

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040994.D
 Acq On : 11 Apr 2024 22:48
 Operator : JC/MD
 Sample : P2048-04DL 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0R51DL

Quant Time: Apr 12 01:49:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

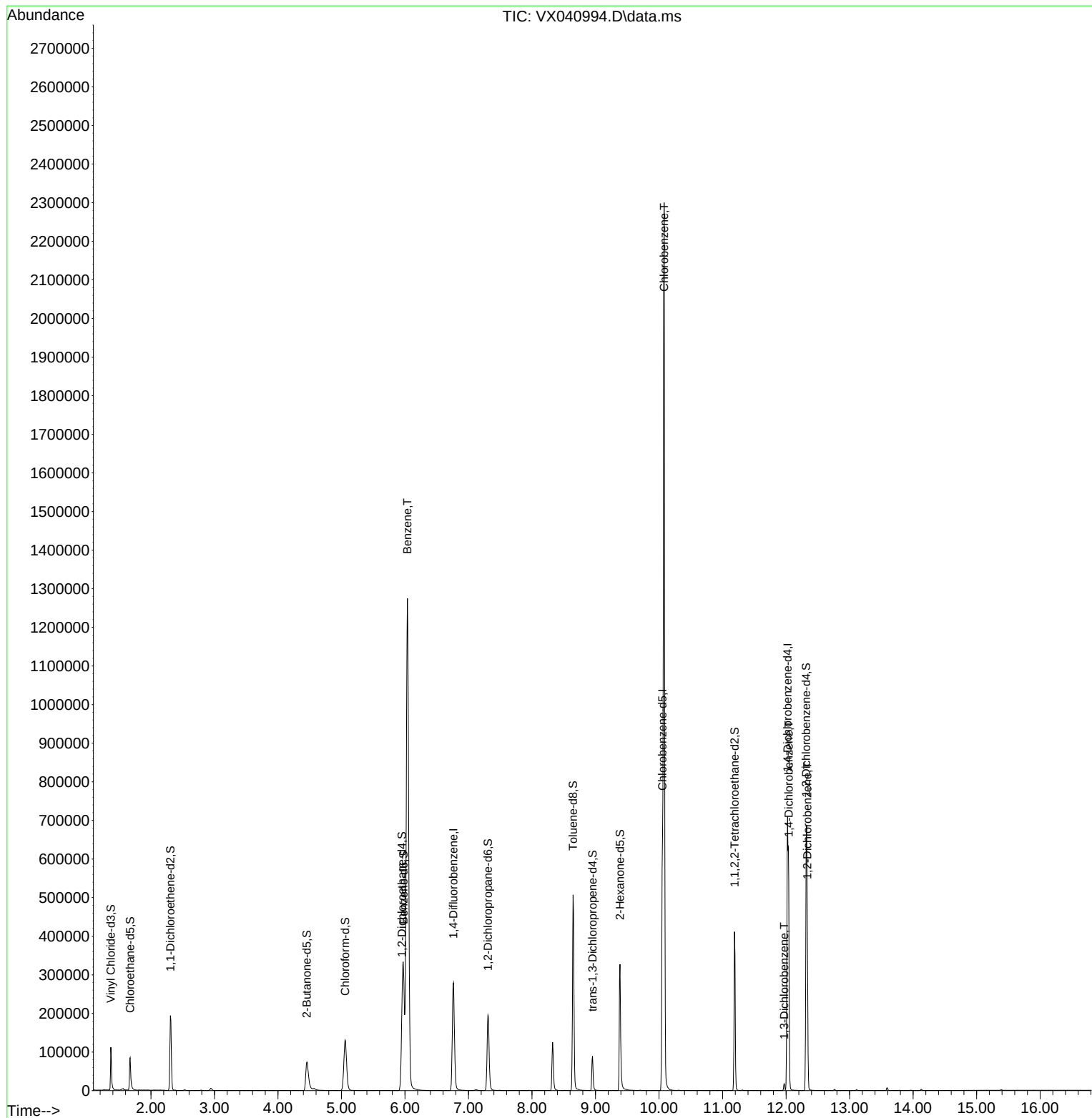
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	303349	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	286141	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78523	36.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.780%
7) Chloroethane-d5	1.672	69	71038	40.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.740%
11) 1,1-Dichloroethene-d2	2.306	65	34446	37.393	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.780%
21) 2-Butanone-d5	4.452	46	129979	110.592	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.590%
24) Chloroform-d	5.056	84	169483	42.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.952	65	112331	42.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
32) Benzene-d6	5.977	84	337949	43.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	7.306	67	99999	44.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.280%
41) Toluene-d8	8.647	98	307858	40.565	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.140%
43) trans-1,3-Dichloroprop...	8.952	79	43573	38.218	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.440%
47) 2-Hexanone-d5	9.384	63	90474	94.716	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	151834	45.241	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.480%
66) 1,2-Dichlorobenzene-d4	12.317	152	137120	45.597	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
33) Benzene	6.038	78	1560510	210.200	ug/L	100
51) Chlorobenzene	10.079	112	1040240	180.544	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	6797	1.478	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	188147	39.854	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	121336	27.199	ug/L	96

