

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034790.D
 Acq On : 21 Mar 2024 15:36
 Operator : SY/MD
 Sample : P1757-06 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:03:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

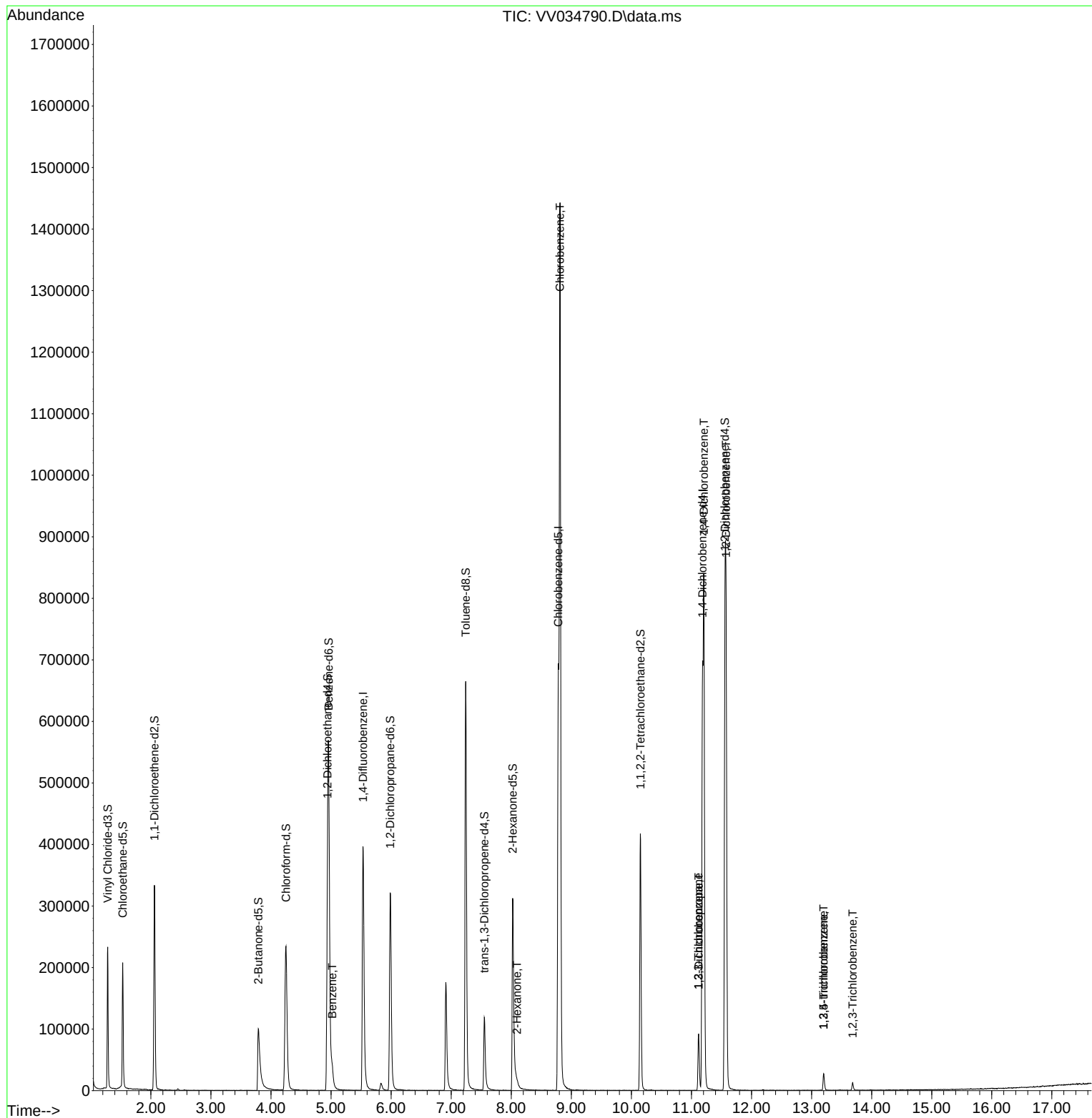
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	344869	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	148801	49.772	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.540%		
7) Chloroethane-d5	1.532	69	120696	51.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.640%		
11) 1,1-Dichloroethene-d2	2.059	65	56542	41.819	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.640%		
21) 2-Butanone-d5	3.789	46	169073	84.566	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.570%		
24) Chloroform-d	4.249	84	252818	47.828	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
26) 1,2-Dichloroethane-d4	4.940	65	173206	50.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.280%		
32) Benzene-d6	4.960	84	505856	51.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.600%		
36) 1,2-Dichloropropane-d6	5.985	67	153089	51.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.720%		
41) Toluene-d8	7.243	98	438357	49.599	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.200%		
43) trans-1,3-Dichloroprop...	7.551	79	72951	48.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.480%		
47) 2-Hexanone-d5	8.024	63	106544	71.586	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.590%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	191678	48.869	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.740%		
66) 1,2-Dichlorobenzene-d4	11.557	152	167091	52.975	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.940%		
Target Compounds						Qvalue
33) Benzene	5.018	78	40835	4.065	ug/L	100
48) 2-Hexanone	8.095	43	12352	3.997	ug/L #	60
51) Chlorobenzene	8.812	112	735403	107.007	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	11198	3.802	ug/L #	46
64) 1,3-Dichlorobenzene	11.120	146	36977	7.328	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	304506	59.424	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	259341	51.290	ug/L	99
69) 1,3,5-Trichlorobenzene	13.201	180	9085	2.400	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	9085	2.667	ug/L	95
72) 1,2,3-Trichlorobenzene	13.683	180	4049	1.219	ug/L	97

