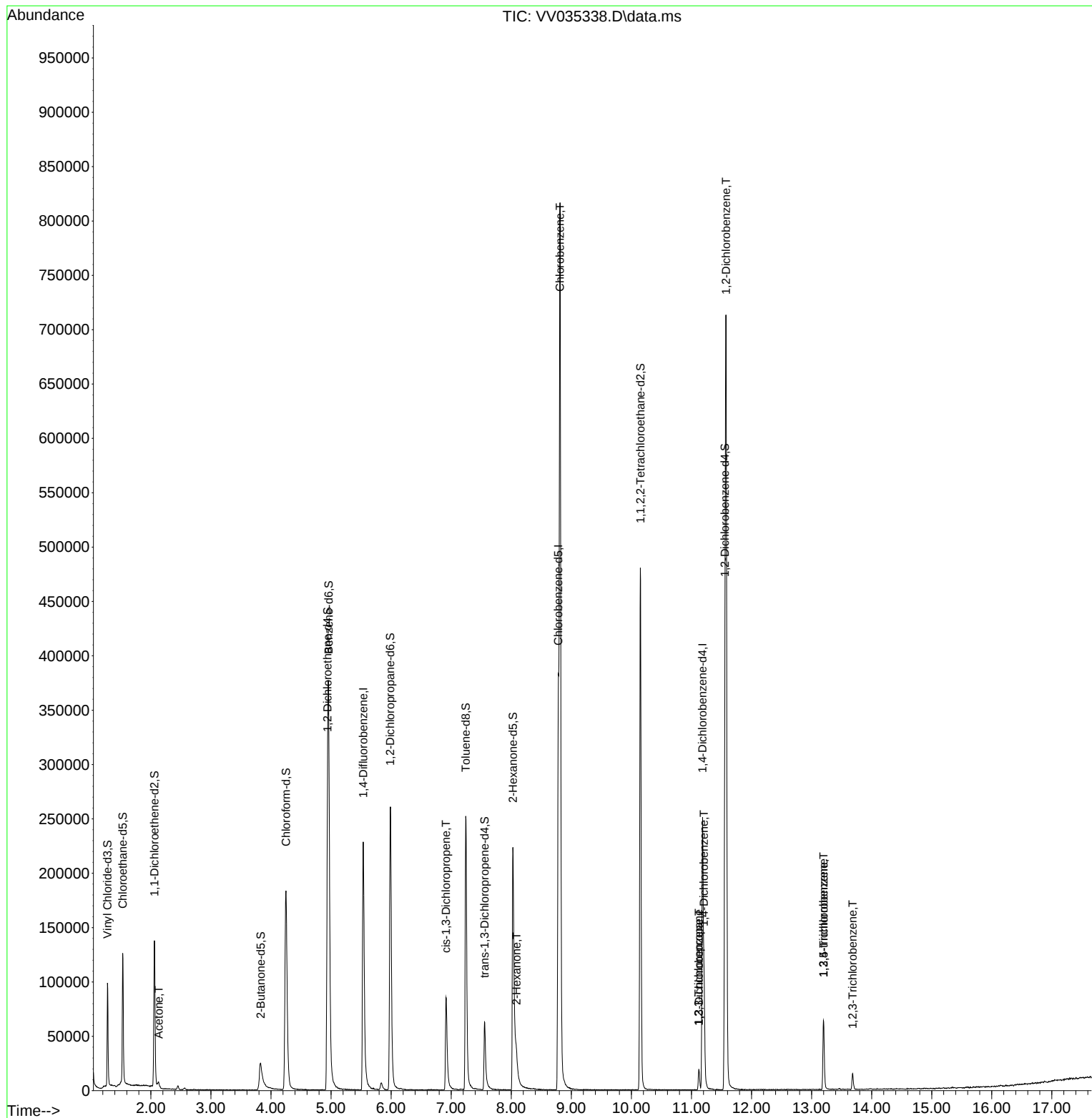
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	206888	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	184884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	65670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	62557	31.309	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.620%		
7) Chloroethane-d5	1.532	69	76774	44.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.480%		
11) 1,1-Dichloroethene-d2	2.060	65	23255	26.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.100%#		
21) 2-Butanone-d5	3.828	46	31764	26.805	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	26.810%#		
24) Chloroform-d	4.249	84	201981	60.125	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	120.260%		
26) 1,2-Dichloroethane-d4	4.941	65	153303	71.878	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	143.760%#		
32) Benzene-d6	4.960	84	315530	50.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.620%		
36) 1,2-Dichloropropane-d6	5.986	67	136546	69.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	138.480%#		
41) Toluene-d8	7.243	98	182947	32.710	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	65.420%#		
43) trans-1,3-Dichloroprop...	7.558	79	43215	45.076	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.160%		
47) 2-Hexanone-d5	8.027	63	75506	101.267	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.270%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	235536	86.731	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	173.460%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	83367	56.542	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.080%		
Target Compounds					Qvalue	
13) Acetone	2.134	43	4179	3.841	ug/L	97
39) cis-1,3-Dichloropropene	6.915	75	2351	0.896	ug/L #	73
48) 2-Hexanone	8.088	43	18295	10.112	ug/L #	84
51) Chlorobenzene	8.812	112	447776	109.460	ug/L	98
61) 1,2,3-Trichloropropane	11.120	75	2456	1.726	ug/L #	47
64) 1,3-Dichlorobenzene	11.124	146	8289	3.747	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	40891	18.175	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	261179	118.505	ug/L	98
69) 1,3,5-Trichlorobenzene	13.201	180	22179	13.910	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	22179	15.143	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	5162	3.575	ug/L	97

