

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039364.D
 Acq On : 19 Dec 2023 18:13
 Operator : JC/MD
 Sample : 05808-08 100X
 Misc : 4.19g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B02

Quant Time: Dec 19 22:07:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

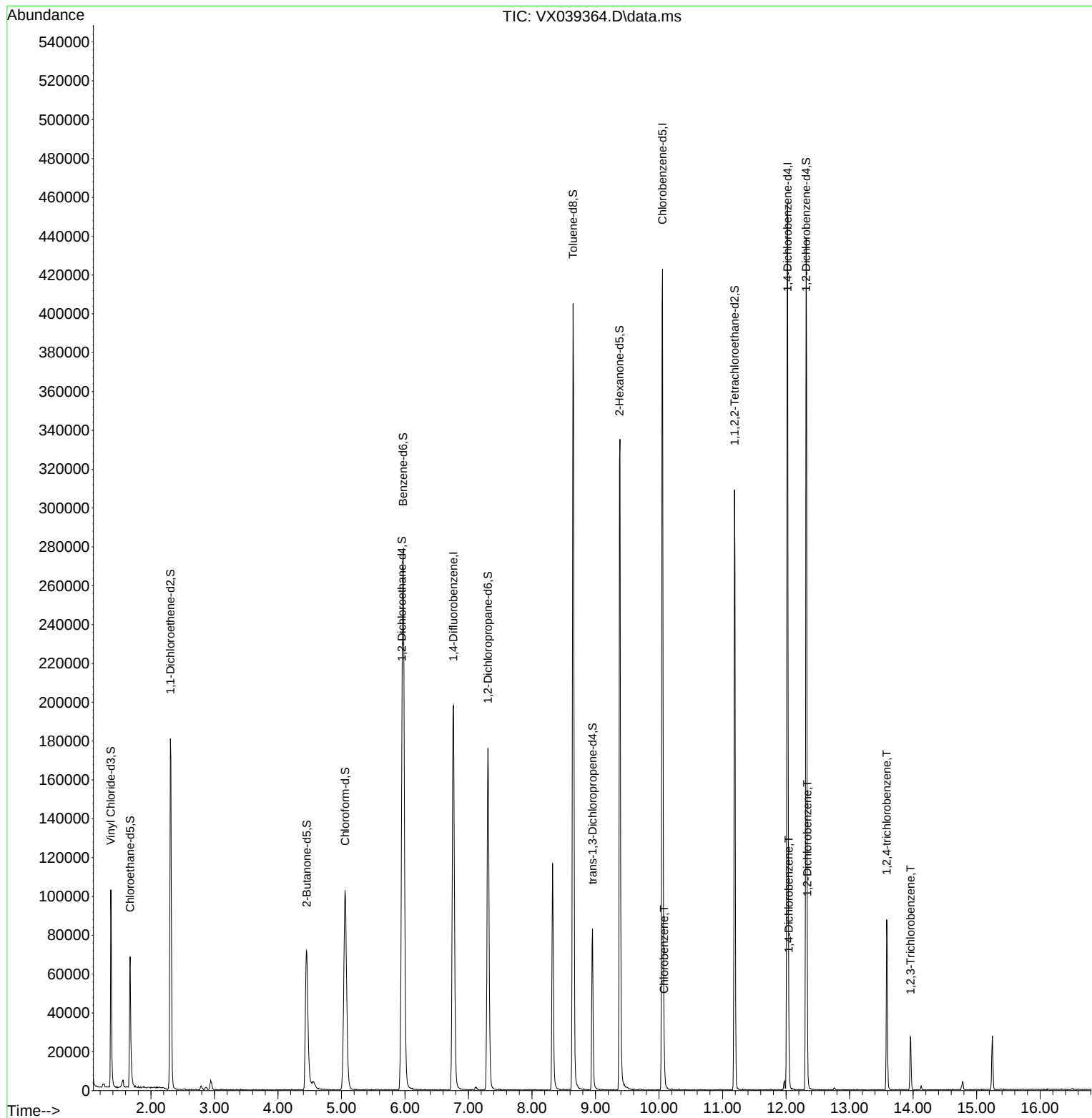
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	194920	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	69254	45.298	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.600%		
7) Chloroethane-d5	1.672	69	51976	45.995	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.980%		
11) 1,1-Dichloroethene-d2	2.306	65	33090	49.307	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.620%		
21) 2-Butanone-d5	4.452	46	131460	94.992	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.990%		
24) Chloroform-d	5.056	84	127367	47.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.120%		
26) 1,2-Dichloroethane-d4	5.952	65	91604	52.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.520%		
32) Benzene-d6	5.970	84	268886	47.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
36) 1,2-Dichloropropane-d6	7.305	67	87831	48.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.180%		
41) Toluene-d8	8.647	98	235645	46.293	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.580%		
43) trans-1,3-Dichloroprop...	8.951	79	37508	40.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.540%		
47) 2-Hexanone-d5	9.378	63	94737	87.748	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.750%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118187	46.089	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.180%		
66) 1,2-Dichlorobenzene-d4	12.317	152	79909	47.618	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.240%		
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	5666	1.496	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	6754	2.400	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	3138	1.181	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	18114	10.464	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	5984	3.570	ug/L	93