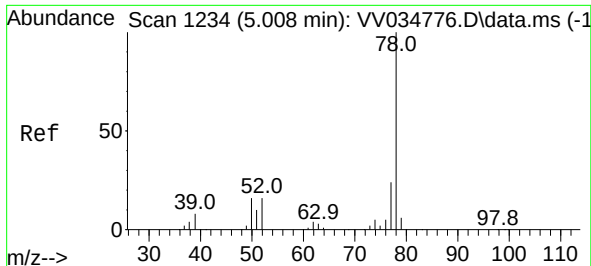
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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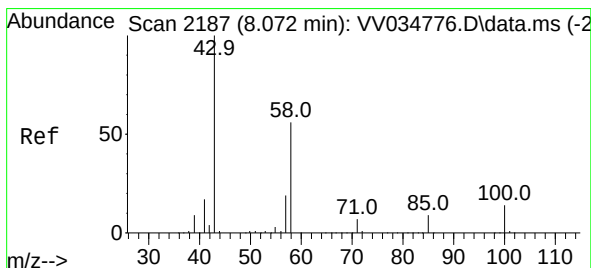
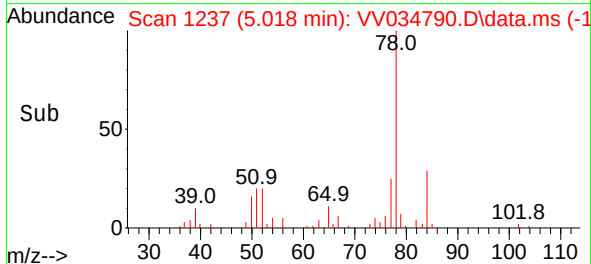
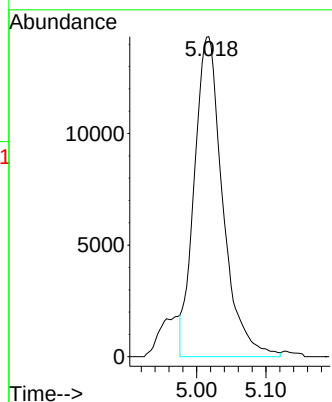
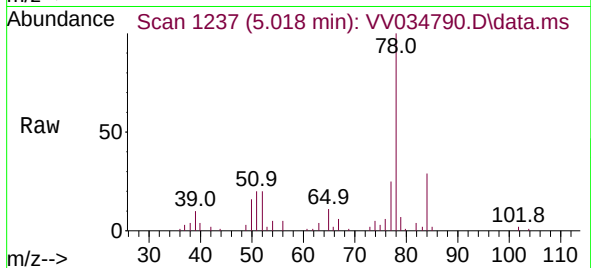




