

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030765.D
 Acq On : 21 Apr 2023 15:21
 Operator : SY/MD
 Sample : 02398-03DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN2DL

Quant Time: Apr 22 02:14:59 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)

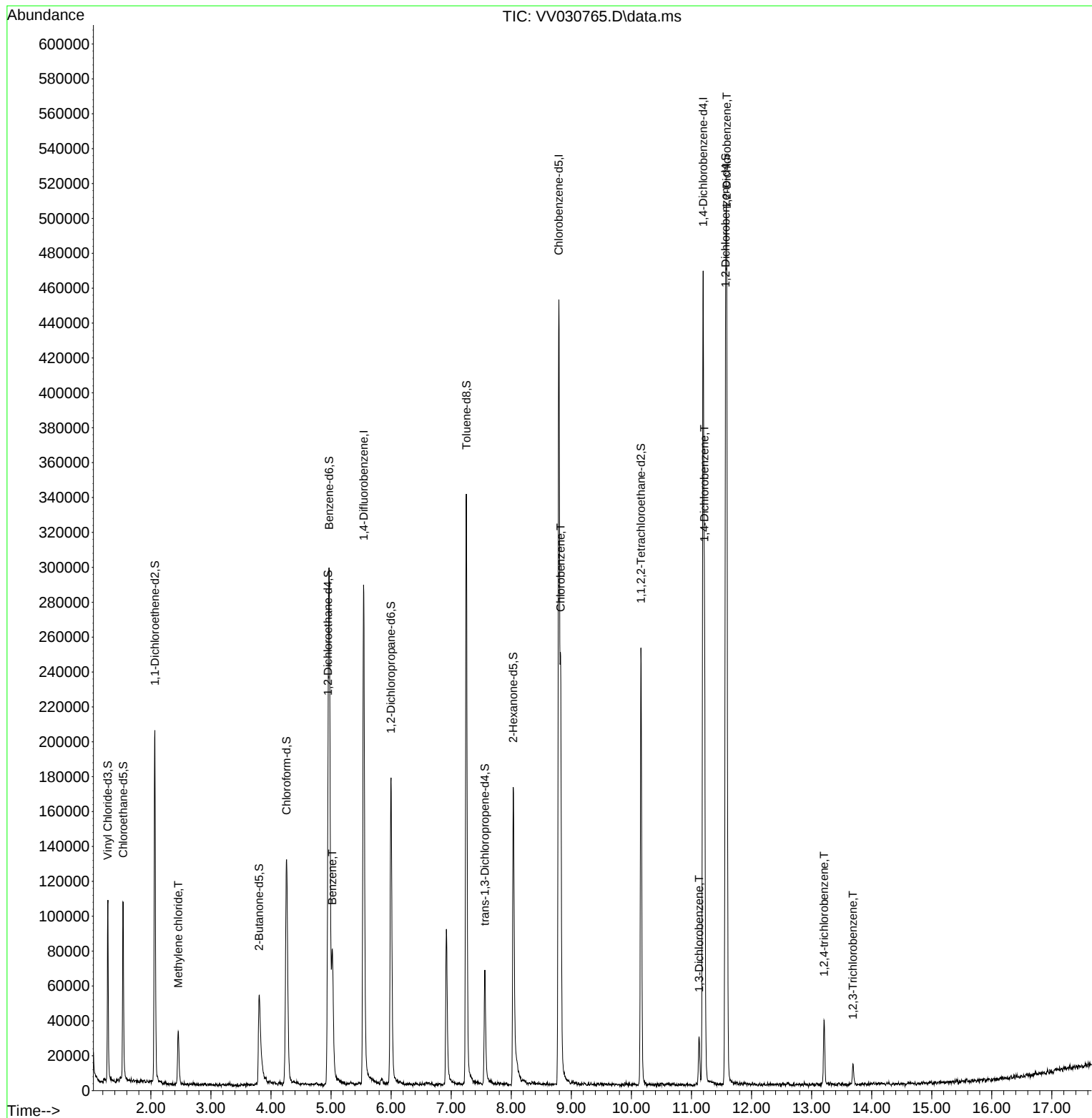
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	238200	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	230587	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	114947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	67716	38.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.560%		
7) Chloroethane-d5	1.539	69	60869	41.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.200%		
11) 1,1-Dichloroethene-d2	2.066	65	33456	40.401	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.800%		
21) 2-Butanone-d5	3.802	46	91464	95.363	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.360%		
24) Chloroform-d	4.259	84	133526	42.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.380%		
26) 1,2-Dichloroethane-d4	4.950	65	93699	46.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.100%		
32) Benzene-d6	4.969	84	245736	45.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.140%		
36) 1,2-Dichloropropane-d6	5.998	67	73695	43.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.040%		
41) Toluene-d8	7.252	98	218574	42.702	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.400%		
43) trans-1,3-Dichloroprop...	7.561	79	36477	42.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.480%		
47) 2-Hexanone-d5	8.034	63	58990	88.425	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.430%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104826	42.659	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.320%		
66) 1,2-Dichlorobenzene-d4	11.567	152	92807	50.796	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.600%		
Target Compounds						Qvalue
16) Methylene chloride	2.458	84	13067	6.846	ug/L	86
33) Benzene	5.021	78	69857	9.976	ug/L	100
51) Chlorobenzene	8.821	112	115914	23.336	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	11279	3.143	ug/L	92
65) 1,4-Dichlorobenzene	11.217	146	97345	25.721	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	150688	41.618	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	11468	4.982	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	3109	1.362	ug/L	94

