

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
 Data File : VV030704.D
 Acq On : 20 Apr 2023 10:06
 Operator : SY/MD
 Sample : VV0420WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK327

Quant Time: Apr 21 00:15:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

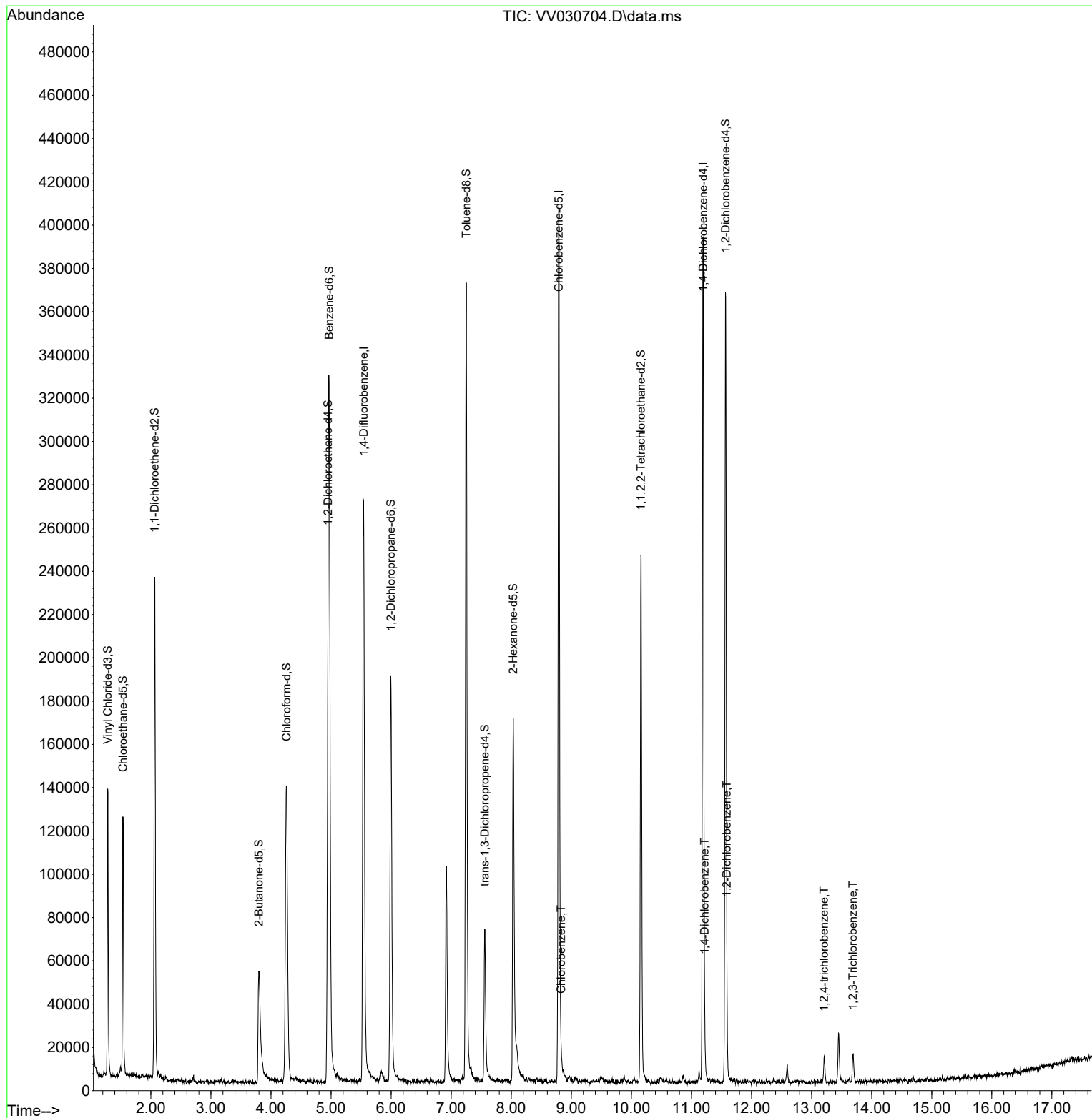
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		5.542	114	226409	50.000	ug/L	0.00
28) Chlorobenzene-d5		8.792	117	216428	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.194	152	104117	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.281	65	86846	52.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.640%	
7) Chloroethane-d5		1.535	69	69908	50.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.520%	
11) 1,1-Dichloroethene-d2		2.063	65	39399	50.055	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.120%	
21) 2-Butanone-d5		3.799	46	92356	101.308	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.310%	
24) Chloroform-d		4.256	84	145174	48.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%	
26) 1,2-Dichloroethane-d4		4.950	65	99418	51.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%	
32) Benzene-d6		4.966	84	273917	53.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.060%	
36) 1,2-Dichloropropane-d6		5.995	67	81339	51.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.340%	
41) Toluene-d8		7.249	98	238728	49.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.380%	
43) trans-1,3-Dichloroprop...		7.561	79	38192	47.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.340%	
47) 2-Hexanone-d5		8.034	63	56663	90.494	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.490%	
56) 1,1,2,2-Tetrachloroeth...		10.159	84	108951	47.239	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.480%	
66) 1,2-Dichlorobenzene-d4		11.570	152	90383	54.615	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.240%	
Target Compounds							Qvalue
51) Chlorobenzene		8.828	112	2658	0.570	ug/L	97
65) 1,4-Dichlorobenzene		11.220	146	3842	1.121	ug/L	90
67) 1,2-Dichlorobenzene		11.590	146	2873	0.876	ug/L #	85
70) 1,2,4-trichlorobenzene		13.210	180	3136	1.504	ug/L	96
72) 1,2,3-Trichlorobenzene		13.689	180	3925	1.898	ug/L	98