#33
Benzene
Concen: 4.065 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

Instrument :
MSVOA_V
ClientSampleId :

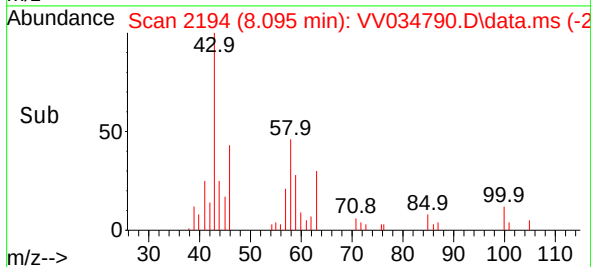
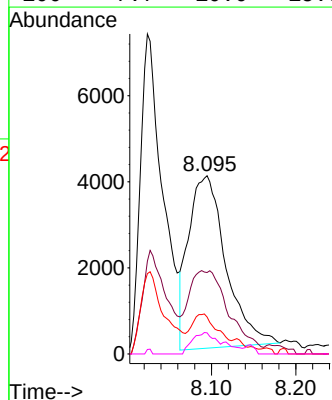
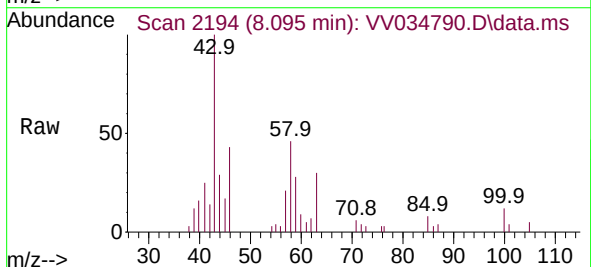
Tgt Ion: 78 Resp: 40835

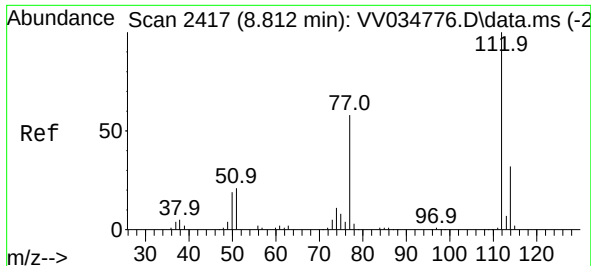


#48
2-Hexanone
Concen: 3.997 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.023 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

Tgt Ion: 43 Resp: 12352

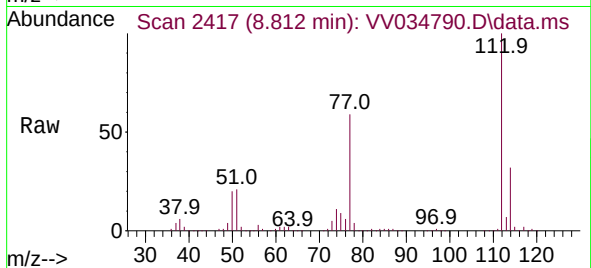
Ion	Ratio	Lower	Upper
43	100		
58	10.8	42.0	63.0#
57	17.1	15.2	22.8
100	7.7	10.0	15.0#



