

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042123\
 Data File : VV030755.D
 Acq On : 21 Apr 2023 11:19
 Operator : SY/MD
 Sample : VV0421MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK329

Quant Time: Apr 22 00:44:14 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)

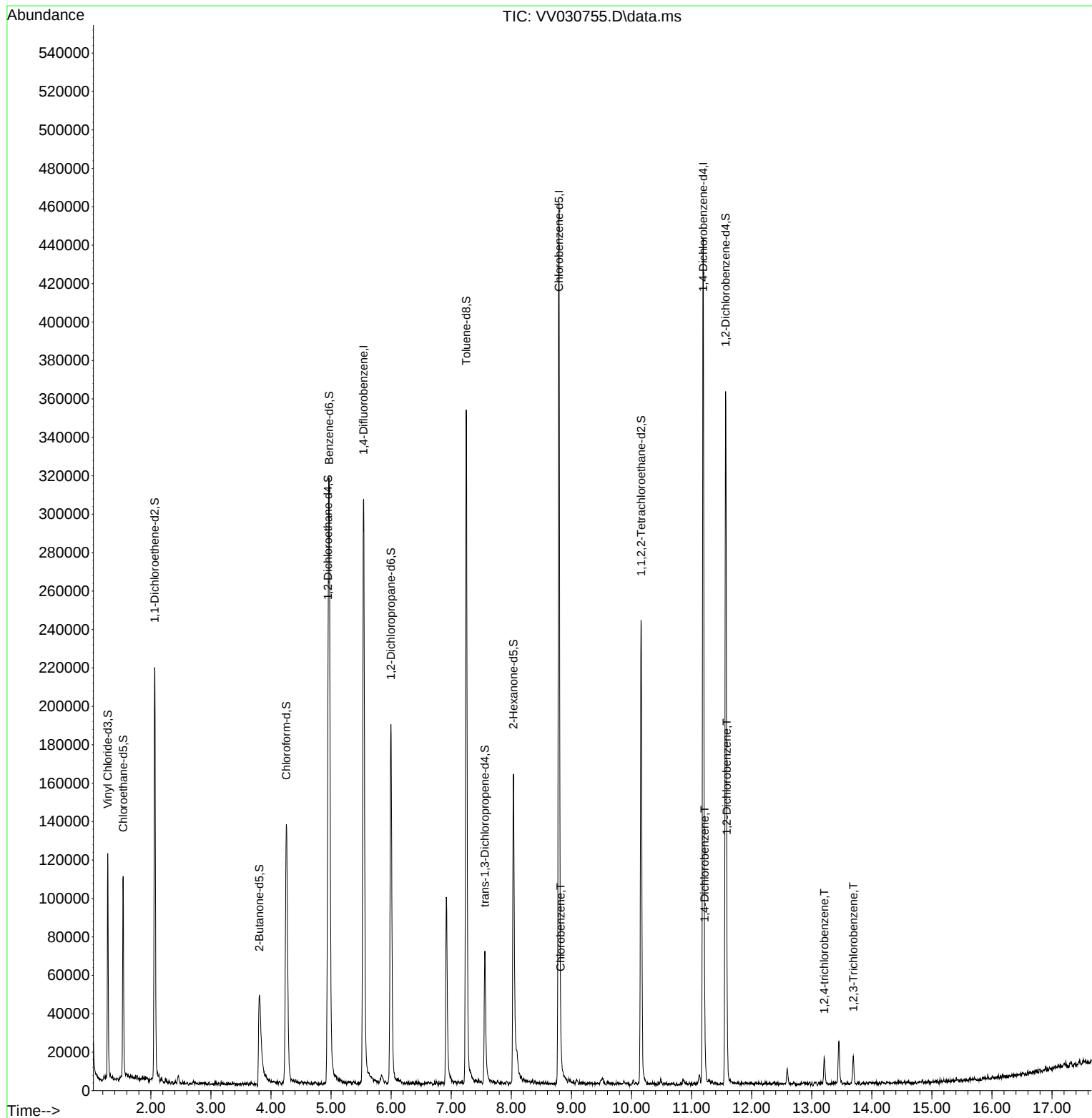
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	252764	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	242483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	117880	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	75941	40.984	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.960%		
7) Chloroethane-d5	1.539	69	63729	41.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.080%		
11) 1,1-Dichloroethene-d2	2.063	65	37124	42.247	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.500%		
21) 2-Butanone-d5	3.806	46	93050	91.427	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.430%		
24) Chloroform-d	4.256	84	139856	41.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.300%		
26) 1,2-Dichloroethane-d4	4.950	65	98437	45.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.200%		
32) Benzene-d6	4.969	84	264896	46.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.420%		
36) 1,2-Dichloropropane-d6	5.995	67	82164	46.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.280%		
41) Toluene-d8	7.249	98	231168	42.946	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.900%		
43) trans-1,3-Dichloroprop...	7.558	79	39624	44.146	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.300%		
47) 2-Hexanone-d5	8.034	63	56716	80.846	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.850%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108209	41.876	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.760%		
66) 1,2-Dichlorobenzene-d4	11.567	152	91931	49.065	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.120%		
Target Compounds						Qvalue
51) Chlorobenzene	8.821	112	2800	0.536	ug/L #	80
65) 1,4-Dichlorobenzene	11.217	146	4600	1.185	ug/L	89
67) 1,2-Dichlorobenzene	11.587	146	5672	1.528	ug/L #	92
70) 1,2,4-trichlorobenzene	13.210	180	3838	1.626	ug/L	93
72) 1,2,3-Trichlorobenzene	13.693	180	3942	1.684	ug/L	97