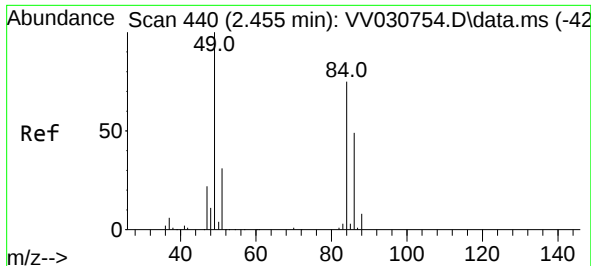
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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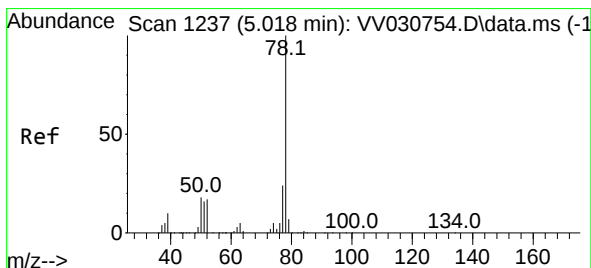
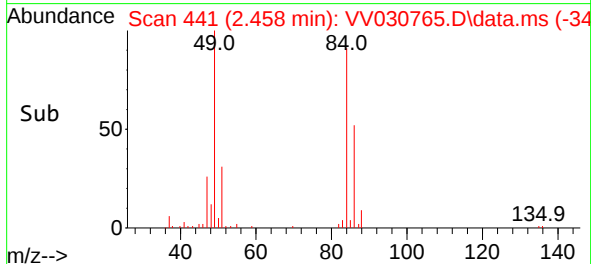
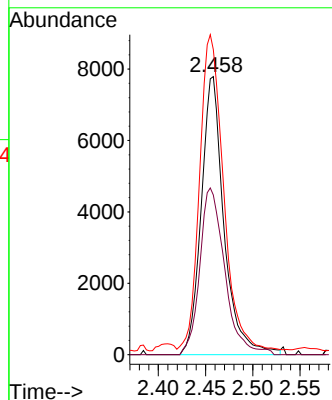
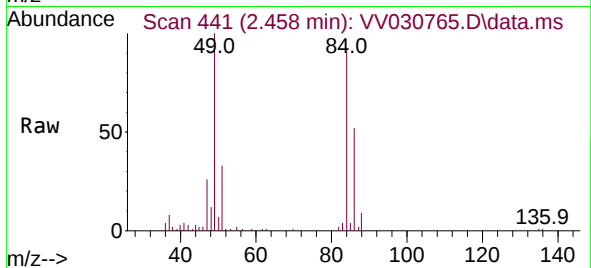