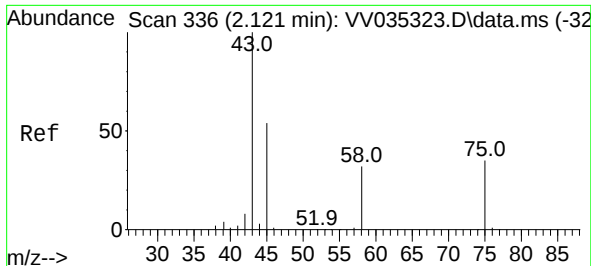
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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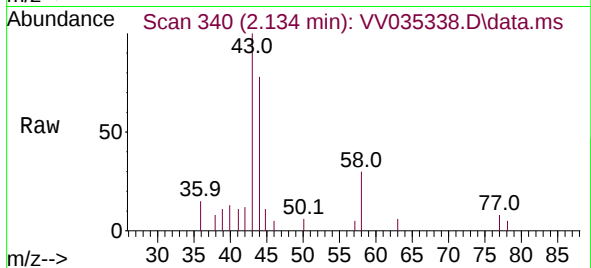
Quant Time: Apr 23 00:32:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
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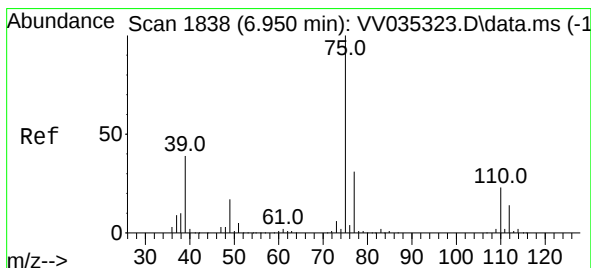
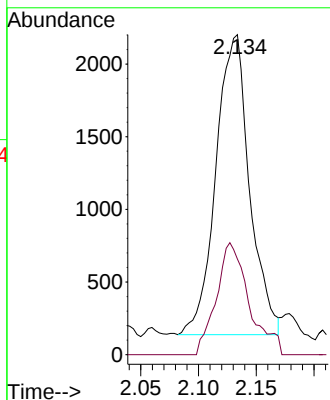
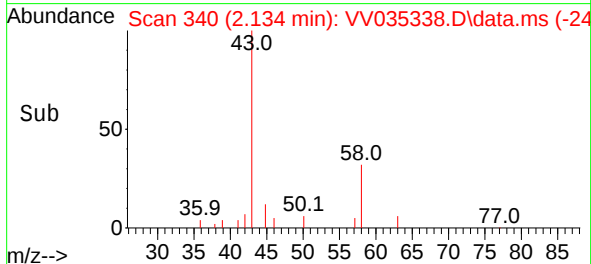