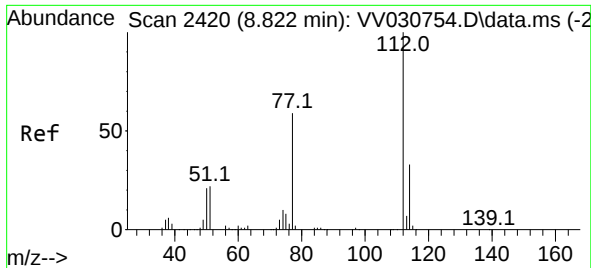
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 22 00:43:23 2023
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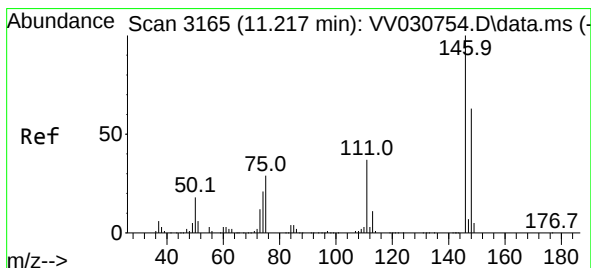
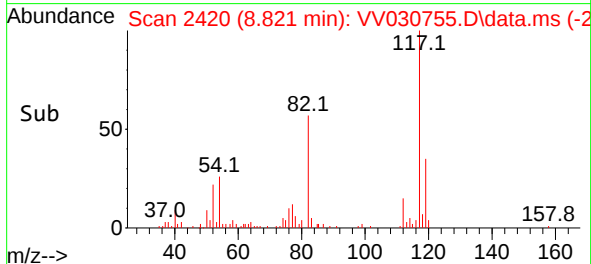
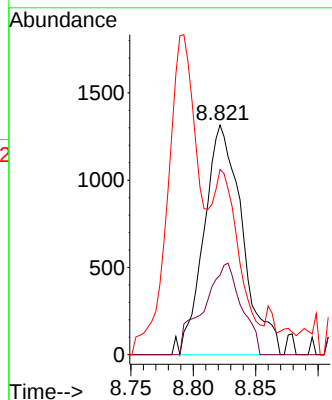
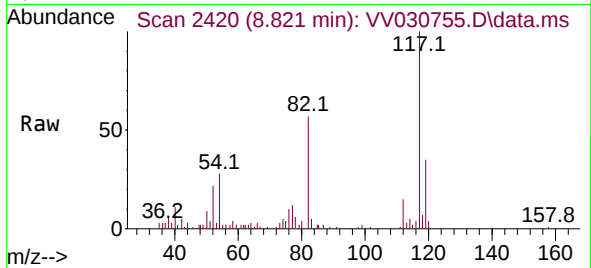




