

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030764.D
 Acq On : 21 Apr 2023 14:57
 Operator : SY/MD
 Sample : 02398-06DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN6DL

Quant Time: Apr 22 00:46:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

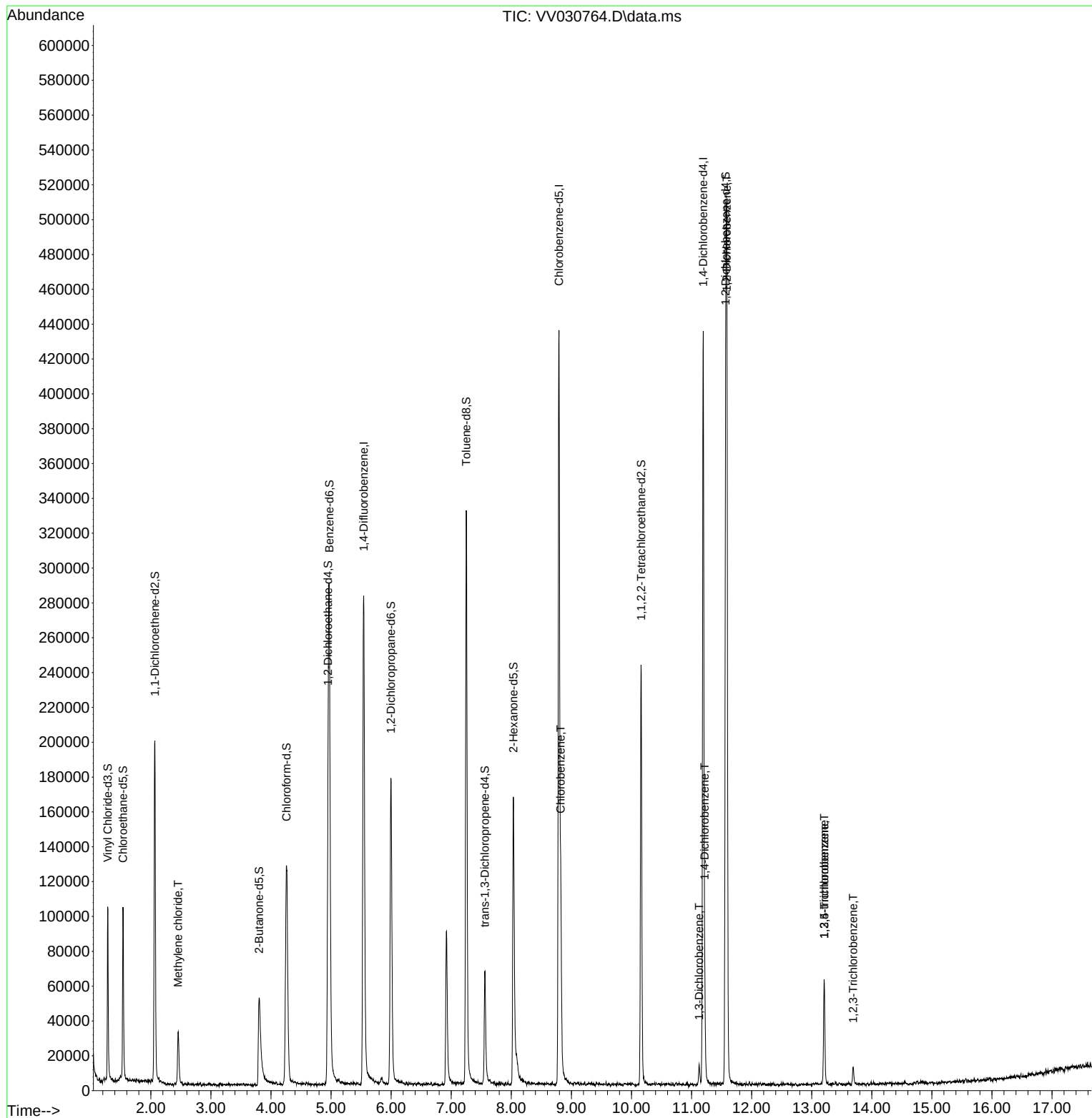
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	236547	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	229714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	111828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	66466	38.329	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.660%		
7) Chloroethane-d5	1.536	69	58618	40.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.680%		
11) 1,1-Dichloroethene-d2	2.066	65	32960	40.080	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.160%		
21) 2-Butanone-d5	3.802	46	88380	92.792	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.790%		
24) Chloroform-d	4.259	84	129166	41.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.200%		
26) 1,2-Dichloroethane-d4	4.950	65	92858	45.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.920%		
32) Benzene-d6	4.970	84	244397	45.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.000%		
36) 1,2-Dichloropropane-d6	5.995	67	74342	44.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.140%		
41) Toluene-d8	7.249	98	211375	41.452	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.900%		
43) trans-1,3-Dichloroprop...	7.558	79	36423	42.836	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.680%		
47) 2-Hexanone-d5	8.034	63	55077	82.874	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.870%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104400	42.647	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.300%		
66) 1,2-Dichlorobenzene-d4	11.567	152	88604	49.849	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.700%		
Target Compounds						Qvalue
16) Methylene chloride	2.455	84	12998	6.858	ug/L	96
51) Chlorobenzene	8.822	112	56674	11.453	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	3932	1.126	ug/L	85
65) 1,4-Dichlorobenzene	11.217	146	19225	5.221	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	157754	44.784	ug/L	100
69) 1,3,5-Trichlorobenzene	13.210	180	18318	6.945	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	18318	8.179	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	3030	1.364	ug/L	97

