

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030774.D
 Acq On : 21 Apr 2023 18:54
 Operator : SY/MD
 Sample : 02440-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMQ2

Quant Time: Apr 22 00:48:40 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

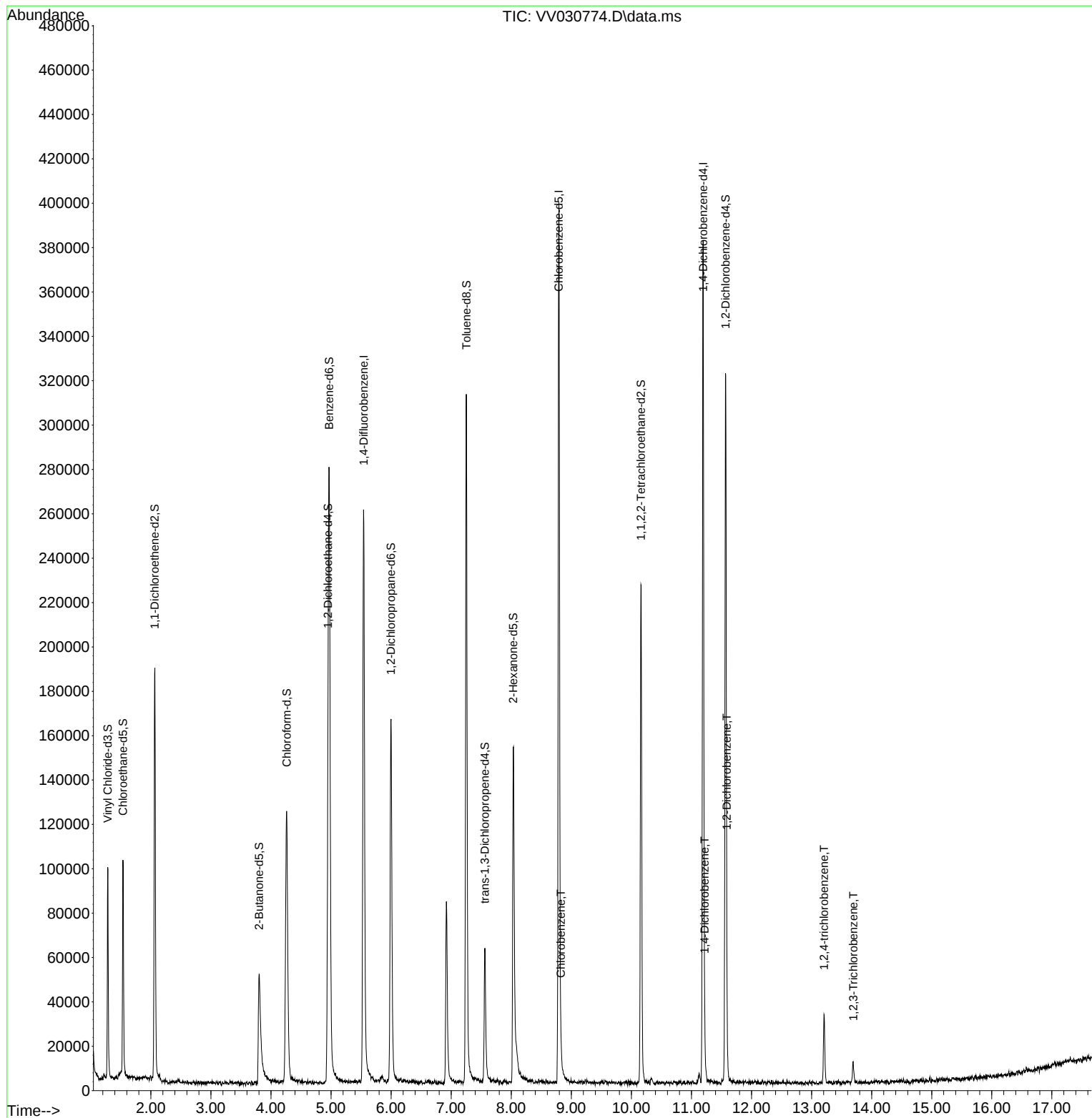
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	218000	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	210894	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	102598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	62489	39.102	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.200%	
7) Chloroethane-d5	1.536	69	56061	41.861	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	83.720%	
11) 1,1-Dichloroethene-d2	2.063	65	30916	40.793	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.580%	
21) 2-Butanone-d5	3.802	46	86327	98.347	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.350%	
24) Chloroform-d	4.262	84	128160	44.252	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.500%	
26) 1,2-Dichloroethane-d4	4.950	65	87823	47.166	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.340%	
32) Benzene-d6	4.970	84	230584	46.245	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.500%	
36) 1,2-Dichloropropane-d6	5.998	67	70423	45.469	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	90.940%	
41) Toluene-d8	7.252	98	198141	42.324	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.640%	
43) trans-1,3-Dichloroprop...	7.561	79	32529	41.670	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.340%	
47) 2-Hexanone-d5	8.034	63	52623	86.247	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.250%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	99652	44.341	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	88.680%	
66) 1,2-Dichlorobenzene-d4	11.567	152	82737	50.735	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.480%	
Target Compounds						
51) Chlorobenzene	8.825	112	2796	0.615	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	3078	0.911	ug/L	89
67) 1,2-Dichlorobenzene	11.587	146	2950	0.913	ug/L #	87
70) 1,2,4-trichlorobenzene	13.207	180	9359	4.555	ug/L	99
72) 1,2,3-Trichlorobenzene	13.696	180	2321	1.139	ug/L #	78