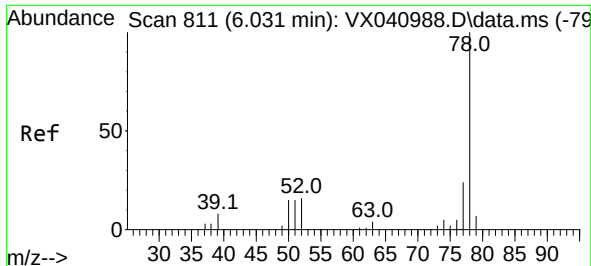
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

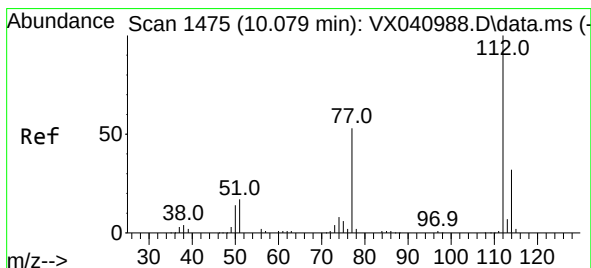
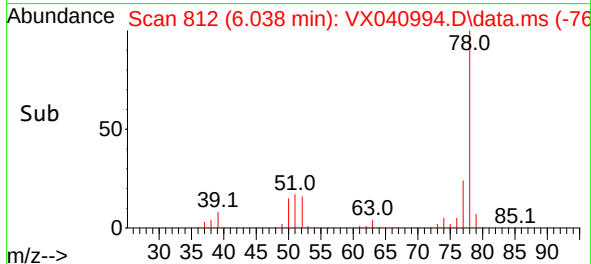
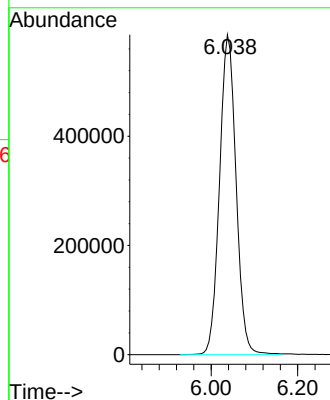
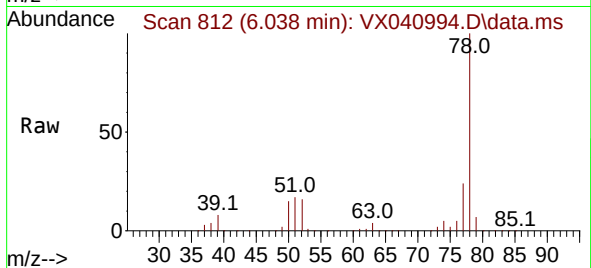