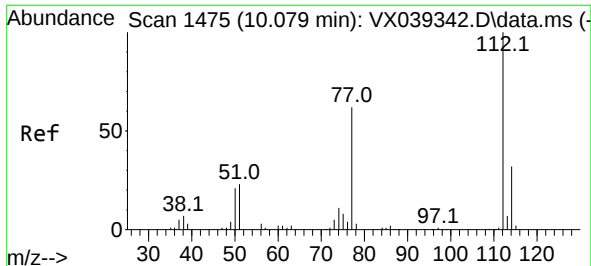
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration

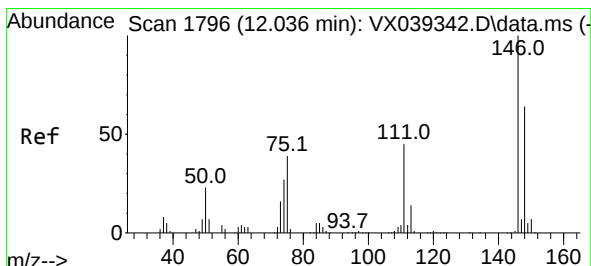
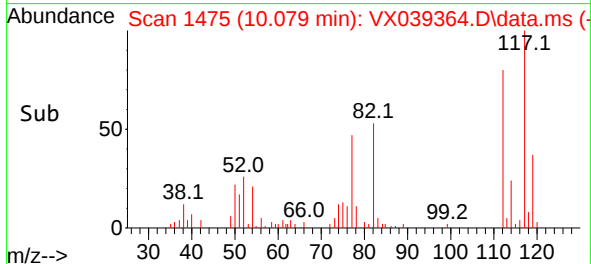
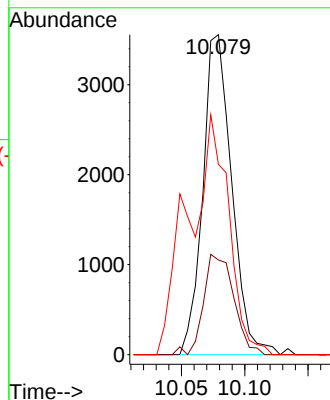
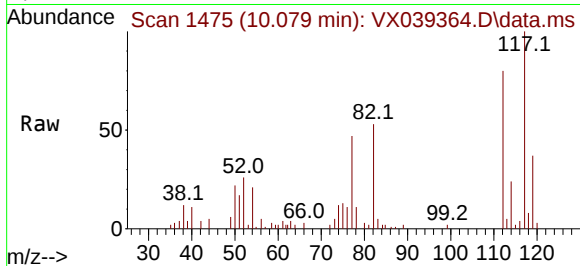




#51
Chlorobenzene
Concen: 1.496 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

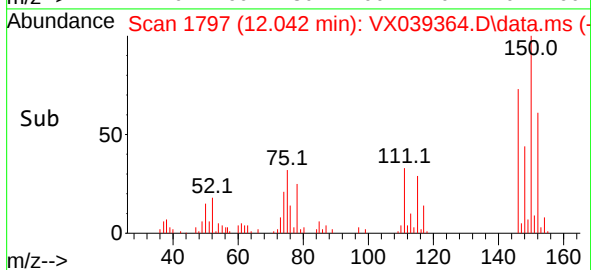
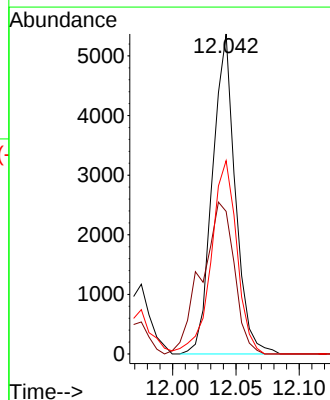
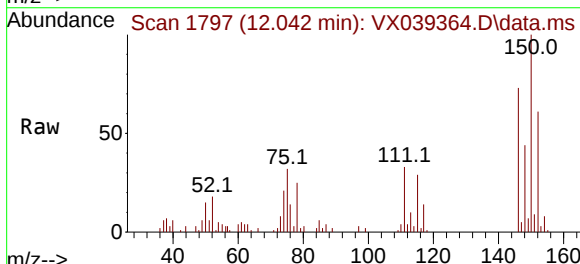
Instrument :
MSVOA_X
ClientSampleId :
C0B02