#13
Acetone
Concen: 3.841 ug/L
RT: 2.134 min Scan# 34
Delta R.T. 0.013 min
Lab File: VV035338.D
Acq: 22 Apr 2024 17:12

Instrument :
MSVOA_V
ClientSampleId :

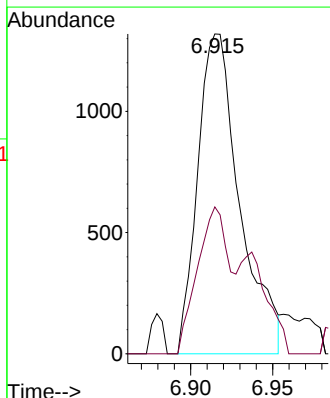
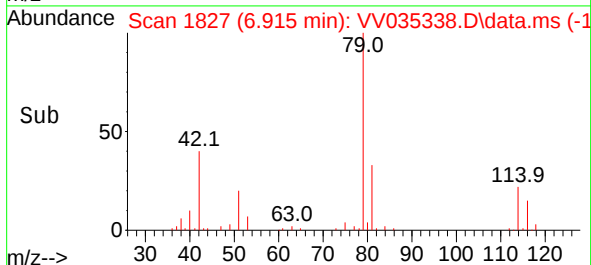
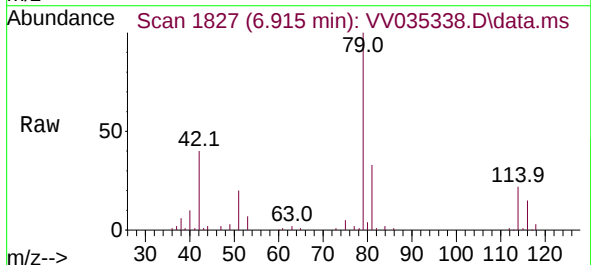


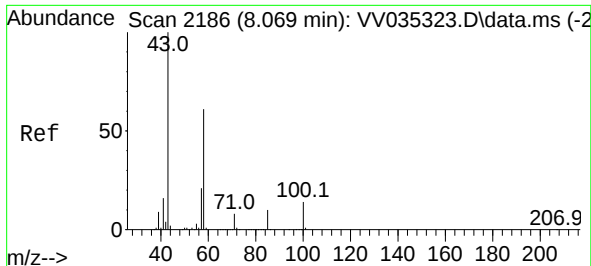
Tgt Ion: 43 Resp: 4179
Ion Ratio Lower Upper
43 100
58 34.5 0.0 66.0



#39
cis-1,3-Dichloropropene
Concen: 0.896 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.035 min
Lab File: VV035338.D
Acq: 22 Apr 2024 17:12

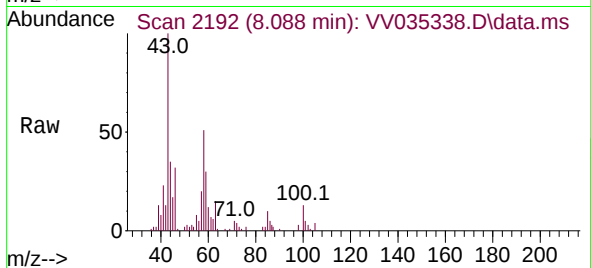
Tgt Ion: 75 Resp: 2351
Ion Ratio Lower Upper
75 100
77 45.9 21.9 40.7#