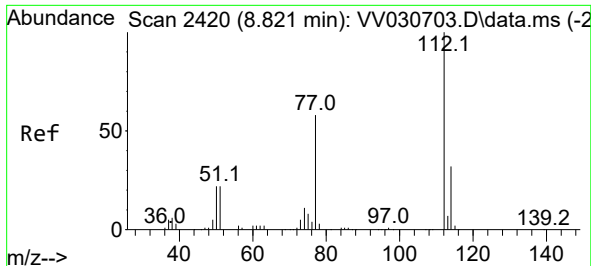
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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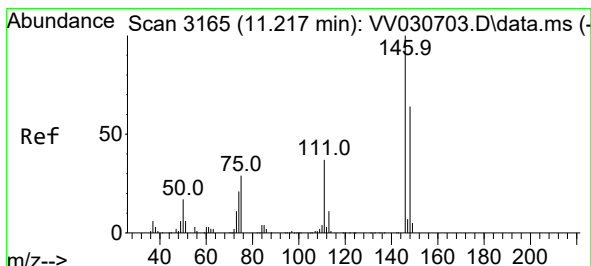
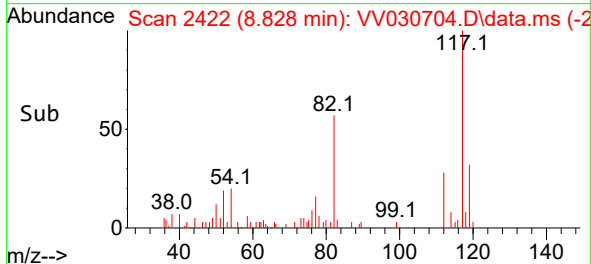
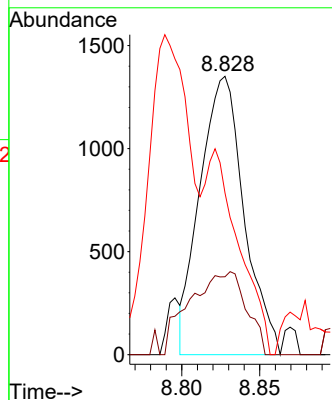
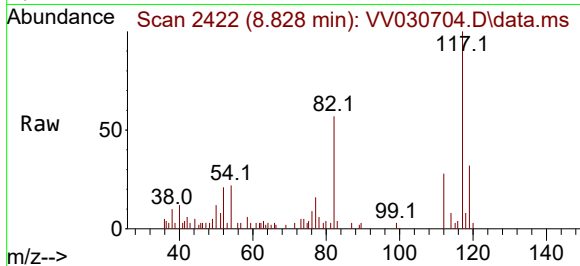