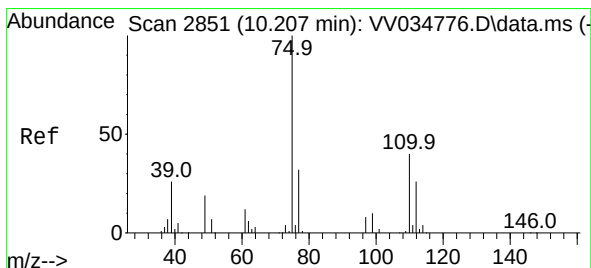
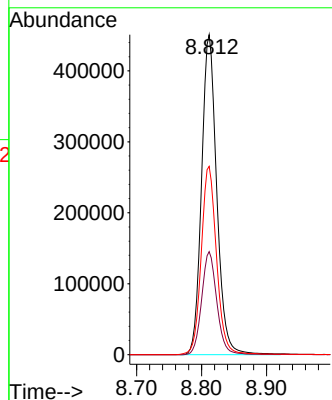
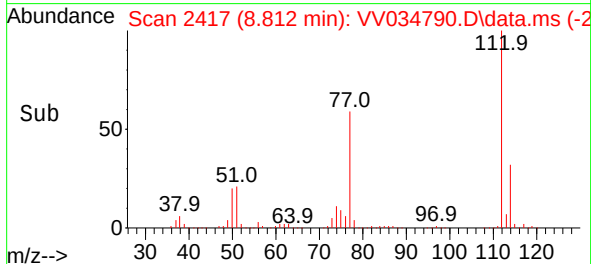


#51
Chlorobenzene
Concen: 107.007 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

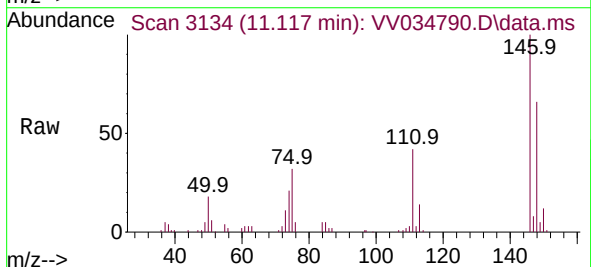
Instrument :
MSVOA_V
ClientSampleId :



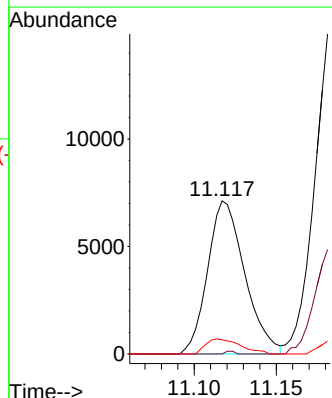
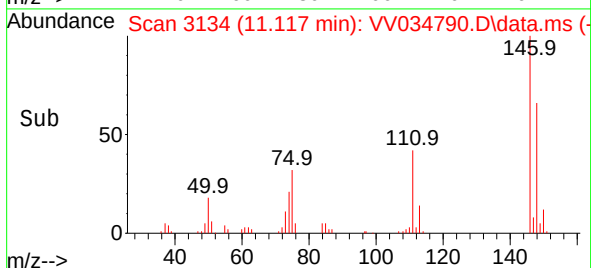
Tgt Ion:112 Resp: 735403
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 58.8 47.7 71.5

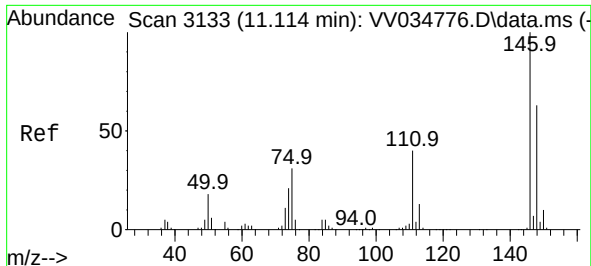


#61
1,2,3-Trichloropropane
Concen: 3.802 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.910 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36



Tgt Ion: 75 Resp: 11198
Ion Ratio Lower Upper
75 100
77 0.4 25.9 38.9#
110 9.2 33.1 49.7#