#51
Chlorobenzene
Concen: 0.536 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030755.D
Acq: 21 Apr 2023 11:19

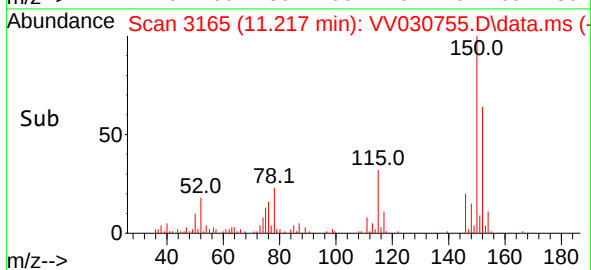
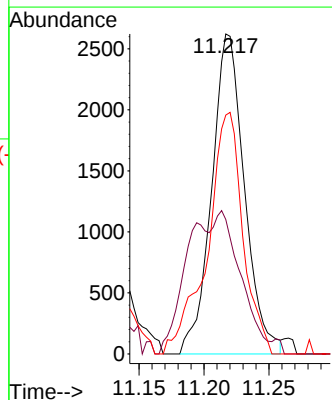
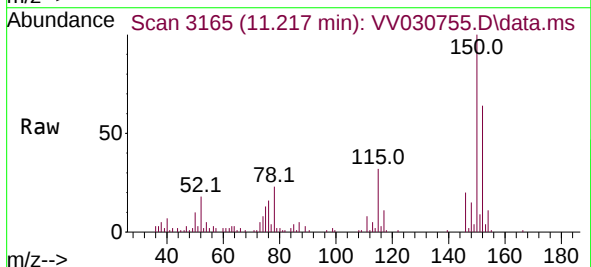
Instrument :
MSVOA_V
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VBLK329

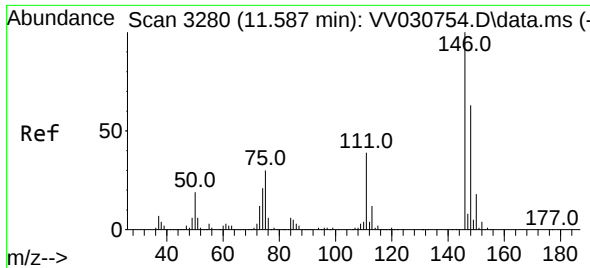
Tgt Ion:112 Resp: 2800
Ion Ratio Lower Upper
112 100
114 34.7 22.4 41.6
77 80.6 47.4 71.0#



#65
1,4-Dichlorobenzene
Concen: 1.185 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030755.D
Acq: 21 Apr 2023 11:19

Tgt Ion:146 Resp: 4600
Ion Ratio Lower Upper
146 100
111 42.0 26.5 49.1
148 74.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.528 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030755.D

Acq: 21 Apr 2023 11:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK329

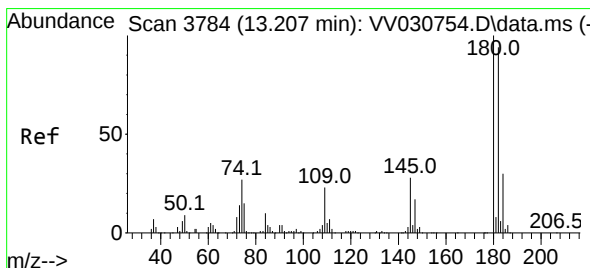
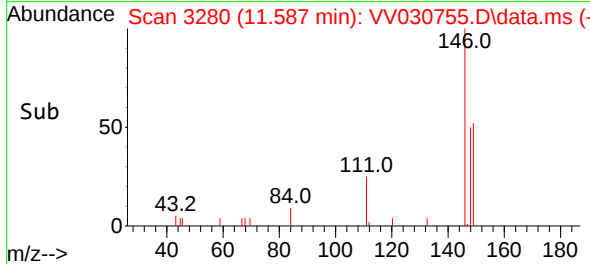
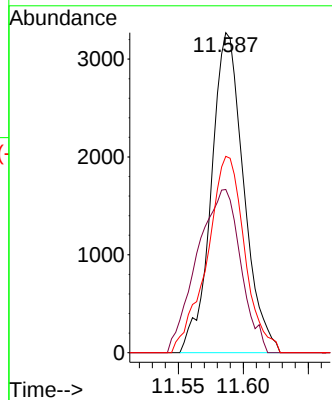
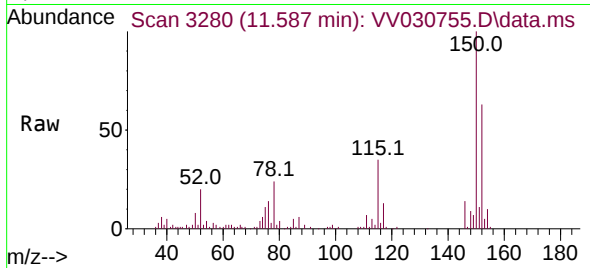
Tgt Ion:146 Resp: 5672