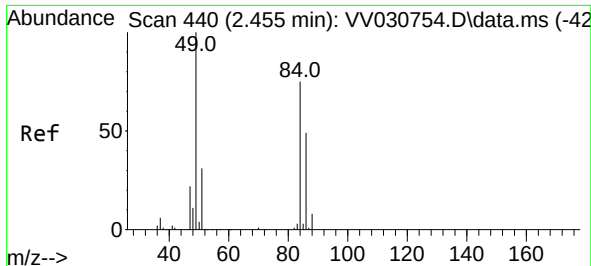
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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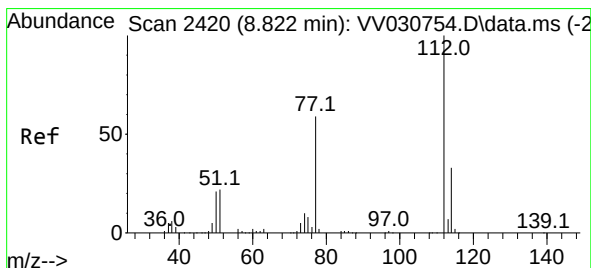
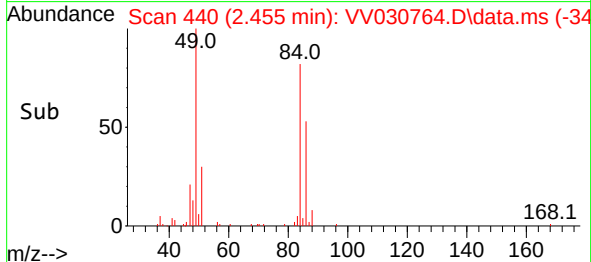
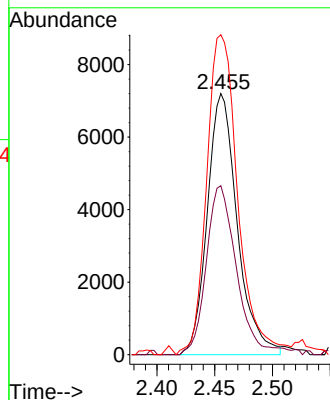
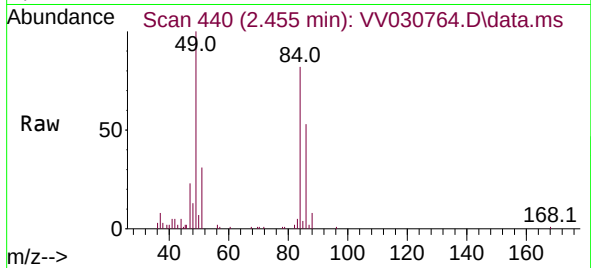




#16
Methylene chloride
Concen: 6.858 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030764.D
Acq: 21 Apr 2023 14:57