#64

1,3-Dichlorobenzene

Concen: 7.328 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

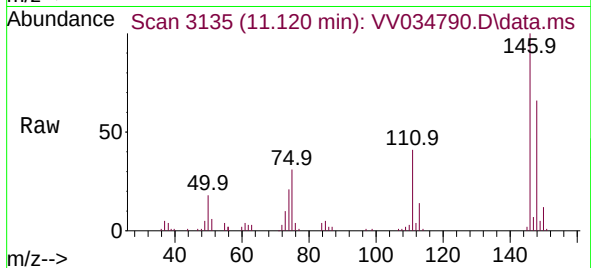
Lab File: VV034790.D

Acq: 21 Mar 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :



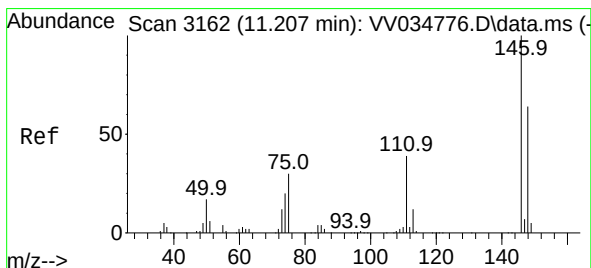
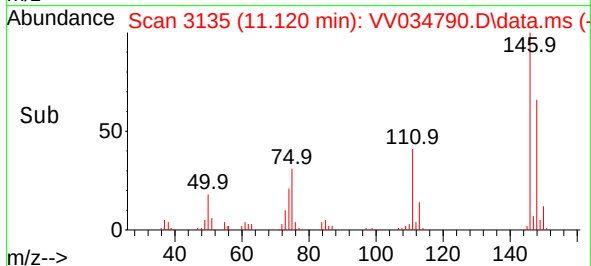
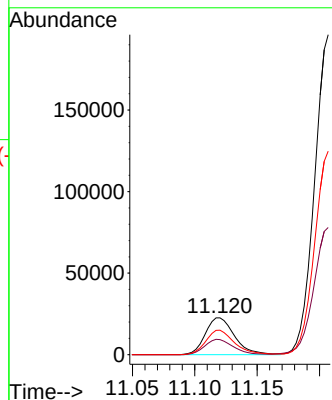
Tgt Ion:146 Resp: 36977

Ion Ratio Lower Upper

146 100

111 40.9 27.9 51.7

148 66.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 59.424 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034790.D

Acq: 21 Mar 2024 15:36

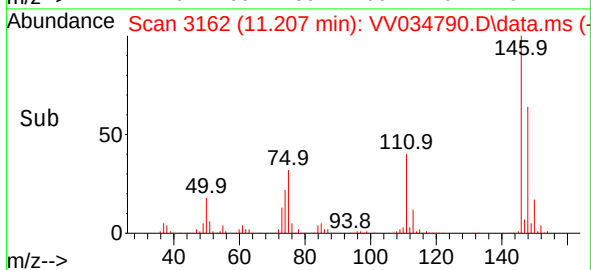
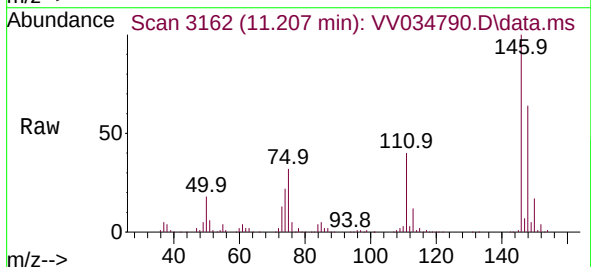
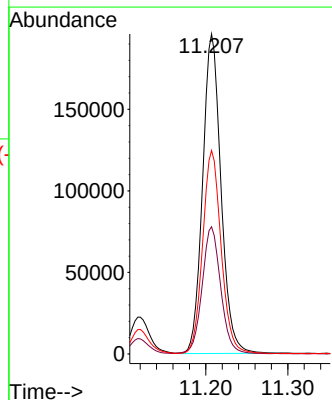
Tgt Ion:146 Resp: 304506