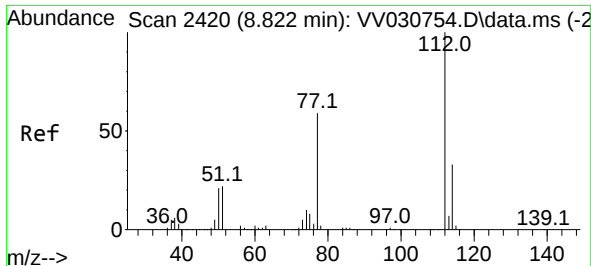
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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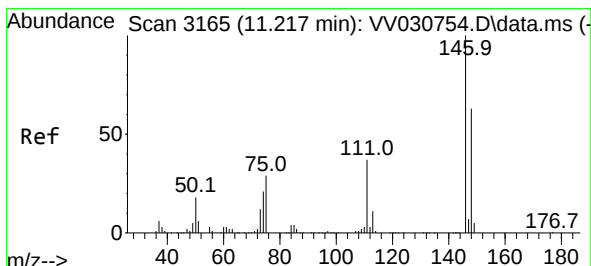
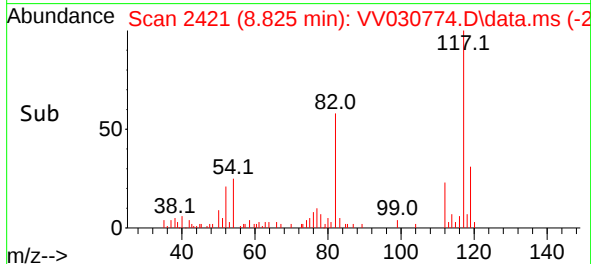
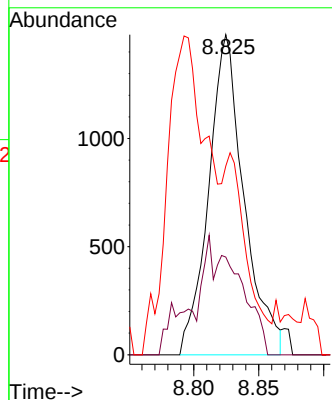
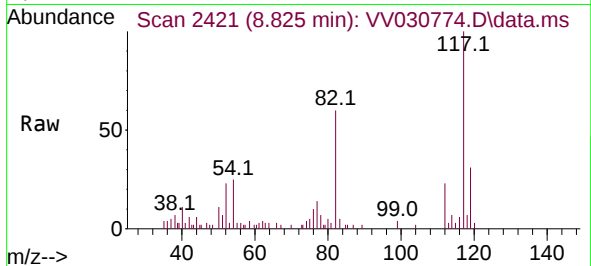




#51
Chlorobenzene
Concen: 0.615 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030774.D
Acq: 21 Apr 2023 18:54