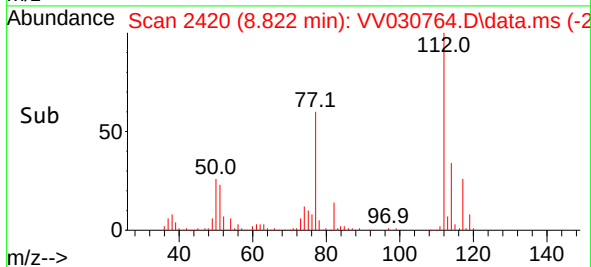
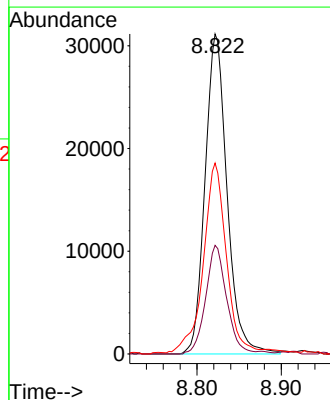
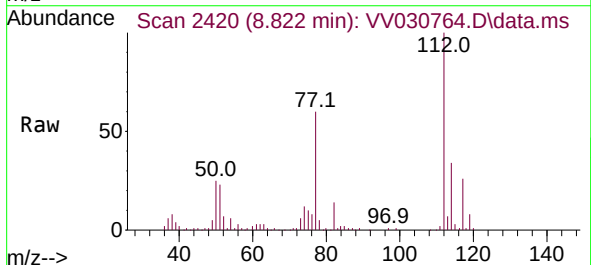
Instrument :
MSVOA_V
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COMN6DL

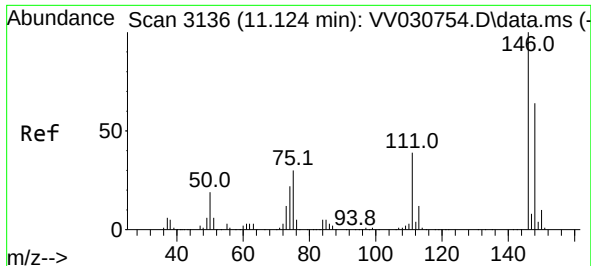
Tgt Ion: 84 Resp: 12998
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 122.6 90.4 168.0



#51
Chlorobenzene
Concen: 11.453 ug/L
RT: 8.822 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030764.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 112 Resp: 56674
Ion Ratio Lower Upper
112 100
114 34.0 22.4 41.6
77 59.7 47.4 71.0

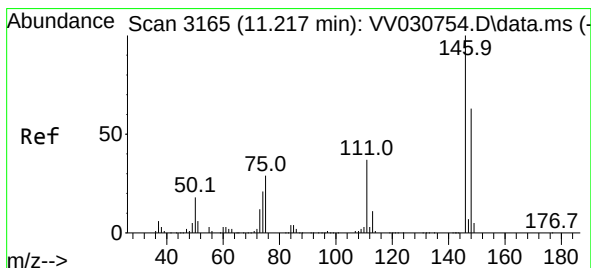
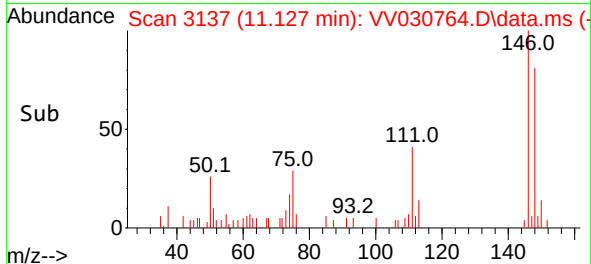
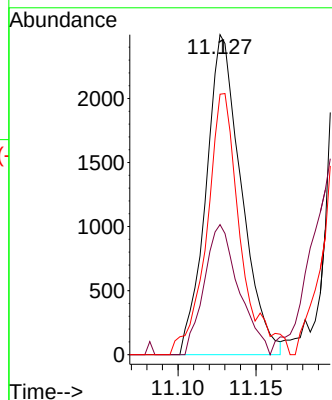
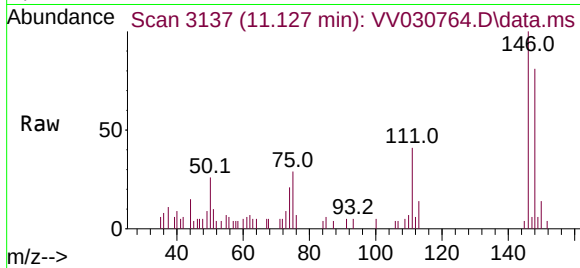




#64
1,3-Dichlorobenzene
Concen: 1.126 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV030764.D
Acq: 21 Apr 2023 14:57

