

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030686.D
 Acq On : 20 Apr 2023 00:10
 Operator : SY/MD
 Sample : 02411-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 06:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

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

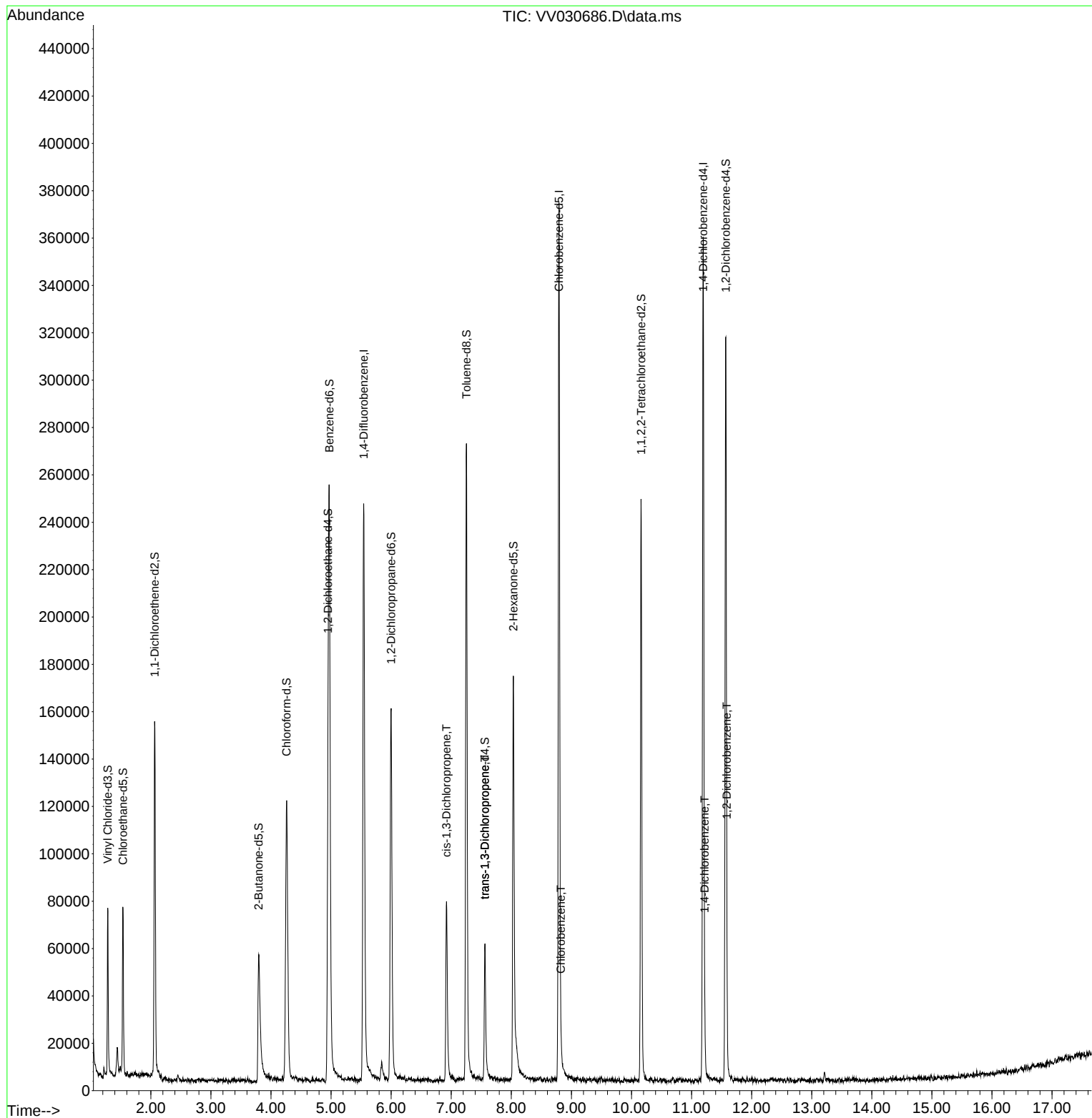
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	202863	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	199355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	95974	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46116	31.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.020%
7) Chloroethane-d5	1.536	69	43940	35.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.520%
11) 1,1-Dichloroethene-d2	2.063	65	25240	35.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.580%
21) 2-Butanone-d5	3.796	46	88498	108.344	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	4.259	84	121209	44.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
26) 1,2-Dichloroethane-d4	4.950	65	81512	47.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.080%
32) Benzene-d6	4.970	84	205721	43.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.300%
36) 1,2-Dichloropropane-d6	5.998	67	69158	47.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	7.252	98	177208	40.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	7.561	79	30718	41.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.260%
47) 2-Hexanone-d5	8.034	63	54979	95.324	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104807	49.334	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.660%
66) 1,2-Dichlorobenzene-d4	11.571	152	80761	52.942	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.880%
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	6.921	75	2200	0.900	ug/L #	66
44) trans-1,3-Dichloropropene	7.561	75	2043	0.850	ug/L #	83
51) Chlorobenzene	8.825	112	4030	0.938	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	3559	1.126	ug/L #	80
67) 1,2-Dichlorobenzene	11.587	146	2836	0.938	ug/L #	87