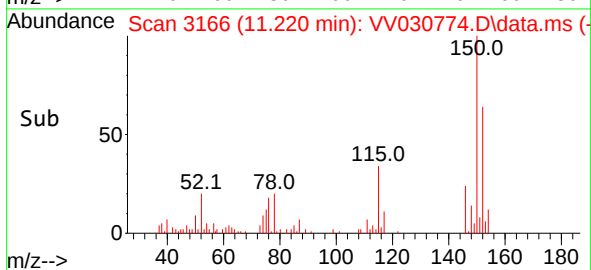
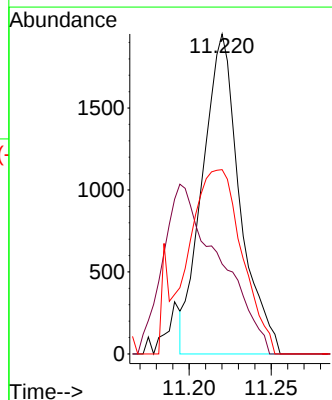
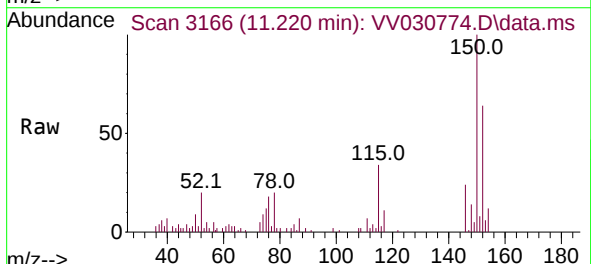
Instrument :
MSVOA_V
ClientSampleId :
COMQ2

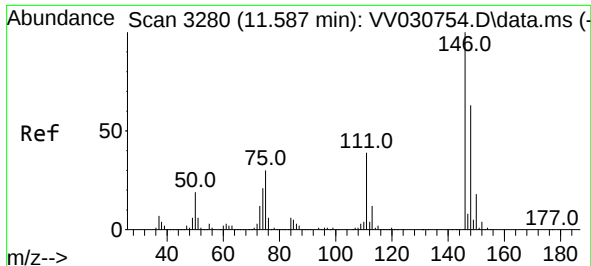
Tgt Ion:112 Resp: 2796
Ion Ratio Lower Upper
112 100
114 30.5 22.4 41.6
77 59.0 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 0.911 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030774.D
Acq: 21 Apr 2023 18:54

Tgt Ion:146 Resp: 3078
Ion Ratio Lower Upper
146 100
111 28.1 26.5 49.1
148 57.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.913 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030774.D

Acq: 21 Apr 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

COMQ2

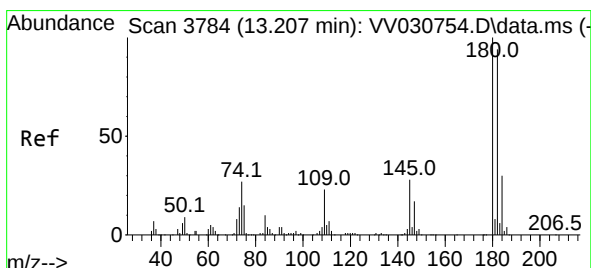
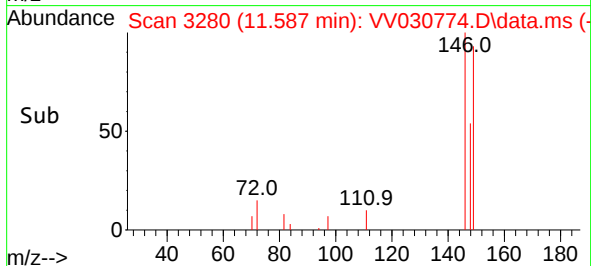
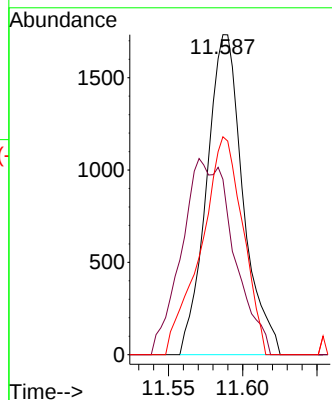
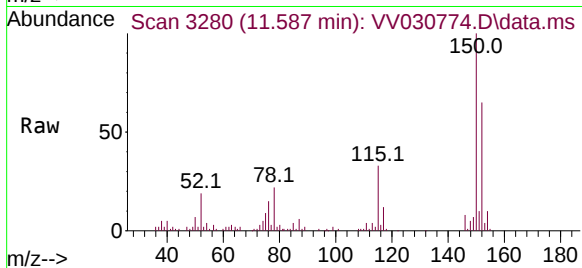
Tgt Ion:146 Resp: 2950

