

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035209.D
 Acq On : 20 Apr 2023 12:21
 Operator : JC/MD
 Sample : 02397-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VHBLK001

Quant Time: Apr 20 23:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

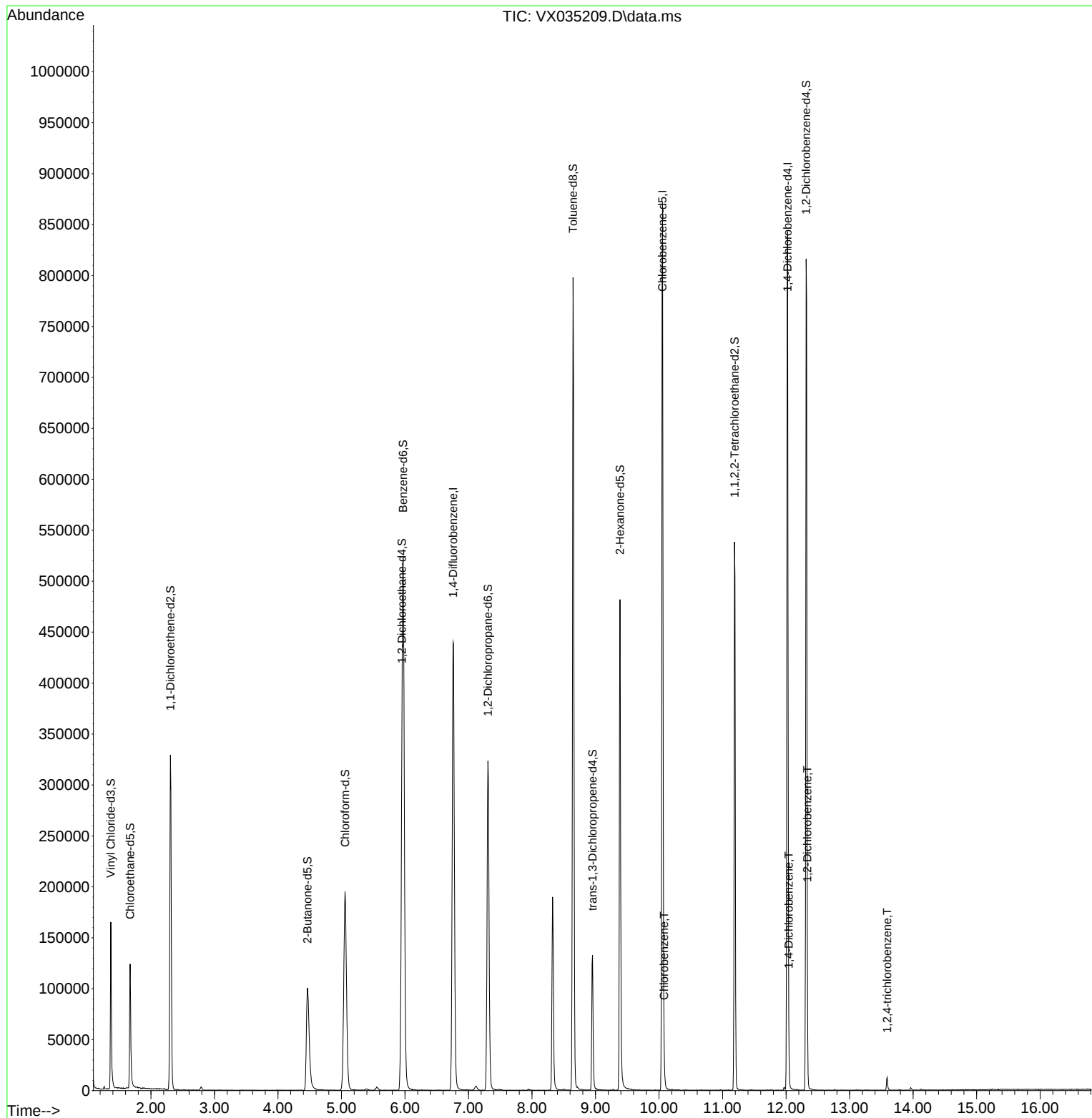
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	463559	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	398043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	113154	37.857	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	75.720%	
7) Chloroethane-d5	1.672	69	89016	41.214	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.420%	
11) 1,1-Dichloroethene-d2	2.307	65	59373	41.514	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.020%	
21) 2-Butanone-d5	4.465	46	199739	100.277	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.280%	
24) Chloroform-d	5.056	84	248111	44.078	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.160%	
26) 1,2-Dichloroethane-d4	5.952	65	169699	46.946	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.900%	
32) Benzene-d6	5.970	84	530403	46.387	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.780%	
36) 1,2-Dichloropropane-d6	7.306	67	166614	47.703	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.400%	
41) Toluene-d8	8.647	98	471222	45.093	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.180%	
43) trans-1,3-Dichloroprop...	8.952	79	62874	41.191	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.380%	
47) 2-Hexanone-d5	9.385	63	138766	98.935	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	98.940%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	208070	48.643	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.280%	
66) 1,2-Dichlorobenzene-d4	12.317	152	170024	46.965	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.940%	
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	10123	1.229	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	9968	1.681	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	7426	1.264	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3526	1.051	ug/L	97