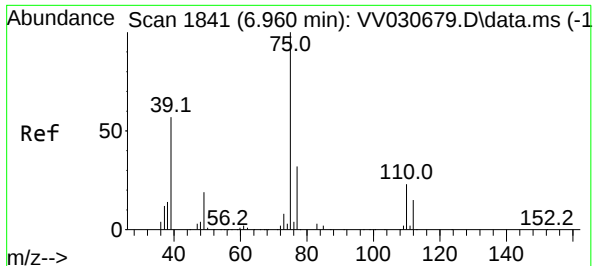
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 06:52:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:25:10 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 0.900 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV030686.D

Acq: 20 Apr 2023 00:10

Instrument :

MSVOA_V

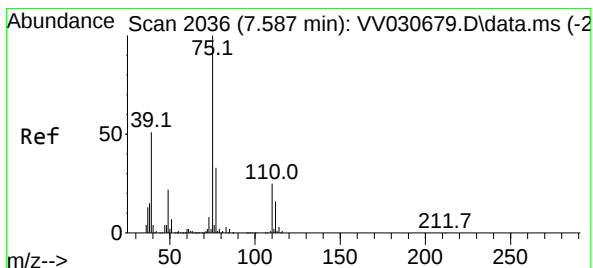
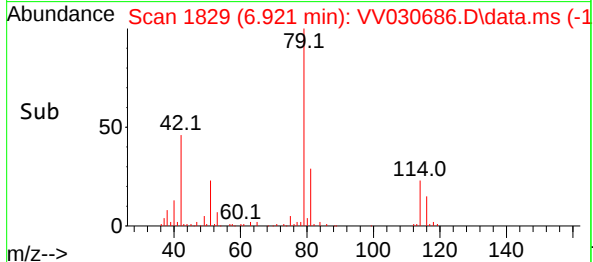
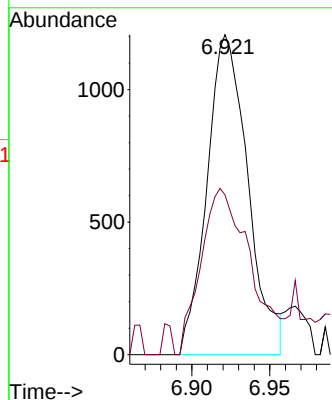
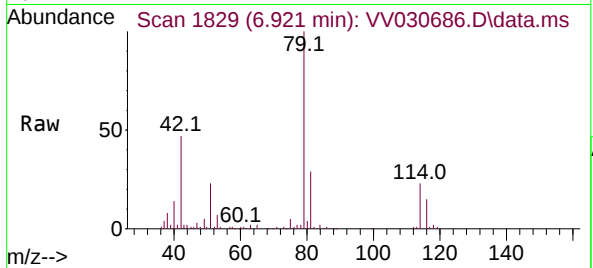
ClientSampleId :