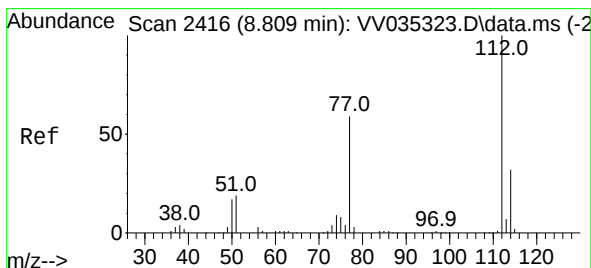
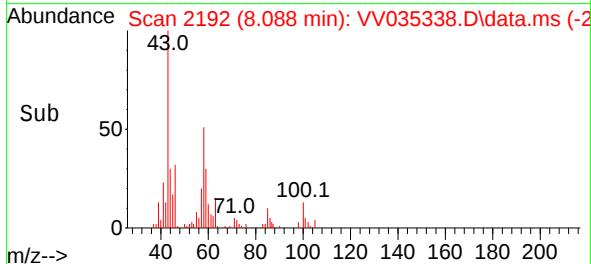
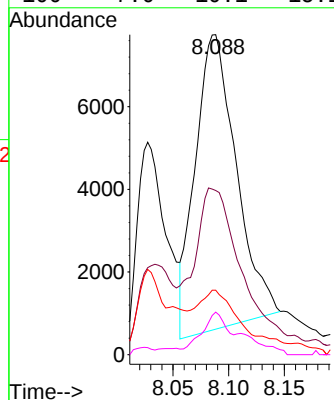


#48
2-Hexanone
Concen: 10.112 ug/L
RT: 8.088 min Scan# 2186
Delta R.T. 0.019 min
Lab File: VV035338.D
Acq: 22 Apr 2024 17:12

Instrument :
MSVOA_V
ClientSampleId :

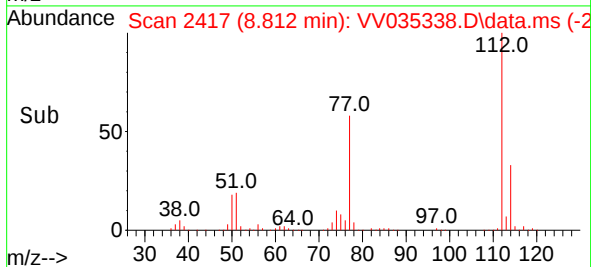
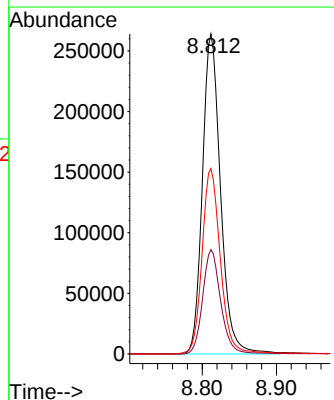
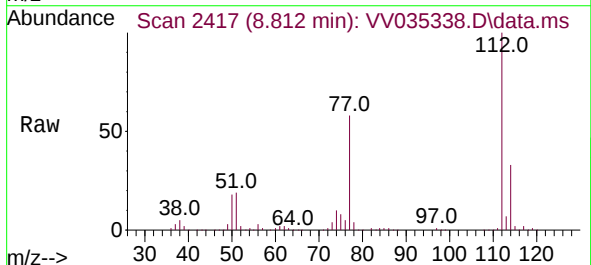