#16
Methylene chloride
Concen: 6.846 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030765.D
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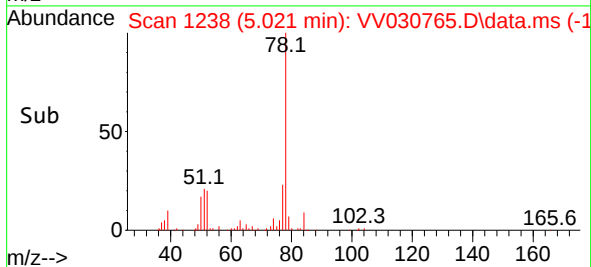
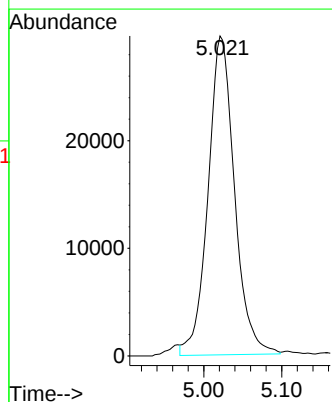
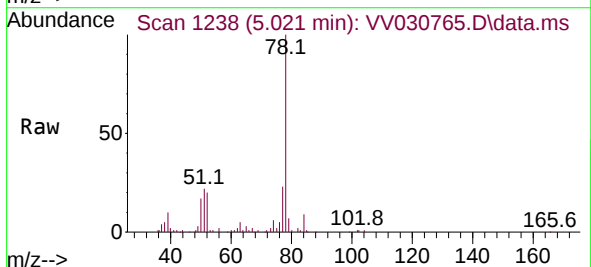
Instrument :
MSVOA_V
ClientSampleId :
COMN2DL

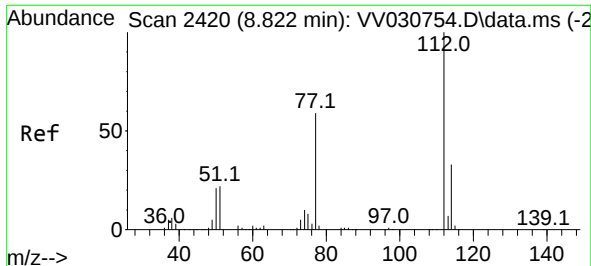
Tgt Ion: 84 Resp: 13067
Ion Ratio Lower Upper
84 100
86 57.4 45.4 84.2
49 109.7 90.4 168.0



#33
Benzene
Concen: 9.976 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030765.D
Acq: 21 Apr 2023 15:21

