

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035338.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 :
 MC0RE1DL

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)

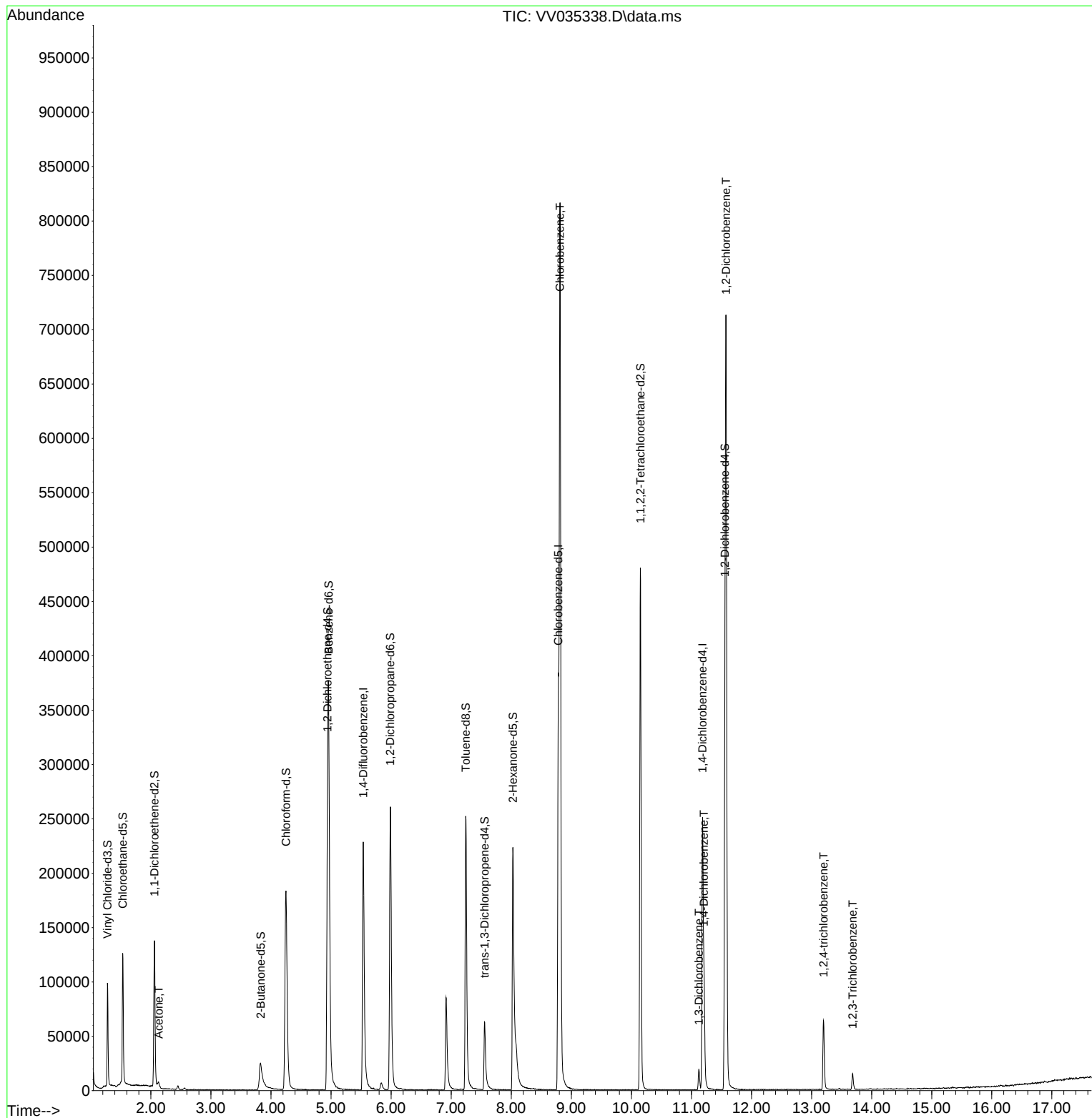
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	206888	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	184884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	65670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	62557	31.309	ug/L	0.00
Spiked Amount	50.000	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
51) Chlorobenzene	8.812	112	447776	109.460	ug/L	98
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
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