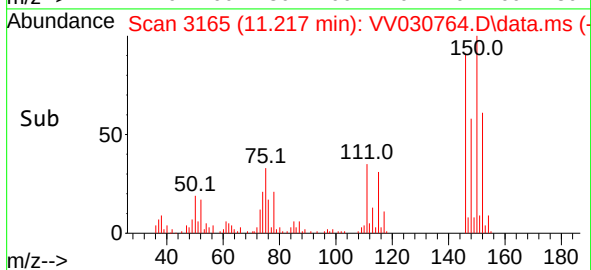
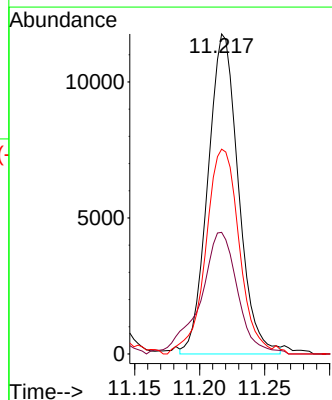
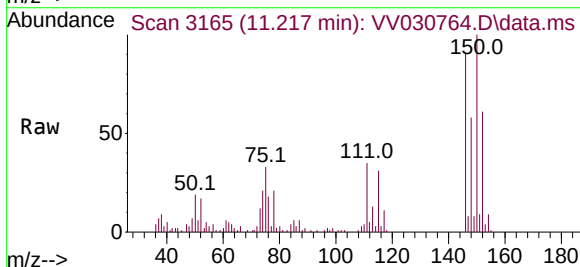
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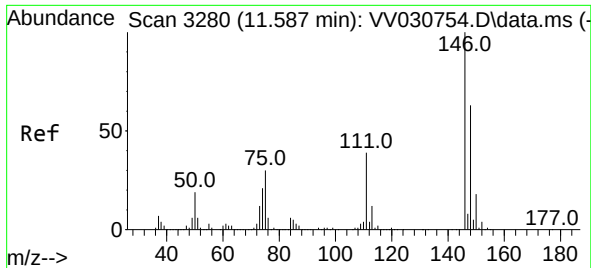
Tgt Ion:146 Resp: 3932
Ion Ratio Lower Upper
146 100
111 40.7 27.0 50.2
148 81.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.221 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030764.D
Acq: 21 Apr 2023 14:57

Tgt Ion:146 Resp: 19225
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.1
148 64.0 44.7 83.1

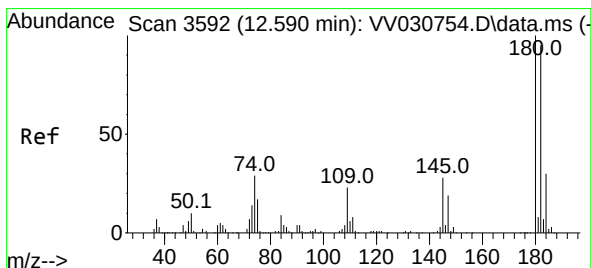
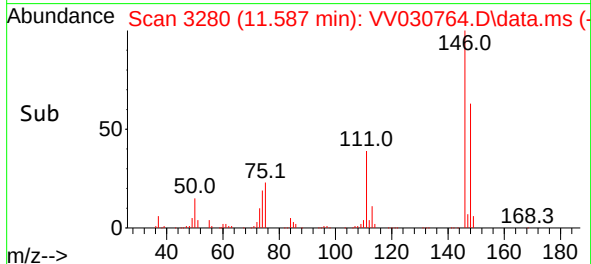
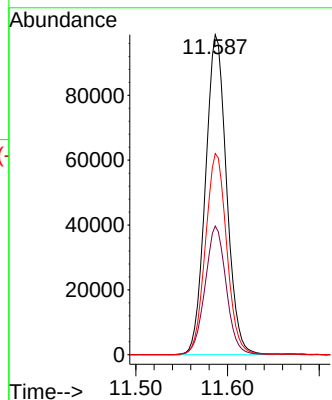
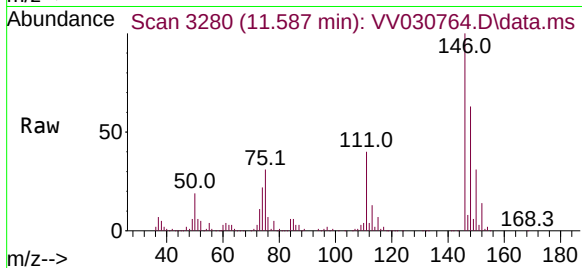




#67
1,2-Dichlorobenzene
Concen: 44.784 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030764.D
Acq: 21 Apr 2023 14:57