#33
Benzene
Concen: 210.200 ug/L
RT: 6.038 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX040994.D
Acq: 11 Apr 2024 22:48

Instrument :
MSVOA_X
ClientSampleId :
MC0R51DL

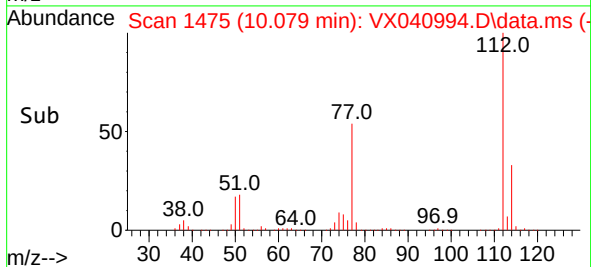
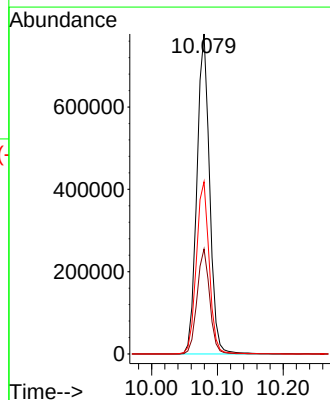
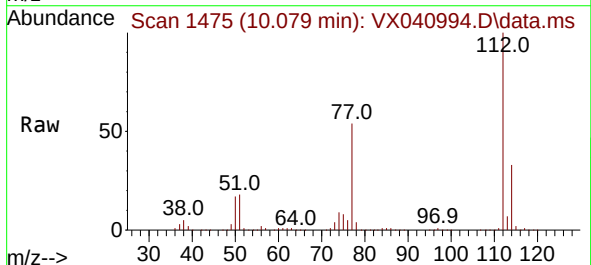
Tgt Ion: 78 Resp: 1560510

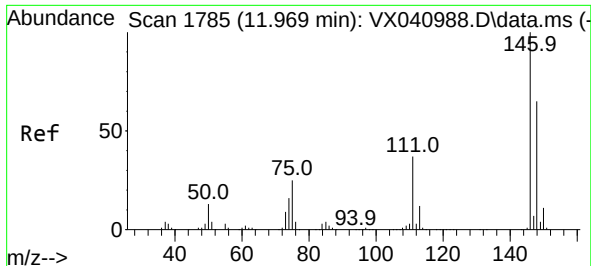


#51
Chlorobenzene
Concen: 180.544 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040994.D
Acq: 11 Apr 2024 22:48

Tgt Ion:112 Resp: 1040240

Ion	Ratio	Lower	Upper
112	100		
114	32.8	23.0	42.8
77	53.8	43.4	65.0





#64

1,3-Dichlorobenzene

Concen: 1.478 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040994.D

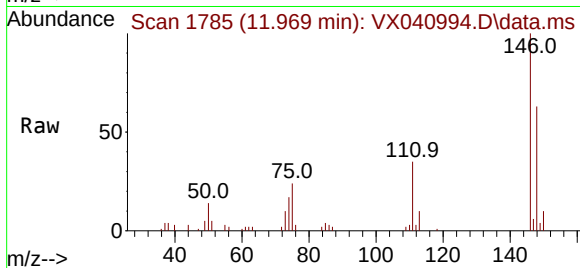
Acq: 11 Apr 2024 22:48

Instrument :

MSVOA_X

ClientSampleId :