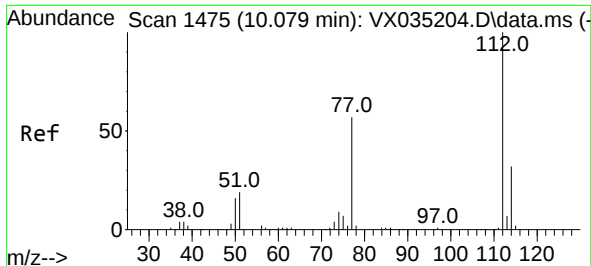
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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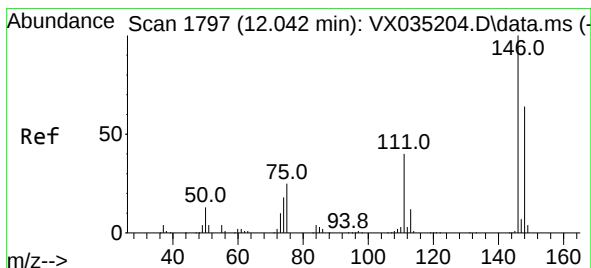
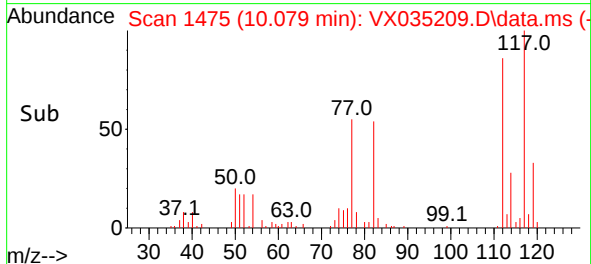
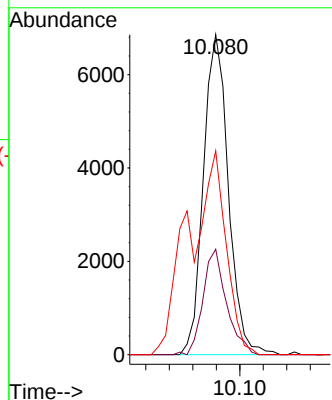
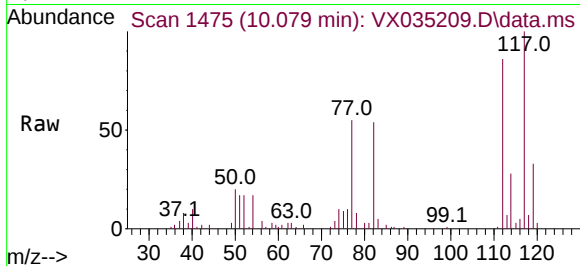




#51
Chlorobenzene
Concen: 1.229 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