#51
Chlorobenzene
Concen: 0.570 ug/L
RT: 8.828 min Scan# 2420
Delta R.T. 0.006 min
Lab File: VV030704.D
Acq: 20 Apr 2023 10:06

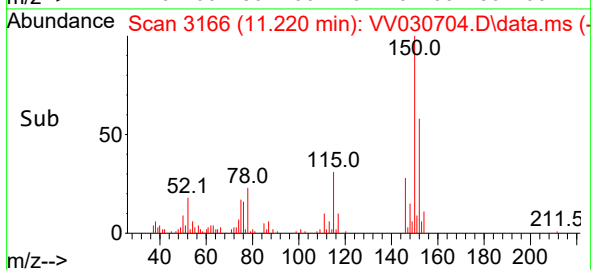
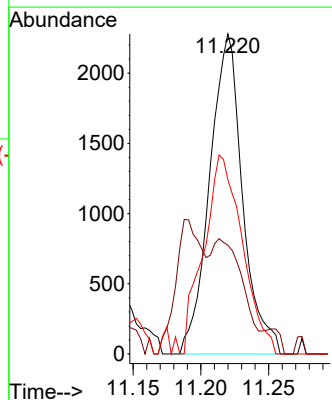
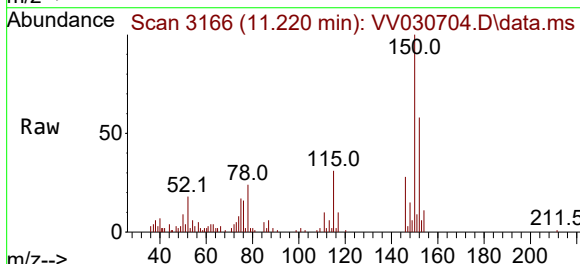
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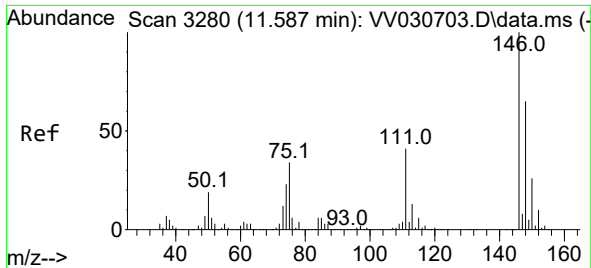
Tgt Ion:112 Resp: 2658
Ion Ratio Lower Upper
112 100
114 28.0 22.4 41.6
77 58.1 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 1.121 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030704.D
Acq: 20 Apr 2023 10:06

Tgt Ion:146 Resp: 3842
Ion Ratio Lower Upper
146 100
111 34.0 26.5 49.1
148 54.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.876 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030704.D

Acq: 20 Apr 2023 10:06

Instrument :

MSVOA_V

ClientSampleId :