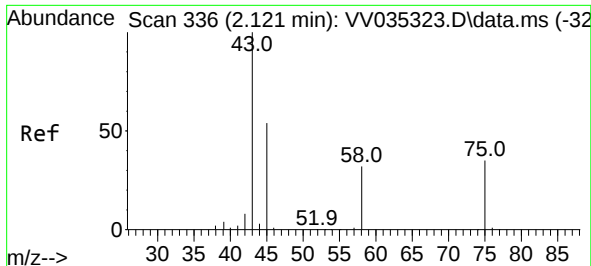
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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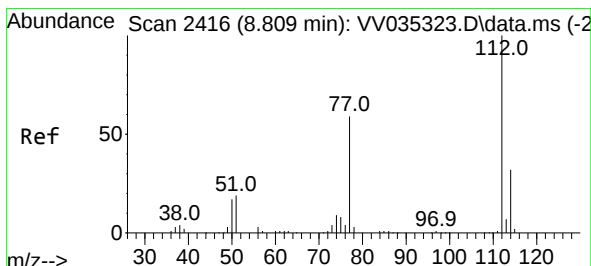
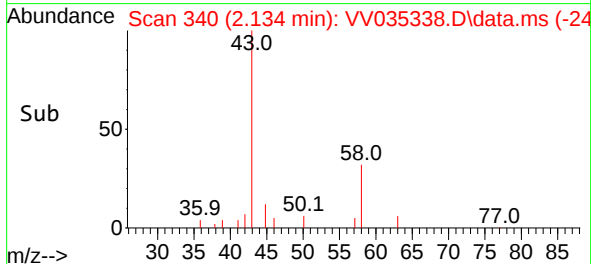
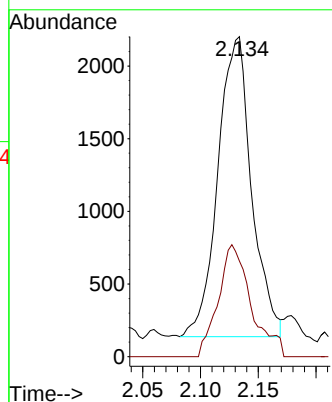
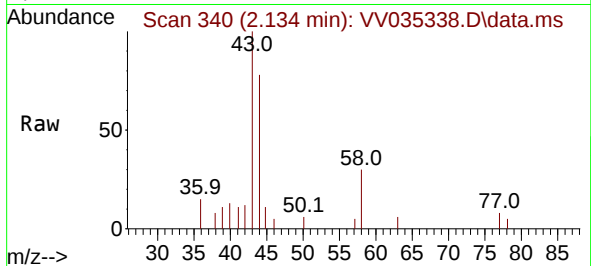




#13
Acetone
Concen: 3.841 ug/L
RT: 2.134 min Scan# 34
Delta R.T. 0.013 min
Lab File: VV035338.D
Acq: 22 Apr 2024 17:12