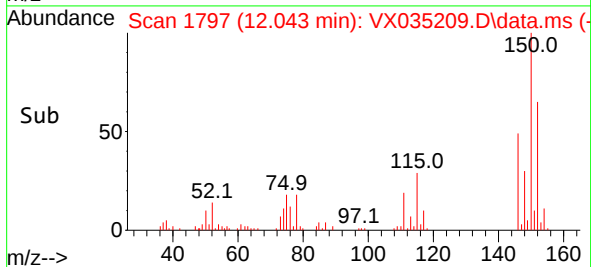
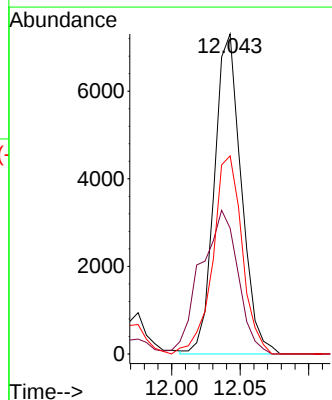
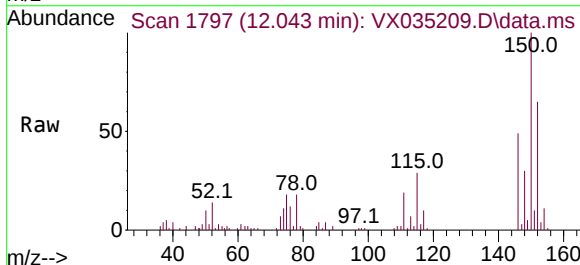
Instrument :
MSVOA_X
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VHBLK001

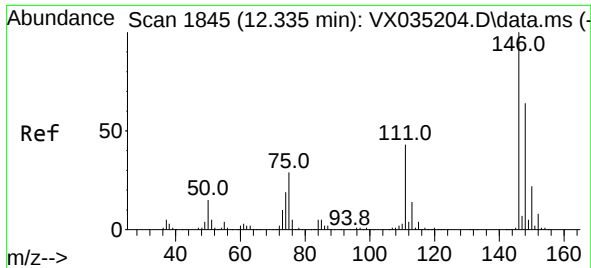
Tgt Ion:112 Resp: 10123
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 63.7 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 1.681 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

Tgt Ion:146 Resp: 9968
Ion Ratio Lower Upper
146 100
111 39.3 27.9 51.7
148 61.9 45.9 85.3

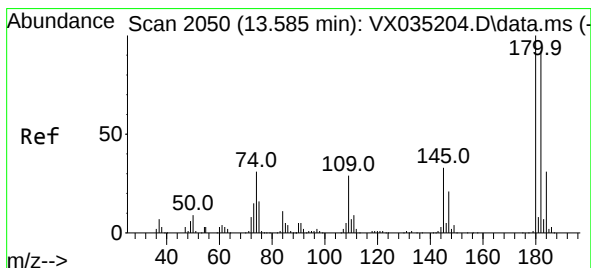
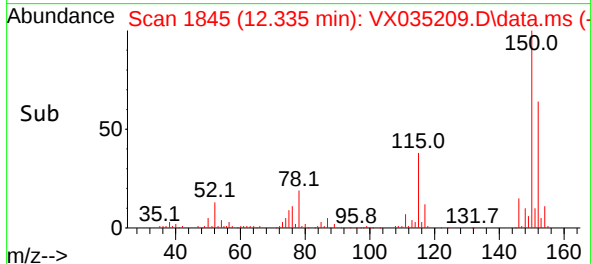
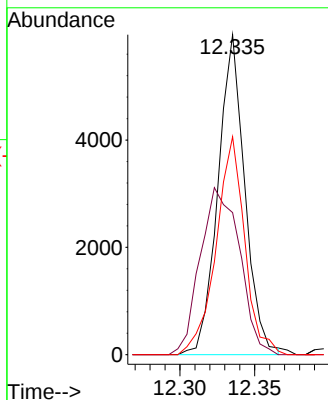
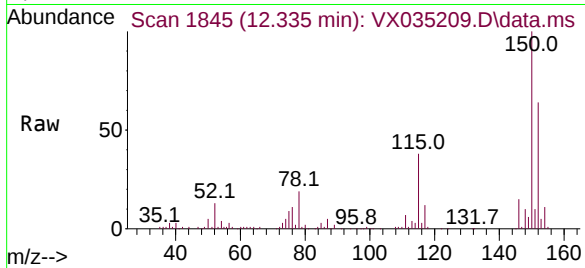




#67
 1,2-Dichlorobenzene
 Concen: 1.264 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
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Tgt Ion:146	Resp:	7426
Ion Ratio	Lower	Upper
146	100	
111	44.4	34.7 52.1
148	68.1	52.1 78.1



#70
 1,2,4-trichlorobenzene
 Concen: 1.051 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035209.D
 Acq: 20 Apr 2023 12:21

Tgt Ion:180	Resp:	3526
Ion Ratio	Lower	Upper
180	100	
182	99.0	76.6 114.8
145	31.0	26.2 39.4