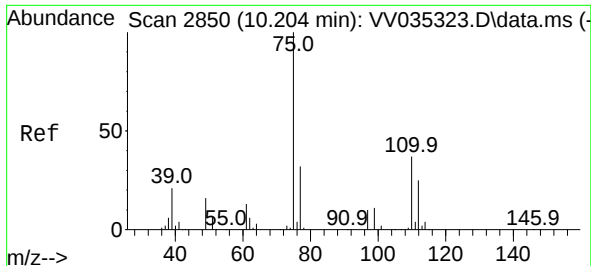
Tgt	Ion: 43	Resp:	18295
Ion	Ratio	Lower	Upper
43	100		
58	51.8	45.4	68.2
57	0.0	16.2	24.4#
100	7.0	10.1	15.1#



#51
Chlorobenzene
Concen: 109.460 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035338.D
Acq: 22 Apr 2024 17:12

Tgt Ion:112	Resp: 447776		
Ion Ratio	Lower	Upper	
112 100			
114 32.6	22.0	41.0	
77 57.9	47.4	71.2	





#61

1,2,3-Trichloropropane

Concen: 1.726 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.916 min

Lab File: VV035338.D

Acq: 22 Apr 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

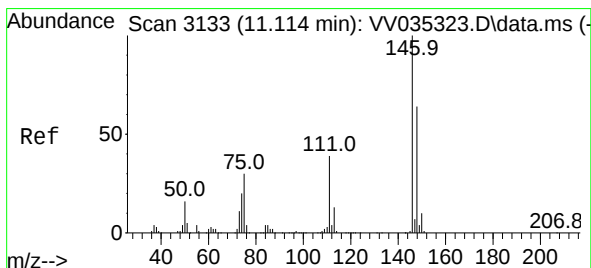
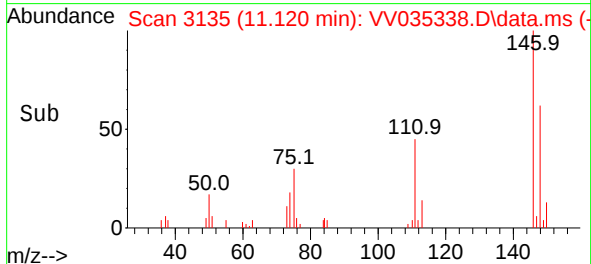
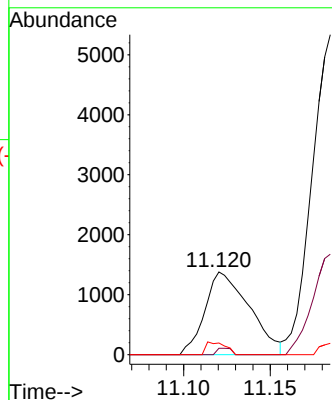
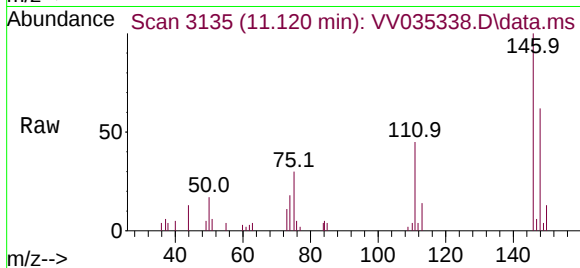
Tgt Ion: 75 Resp: 2456

Ion Ratio Lower Upper

75 100

77 2.4 26.0 39.0#

110 6.7 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 3.747 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.010 min