Tgt Ion: 78 Resp: 69857

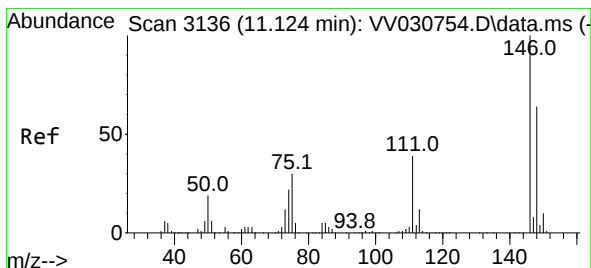
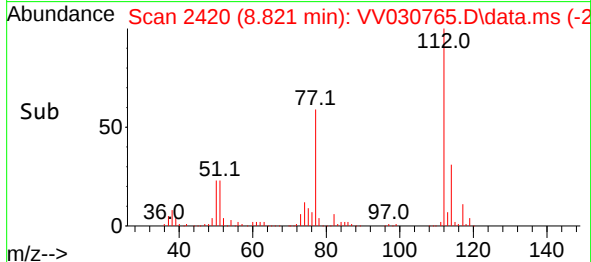
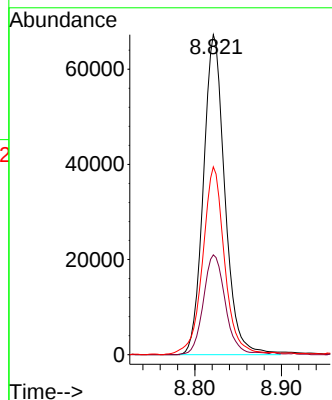
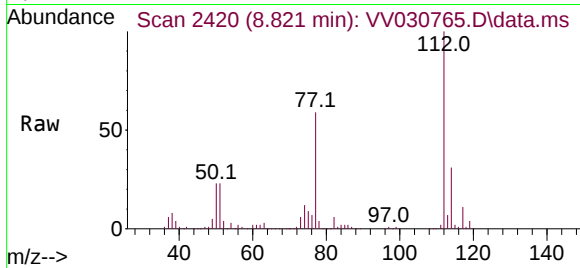




#51
Chlorobenzene
Concen: 23.336 ug/L
RT: 8.821 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV030765.D
Acq: 21 Apr 2023 15:21

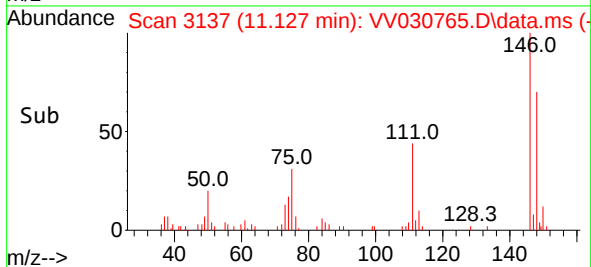
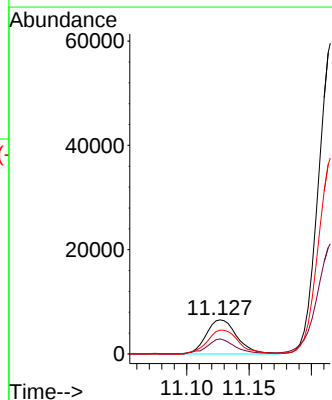
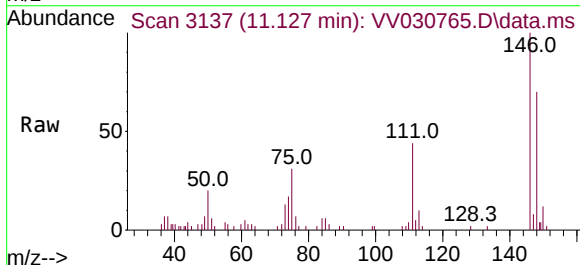
Instrument :
MSVOA_V
ClientSampleId :
COMN2DL

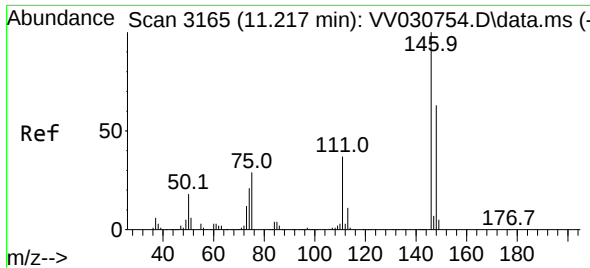
Tgt Ion:112 Resp: 115914
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 58.7 47.4 71.0