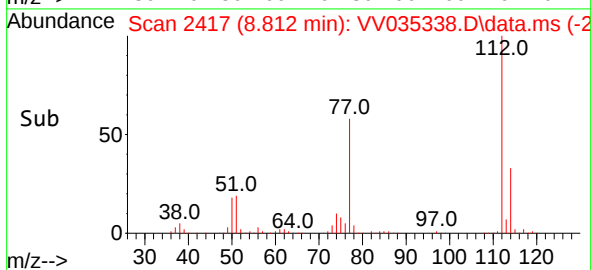
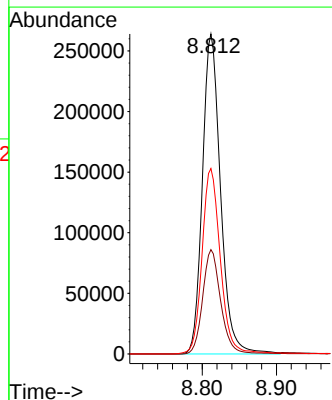
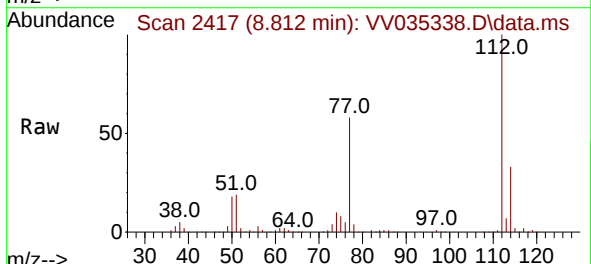
Instrument :
MSVOA_V
ClientSampleId :
MCORE1DL

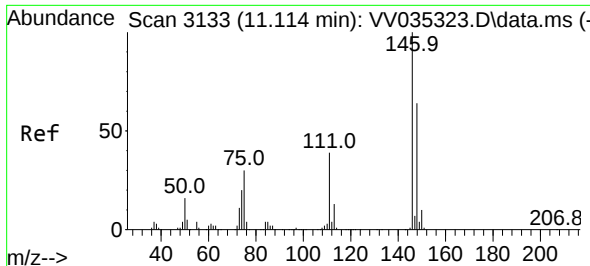
Tgt Ion: 43 Resp: 4179
Ion Ratio Lower Upper
43 100
58 34.5 0.0 66.0



#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

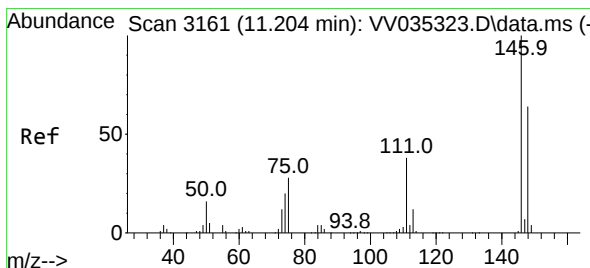
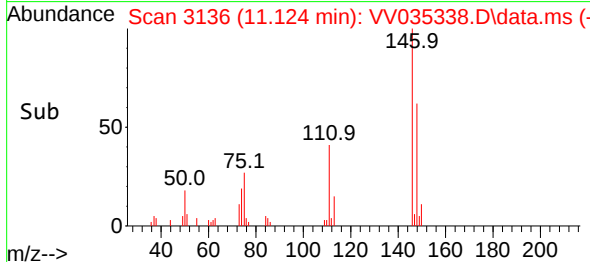
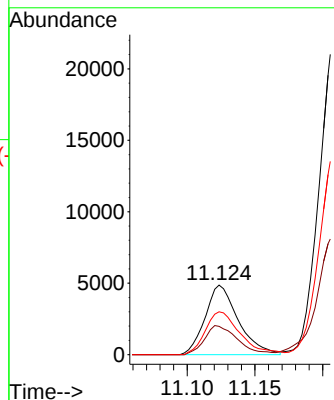
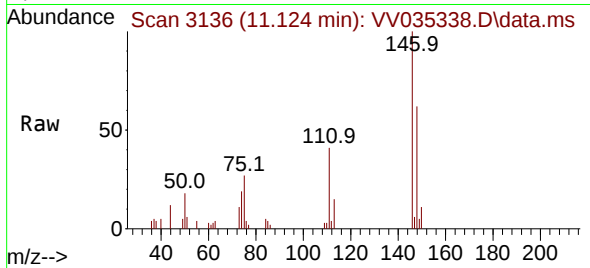




#64
1,3-Dichlorobenzene
Concen: 3.747 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV035338.D
Acq: 22 Apr 2024 17:12