Lab File: VV035338.D

Acq: 22 Apr 2024 17:12

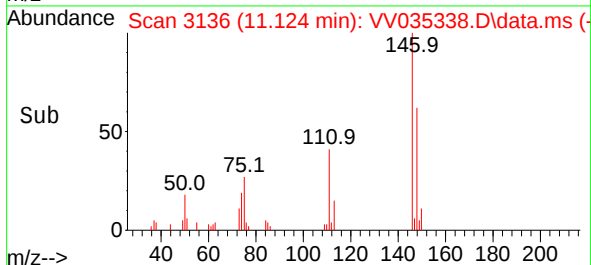
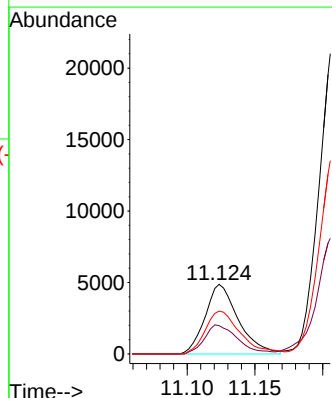
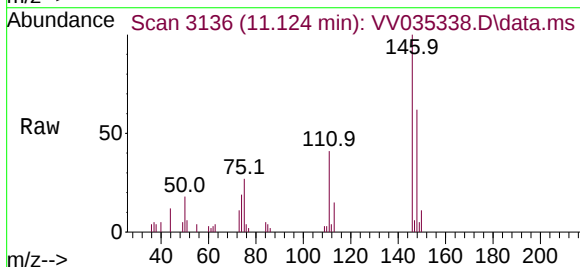
Tgt Ion:146 Resp: 8289

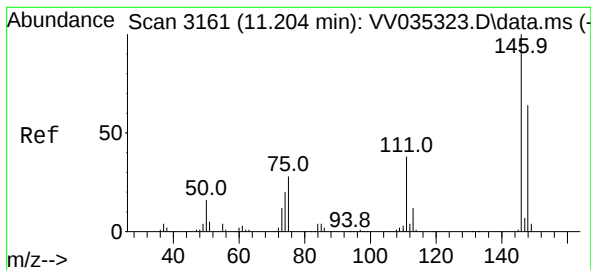
Ion Ratio Lower Upper

146 100

111 40.6 28.7 53.3

148 61.7 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 18.175 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV035338.D

Acq: 22 Apr 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

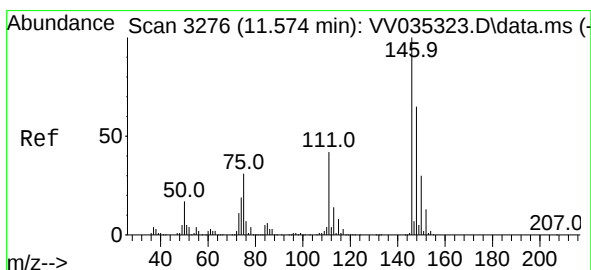
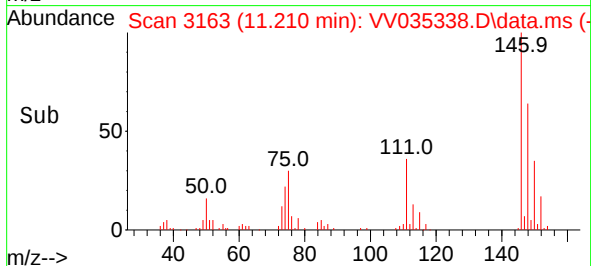
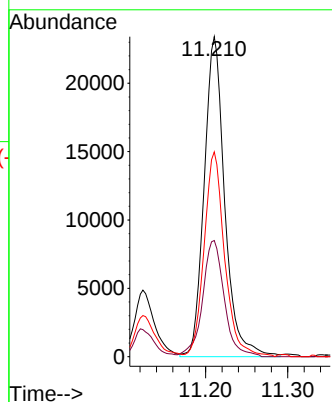
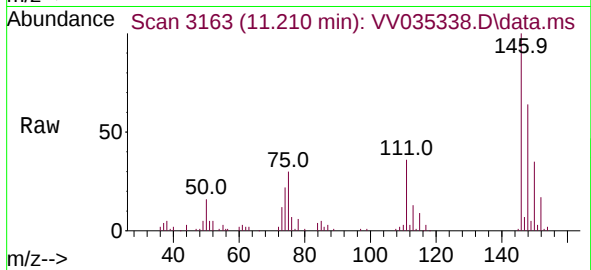
Tgt Ion:146 Resp: 40891