#64
1,3-Dichlorobenzene
Concen: 3.143 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030765.D
Acq: 21 Apr 2023 15:21

Tgt Ion:146 Resp: 11279
Ion Ratio Lower Upper
146 100
111 44.1 27.0 50.2
148 69.8 44.8 83.2

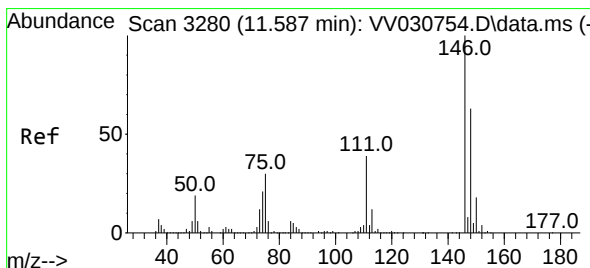
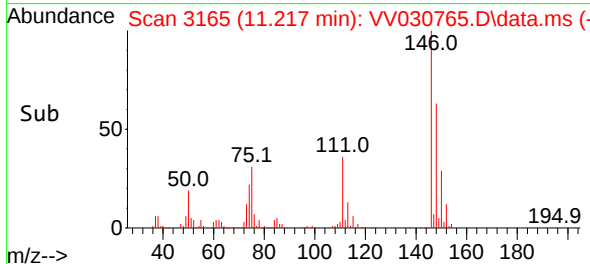
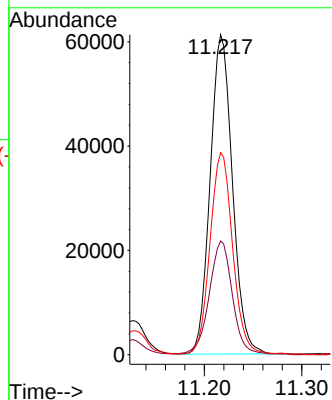
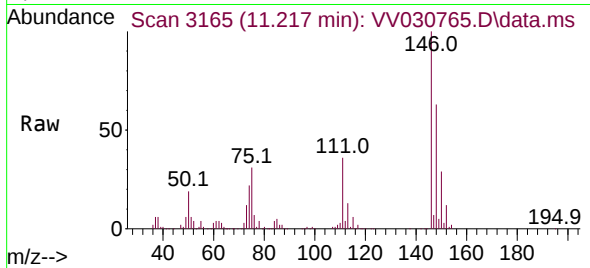




#65
1,4-Dichlorobenzene
Concen: 25.721 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030765.D
Acq: 21 Apr 2023 15:21

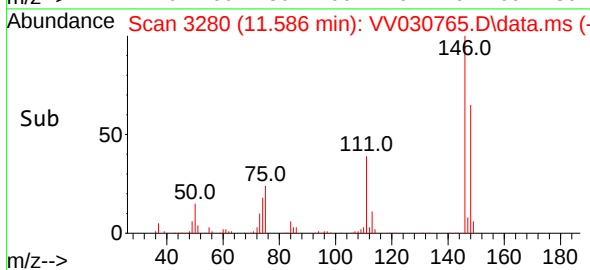
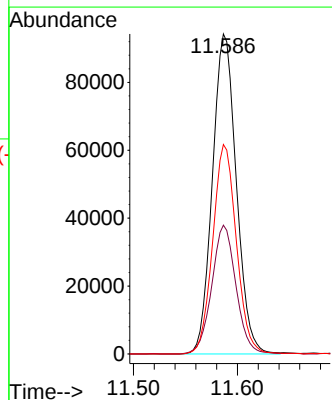
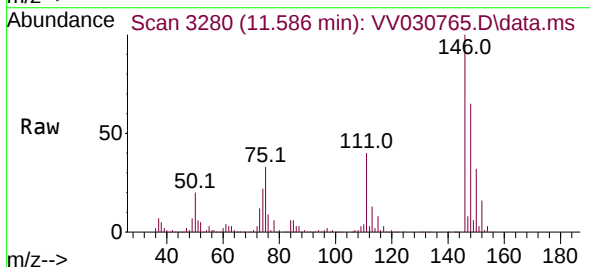
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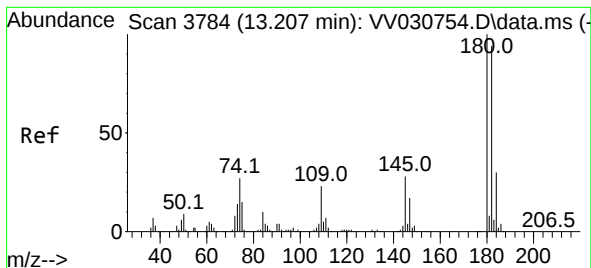
Tgt Ion:146 Resp: 97345
Ion Ratio Lower Upper
146 100
111 35.5 26.5 49.1
148 63.2 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 41.618 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030765.D
Acq: 21 Apr 2023 15:21