Tgt Ion: 75 Resp: 2200

Ion Ratio Lower Upper

75 100

77 50.0 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.850 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV030686.D

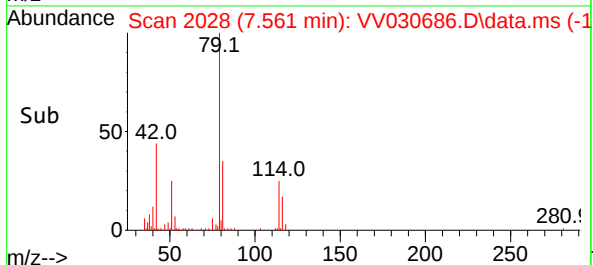
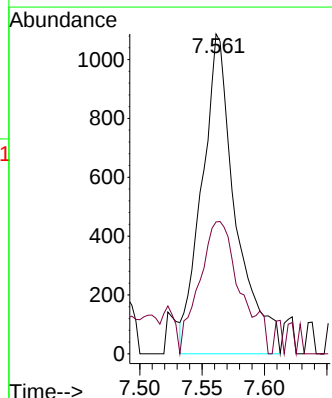
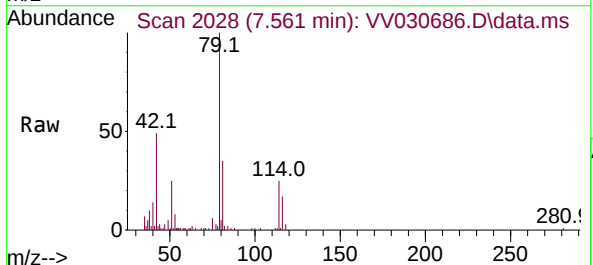
Acq: 20 Apr 2023 00:10

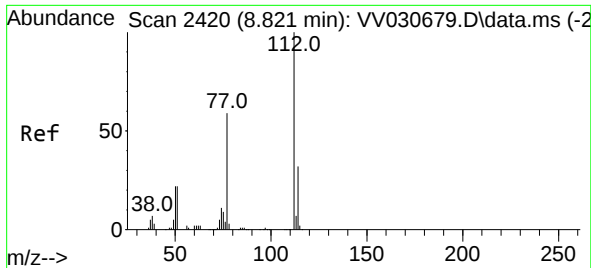
Tgt Ion: 75 Resp: 2043

Ion Ratio Lower Upper

75 100

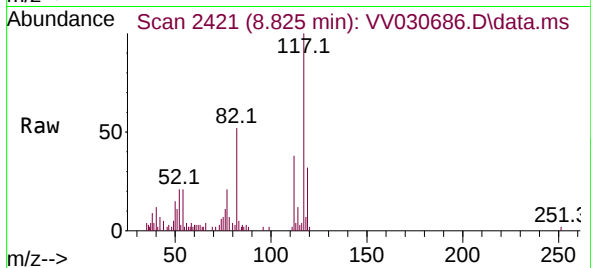
77 41.2 22.1 41.1#



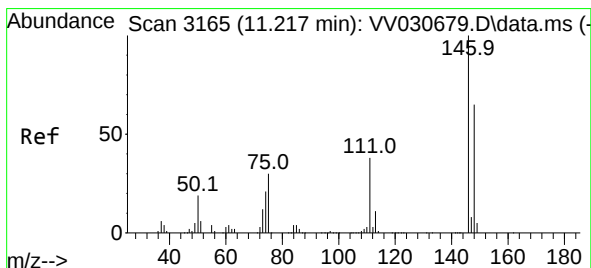
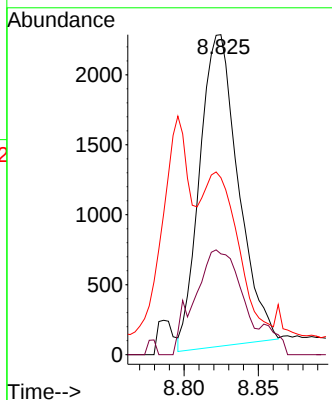
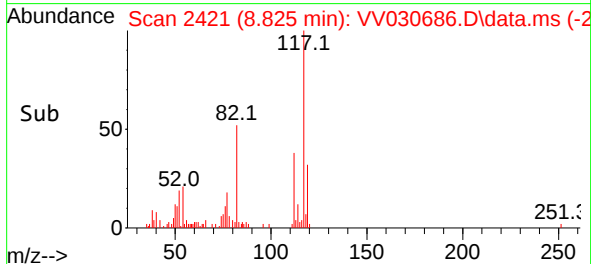