Ion Ratio Lower Upper

146 100

111 36.3 27.4 50.8

148 64.0 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 118.505 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035338.D

Acq: 22 Apr 2024 17:12

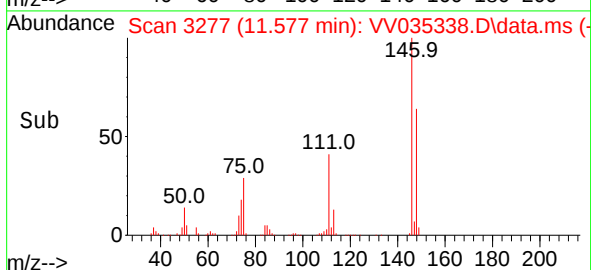
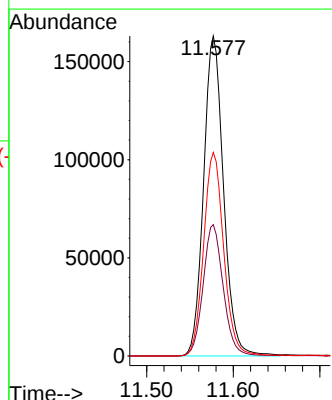
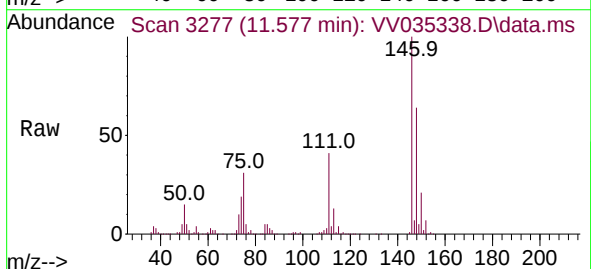
Tgt Ion:146 Resp: 261179

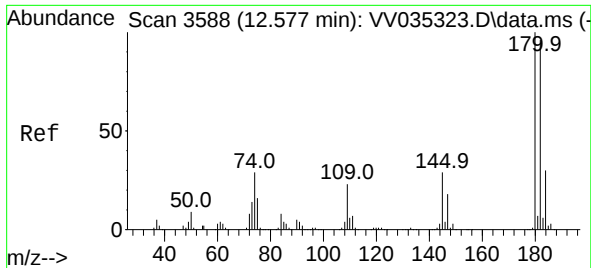
Ion Ratio Lower Upper

146 100

111 41.1 34.6 52.0

148 63.6 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 13.910 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.624 min

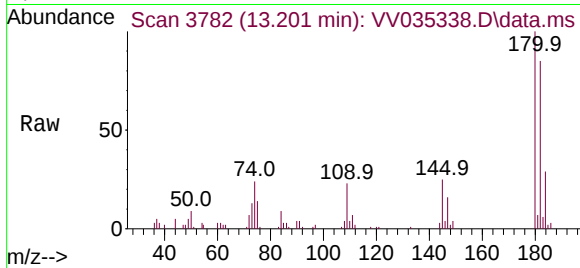
Lab File: VV035338.D

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MSVOA_V

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Tgt Ion:180 Resp: 22179

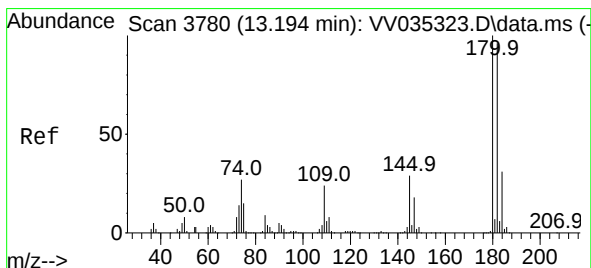
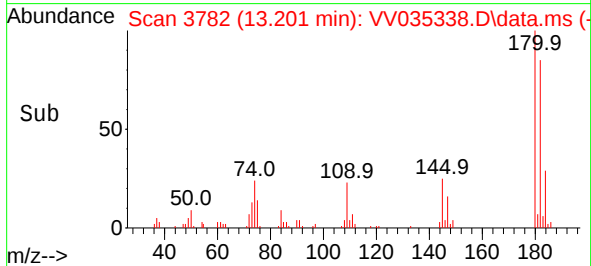
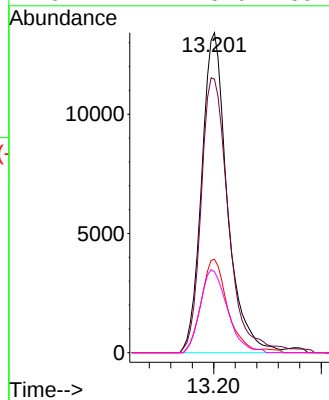
Ion Ratio Lower Upper