Tgt Ion:146 Resp: 150688
Ion Ratio Lower Upper
146 100
111 40.2 32.0 48.0
148 65.5 50.6 76.0





#70

1,2,4-trichlorobenzene

Concen: 4.982 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030765.D

Acq: 21 Apr 2023 15:21

Instrument :

MSVOA_V

ClientSampleId :

COMN2DL

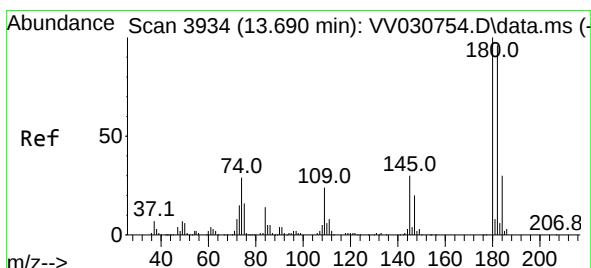
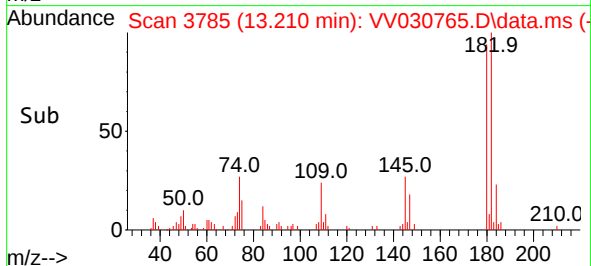
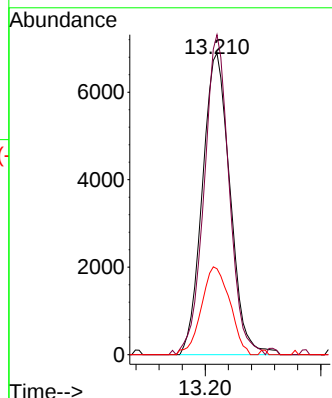
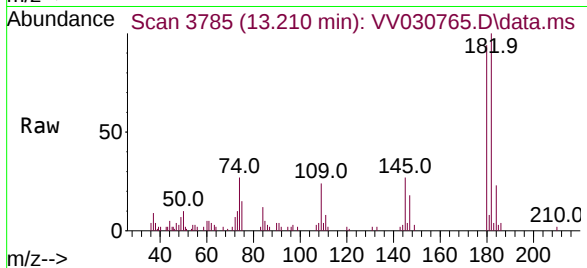
Tgt Ion:180 Resp: 11468

Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 29.9 23.4 35.2



#72

1,2,3-Trichlorobenzene

Concen: 1.362 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030765.D

Acq: 21 Apr 2023 15:21

Tgt Ion:180 Resp: 3109

Ion Ratio Lower Upper

180 100

182 100.0 76.2 114.4

145 26.2 25.1 37.7