Ion Ratio Lower Upper

146 100

111 51.0 32.0 48.0#

148 61.3 50.6 76.0



#70

1,2,4-trichlorobenzene

Concen: 1.626 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030755.D

Acq: 21 Apr 2023 11:19

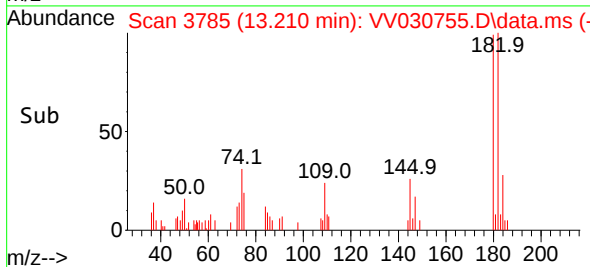
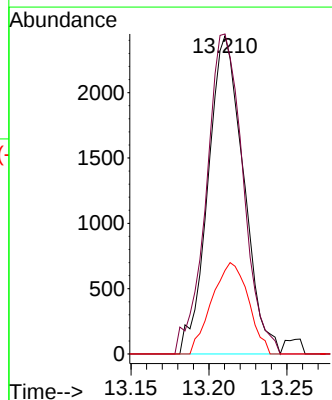
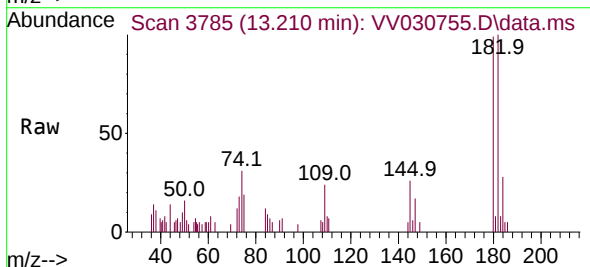
Tgt Ion:180 Resp: 3838

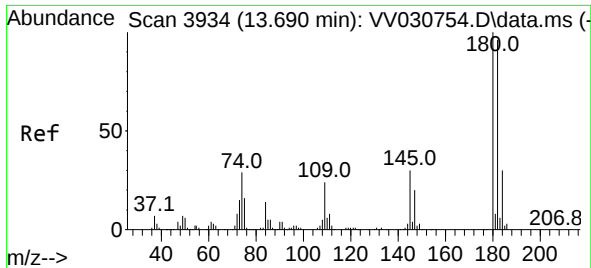
Ion Ratio Lower Upper

180 100

182 104.2 75.9 113.9

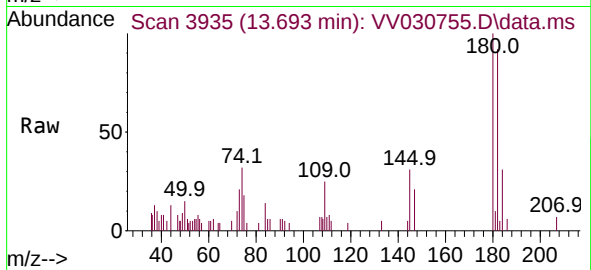
145 29.7 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.684 ug/L
 RT: 13.693 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030755.D
 Acq: 21 Apr 2023 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK329



Tgt Ion:	180	Resp:	3942
Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.2	114.4
145	32.2	25.1	37.7