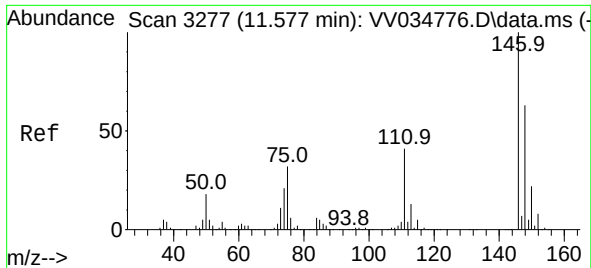
Ion Ratio Lower Upper

146 100

111 39.7 26.5 49.1

148 63.6 44.0 81.8

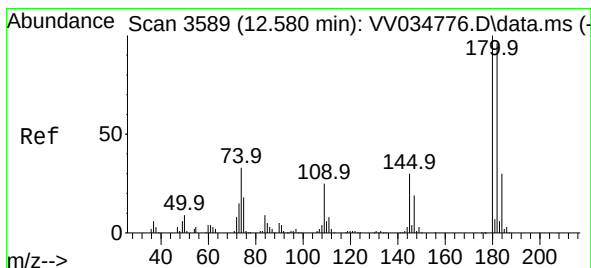
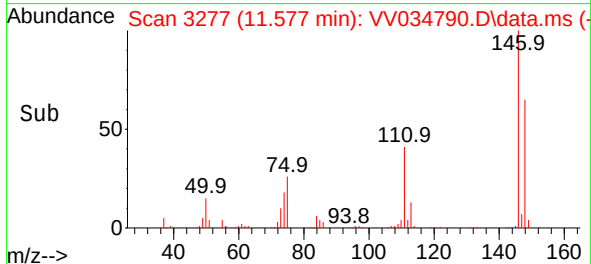
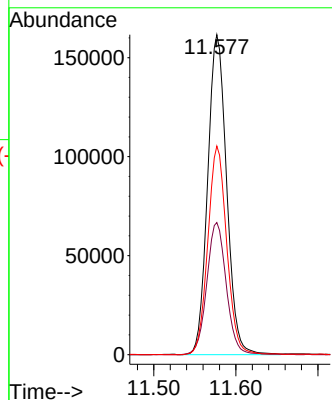
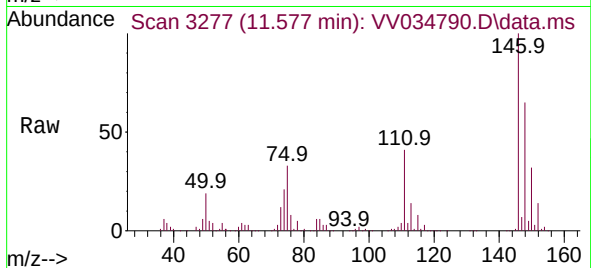




#67
1,2-Dichlorobenzene
Concen: 51.290 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

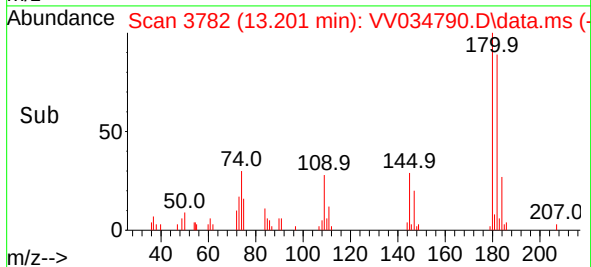
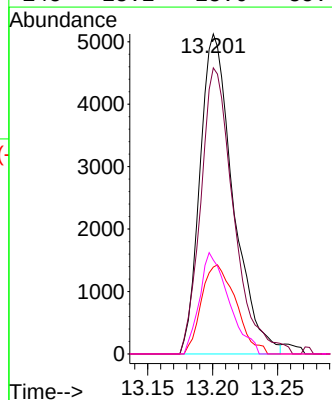
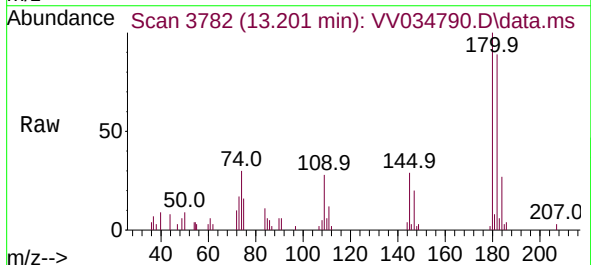
Instrument :
MSVOA_V
ClientSampleId :