180 100

182 90.6 74.7 112.1

184 29.6 24.0 36.0

145 27.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 15.143 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035338.D

Acq: 22 Apr 2024 17:12

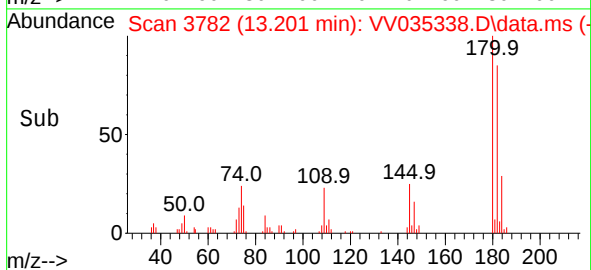
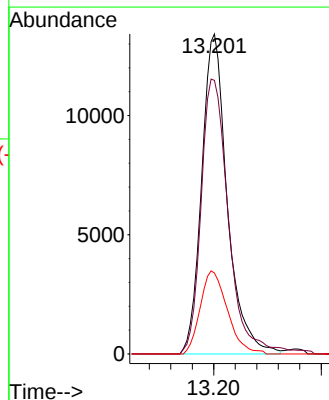
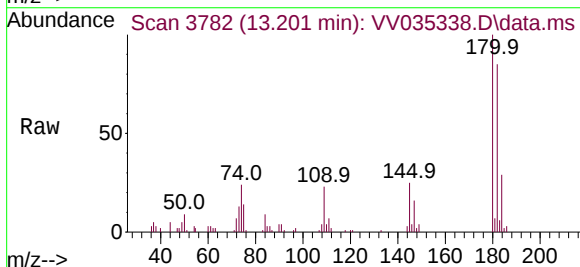
Tgt Ion:180 Resp: 22179

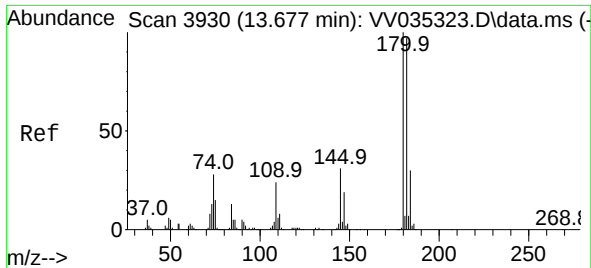
Ion Ratio Lower Upper

180 100

182 90.6 75.6 113.4

145 27.4 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 3.575 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

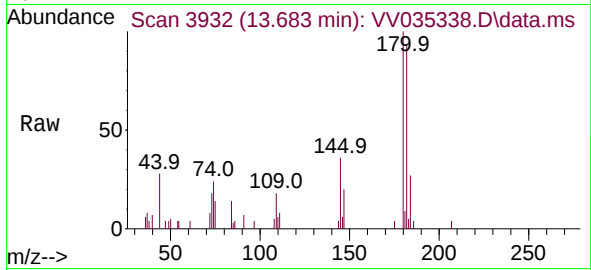
Lab File: VV035338.D

Acq: 22 Apr 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5162

Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.2

145 35.1 25.8 38.6