#51
Chlorobenzene
Concen: 0.938 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
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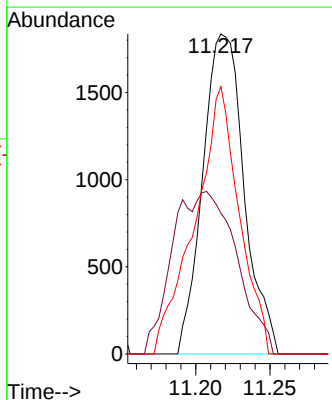
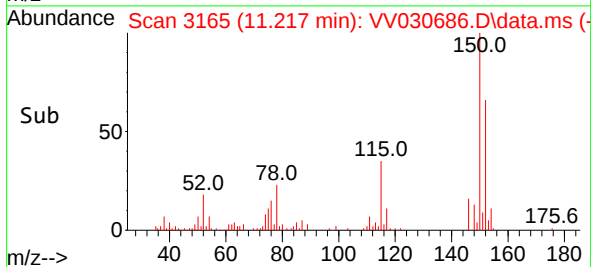
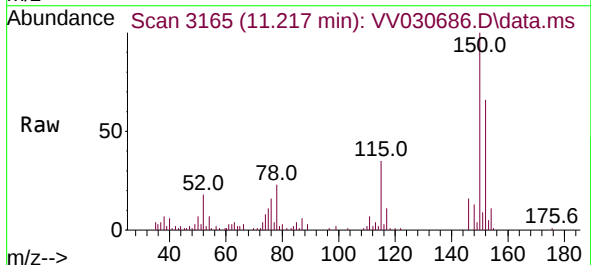


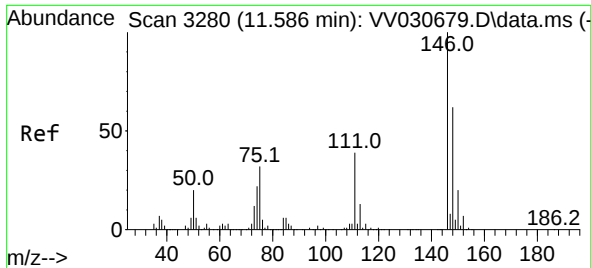
Tgt Ion:	112	Resp:	4030
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.4	41.6
77	55.3	47.4	71.0



#65
1,4-Dichlorobenzene
Concen: 1.126 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030686.D
Acq: 20 Apr 2023 00:10

Tgt Ion:	146	Resp:	3559
Ion Ratio	Lower	Upper	
146	100		
111	44.0	26.5	49.1
148	83.6	44.7	83.1#





#67

1,2-Dichlorobenzene

Concen: 0.938 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

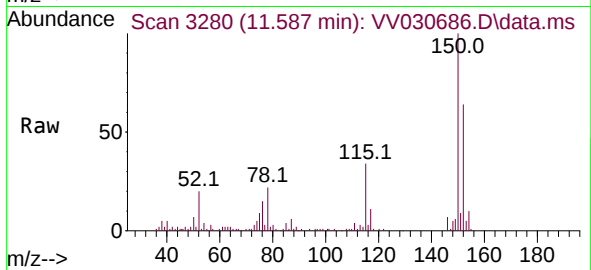
Lab File: VV030686.D

Acq: 20 Apr 2023 00:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	146	Resp:	2836
Ion	Ratio	Lower	Upper
146	100		
111	51.2	32.0	48.0#
148	71.1	50.6	76.0