MC0R51DL



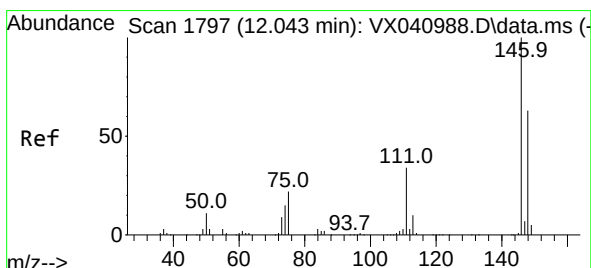
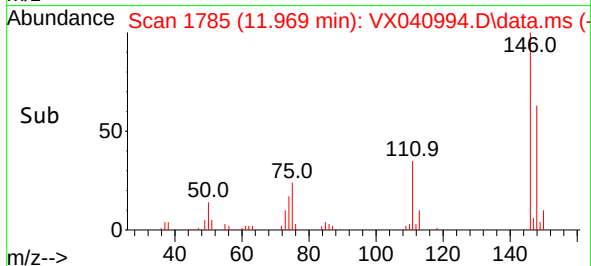
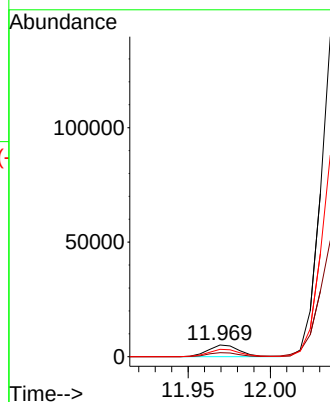
Tgt Ion:146 Resp: 6797

Ion Ratio Lower Upper

146 100

111 34.5 25.3 47.1

148 62.8 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 39.854 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040994.D

Acq: 11 Apr 2024 22:48

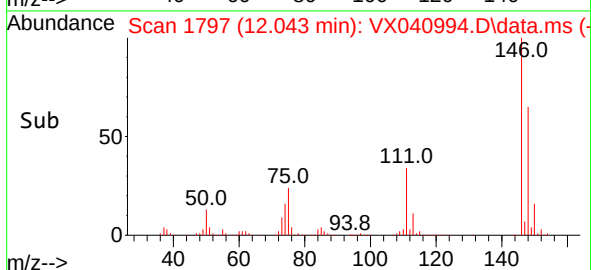
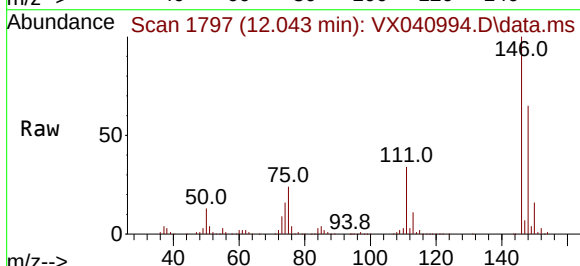
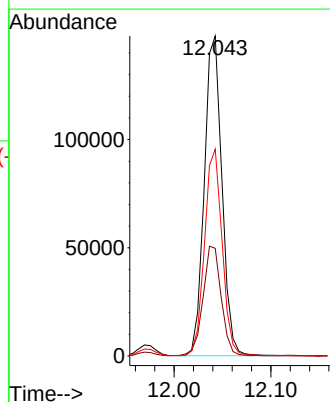
Tgt Ion:146 Resp: 188147

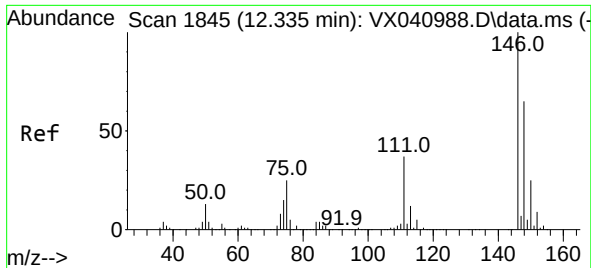
Ion Ratio Lower Upper

146 100

111 33.7 23.4 43.6

148 64.6 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 27.199 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040994.D

Acq: 11 Apr 2024 22:48

Instrument :

MSVOA_X

ClientSampleId :

MC0R51DL

Tgt Ion:146 Resp: 121336

Ion Ratio Lower Upper

146 100

111 36.4 31.8 47.8

148 64.3 53.2 79.8