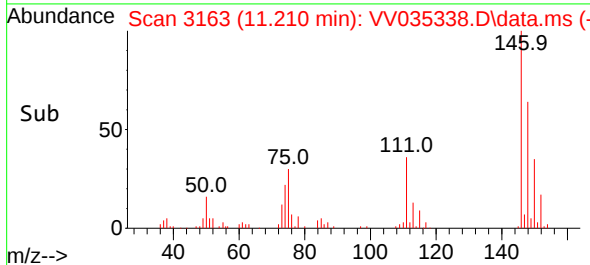
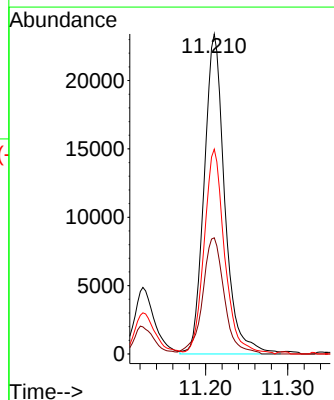
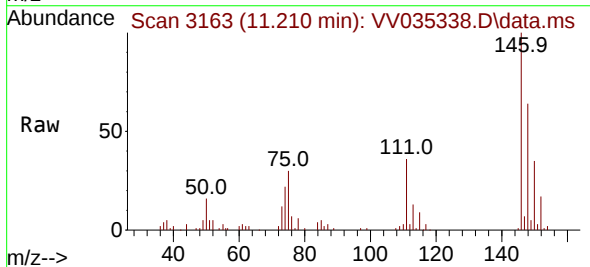
Instrument :
MSVOA_V
ClientSampleId :
MCORE1DL

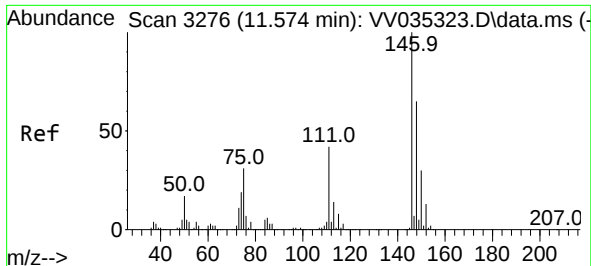
Tgt Ion:146 Resp: 8289
Ion Ratio Lower Upper
146 100
111 40.6 28.7 53.3
148 61.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 18.175 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV035338.D
Acq: 22 Apr 2024 17:12

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# 31

Delta R.T. 0.003 min

Lab File: VV035338.D

Acq: 22 Apr 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

MCORE1DL

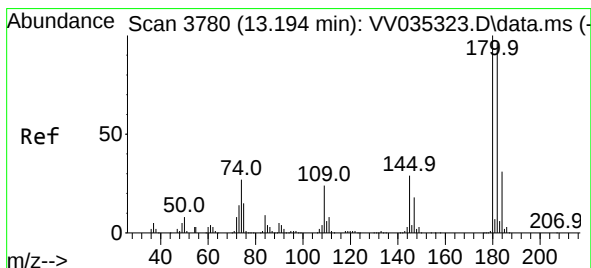
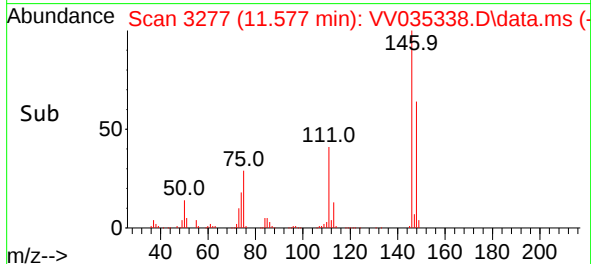
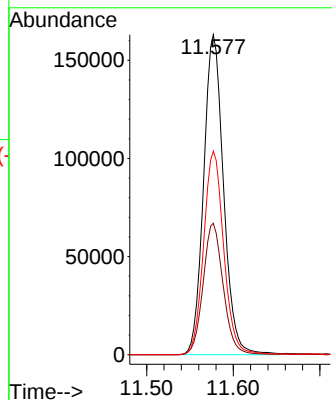
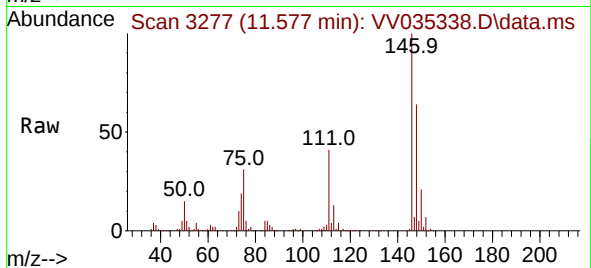
Tgt Ion:146 Resp: 261179