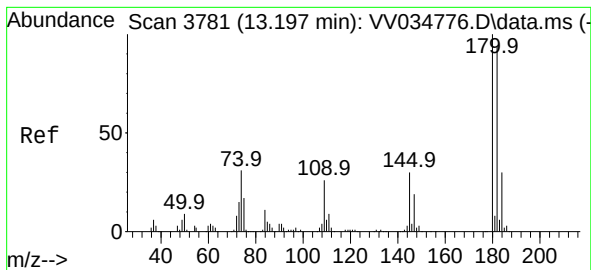
Tgt Ion:146 Resp: 259341
Ion Ratio Lower Upper
146 100
111 41.3 33.8 50.8
148 65.2 51.3 76.9



#69
1,3,5-Trichlorobenzene
Concen: 2.400 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.621 min
Lab File: VV034790.D
Acq: 21 Mar 2024 15:36

Tgt Ion:180 Resp: 9085
Ion Ratio Lower Upper
180 100
182 88.5 74.6 112.0
184 28.7 23.6 35.4
145 28.2 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 2.667 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034790.D

Acq: 21 Mar 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :

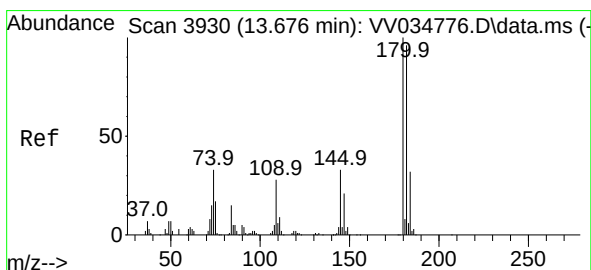
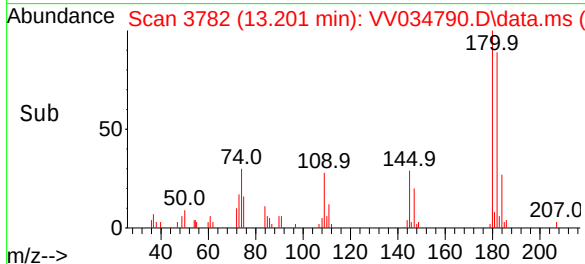
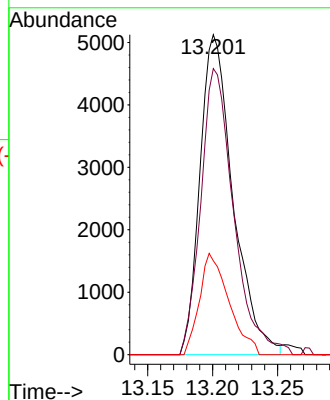
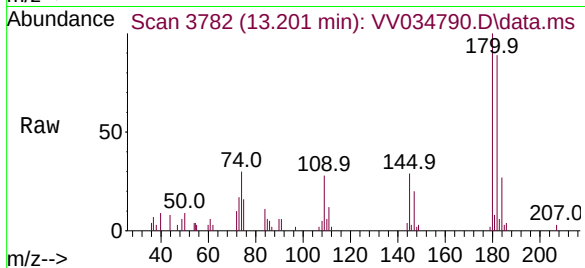
Tgt Ion:180 Resp: 9085

Ion Ratio Lower Upper

180 100

182 88.5 74.8 112.2

145 28.2 24.2 36.4



#72

1,2,3-Trichlorobenzene

Concen: 1.219 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV034790.D

Acq: 21 Mar 2024 15:36

Tgt Ion:180 Resp: 4049

Ion Ratio Lower Upper

180 100

182 97.9 75.9 113.9

145 31.0 25.5 38.3