Ion Ratio Lower Upper

146 100

111 54.8 32.0 48.0#

148 68.1 50.6 76.0



#70

1,2,4-trichlorobenzene

Concen: 4.555 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030774.D

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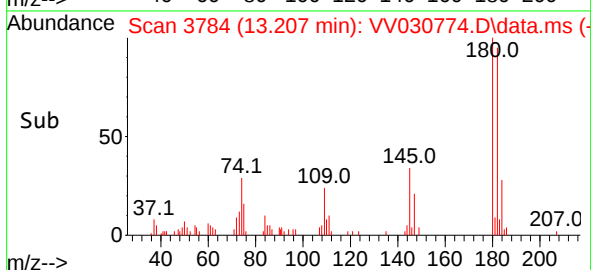
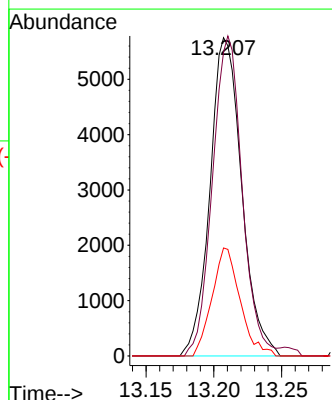
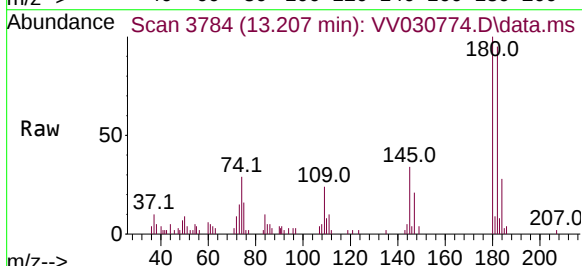
Tgt Ion:180 Resp: 9359

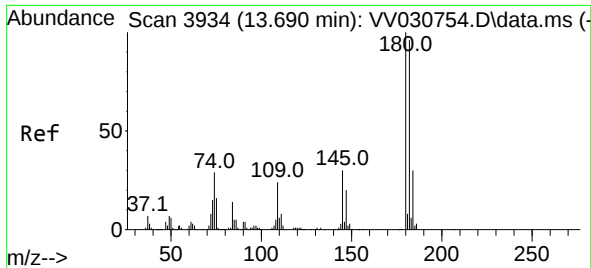
Ion Ratio Lower Upper

180 100

182 93.7 75.9 113.9

145 29.6 23.4 35.2





#72

1,2,3-Trichlorobenzene

Concen: 1.139 ug/L

RT: 13.696 min Scan# 3936

Delta R.T. 0.006 min

Lab File: VV030774.D

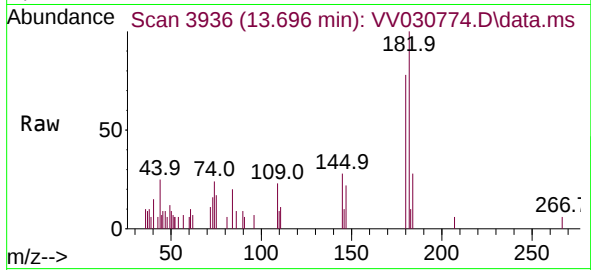
Acq: 21 Apr 2023 18:54

Instrument :

MSVOA_V

ClientSampleId :

COMQ2



Tgt Ion:180 Resp: 2321

Ion Ratio Lower Upper

180 100

182 117.1 76.2 114.4#

145 41.7 25.1 37.7#