Ion Ratio Lower Upper

146 100

111 41.1 34.6 52.0

148 63.6 51.5 77.3



#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

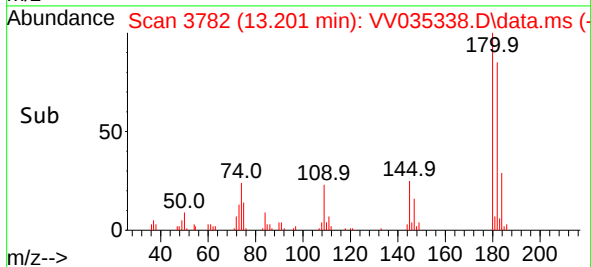
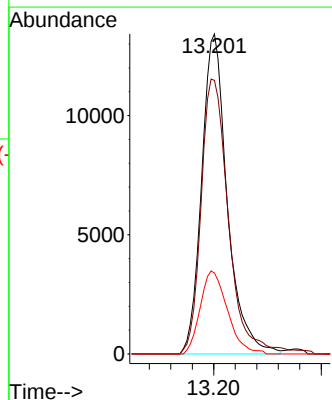
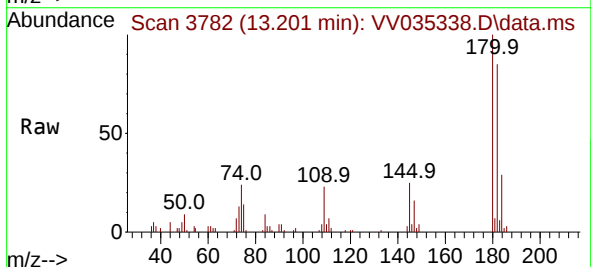
Tgt Ion:180 Resp: 22179

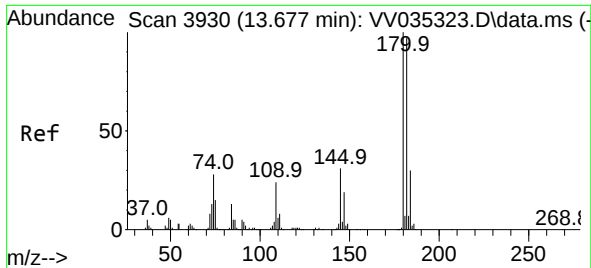
Ion Ratio Lower Upper

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

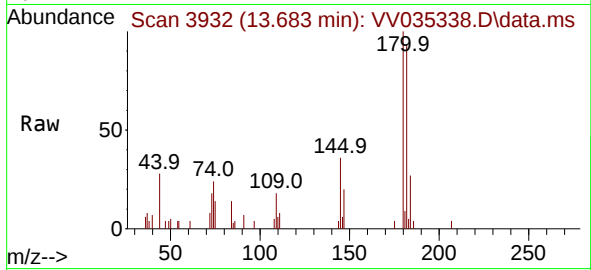
Acq: 22 Apr 2024 17:12

Instrument :

MSVOA_V

ClientSampleId :

MC0RE1DL



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