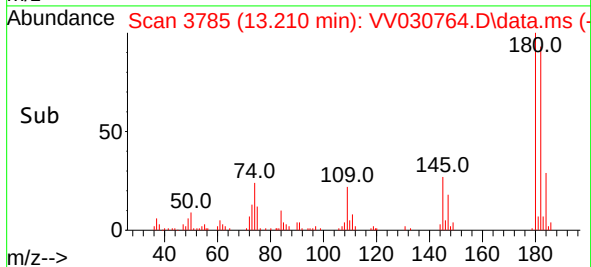
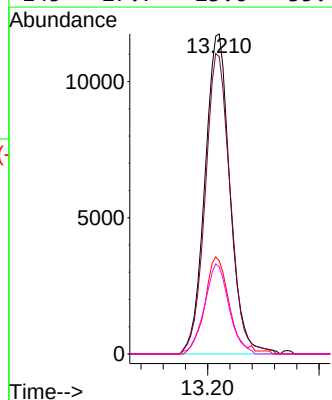
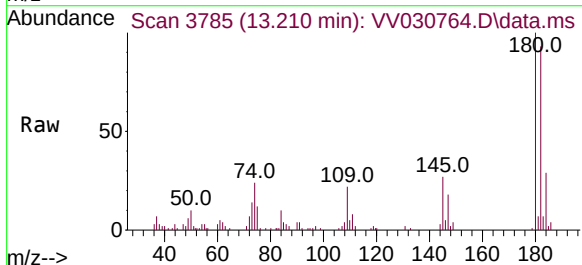
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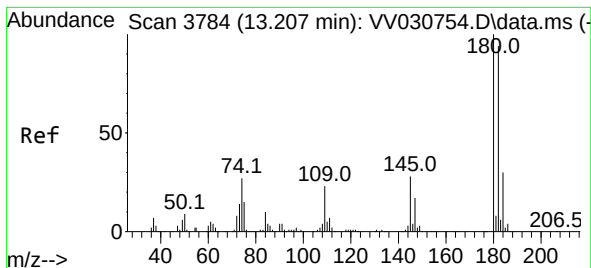
Tgt Ion:146 Resp: 157754
Ion Ratio Lower Upper
146 100
111 40.2 32.0 48.0
148 62.9 50.6 76.0



#69
1,3,5-Trichlorobenzene
Concen: 6.945 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.621 min
Lab File: VV030764.D
Acq: 21 Apr 2023 14:57

Tgt Ion:180 Resp: 18318
Ion Ratio Lower Upper
180 100
182 93.8 76.4 114.6
184 29.0 24.1 36.1
145 27.7 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 8.179 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030764.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

COMN6DL

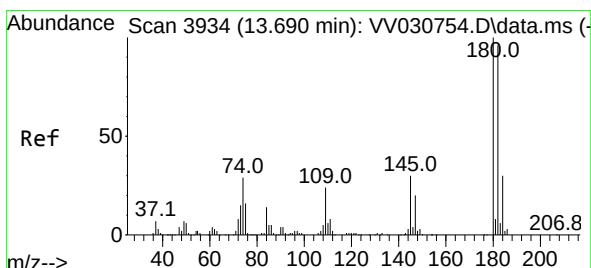
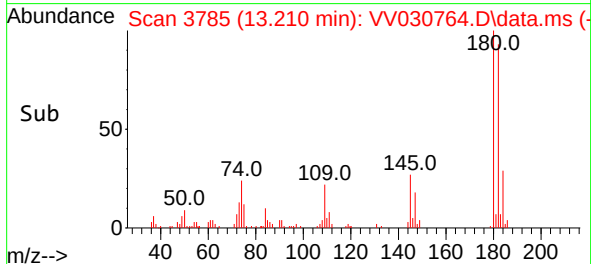
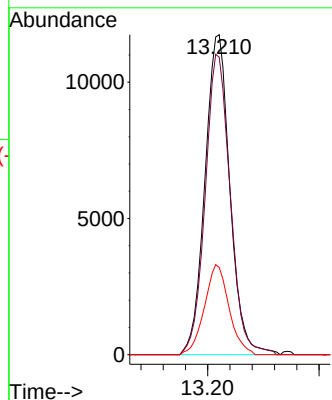
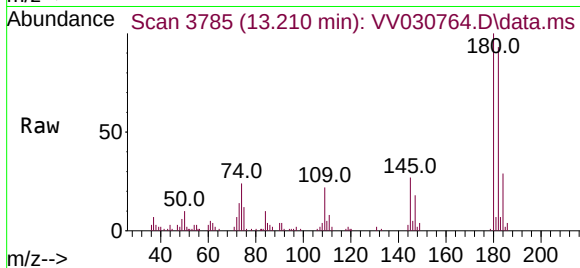
Tgt Ion:180 Resp: 18318

Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

145 27.7 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 1.364 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030764.D

Acq: 21 Apr 2023 14:57

Tgt Ion:180 Resp: 3030

Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.4

145 34.0 25.1 37.7