VBLK327

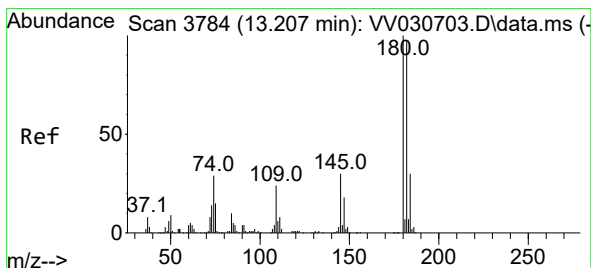
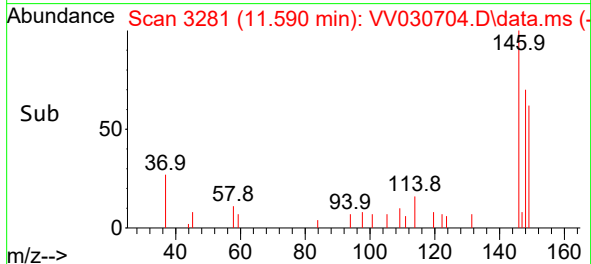
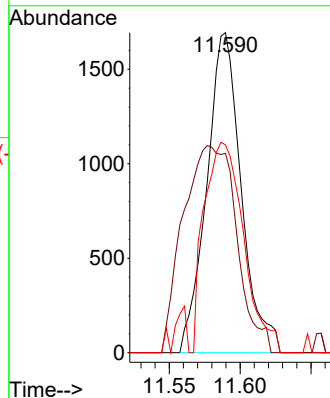
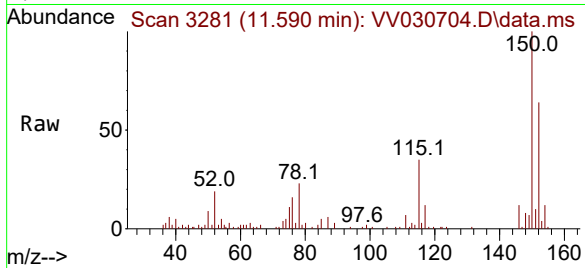
Tgt Ion:146 Resp: 2873

Ion Ratio Lower Upper

146 100

111 62.3 32.0 48.0#

148 64.9 50.6 76.0



#70

1,2,4-trichlorobenzene

Concen: 1.504 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030704.D

Acq: 20 Apr 2023 10:06

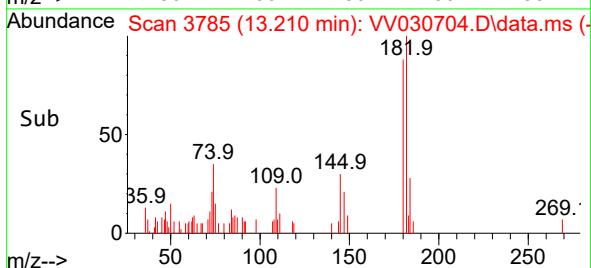
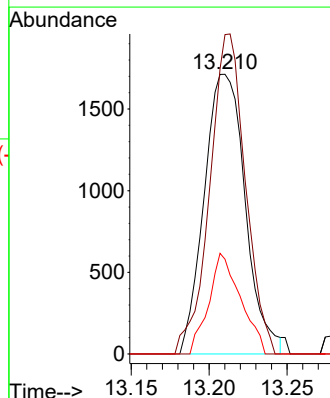
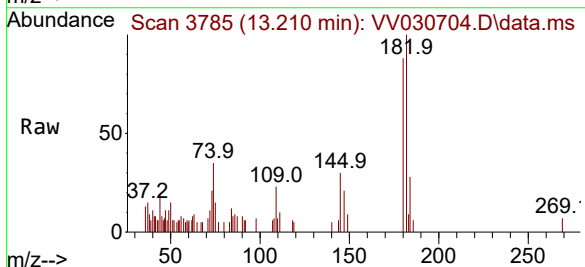
Tgt Ion:180 Resp: 3136

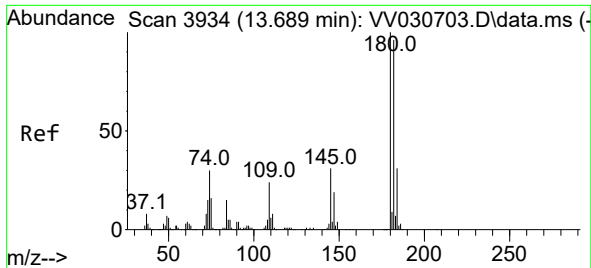
Ion Ratio Lower Upper

180 100

182 99.1 75.9 113.9

145 27.9 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.898 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030704.D
 Acq: 20 Apr 2023 10:06

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK327

Tgt Ion:180	Resp:	3925
Ion	Ratio	Lower Upper
180	100	
182	94.8	76.2 114.4
145	33.9	25.1 37.7