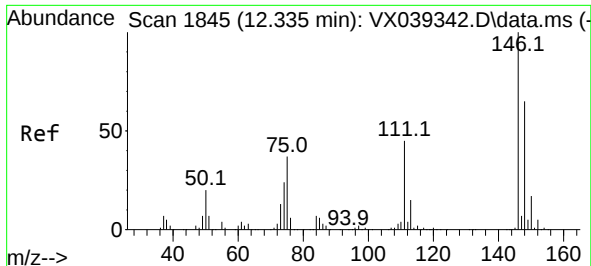
Tgt Ion:	112	Resp:	5666
Ion Ratio	Lower	Upper	
112	100		
114	29.6	21.8	40.4
77	59.5	49.0	73.6



#65
1,4-Dichlorobenzene
Concen: 2.400 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039364.D
Acq: 19 Dec 2023 18:13

Tgt Ion:	146	Resp:	6754
Ion Ratio	Lower	Upper	
146	100		
111	44.6	29.7	55.1
148	60.4	45.8	85.2





#67

1,2-Dichlorobenzene

Concen: 1.181 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039364.D

Acq: 19 Dec 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

C0B02

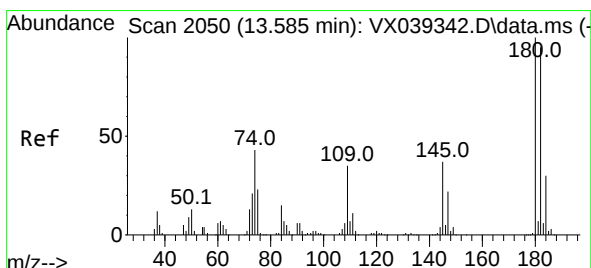
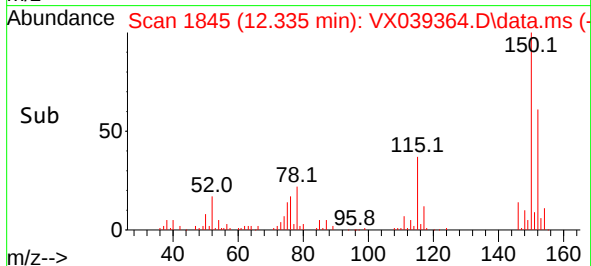
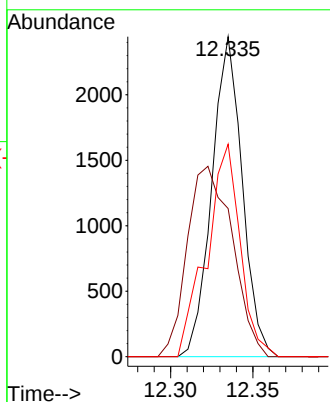
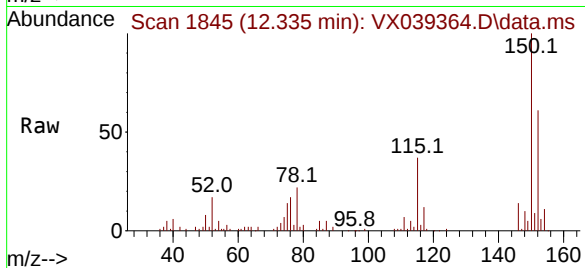
Tgt Ion:146 Resp: 3138

Ion Ratio Lower Upper

146 100

111 46.3 36.4 54.6

148 66.4 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 10.464 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039364.D

Acq: 19 Dec 2023 18:13

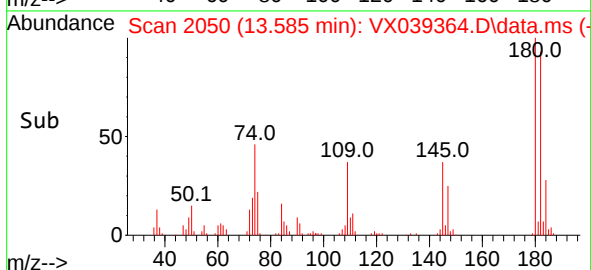
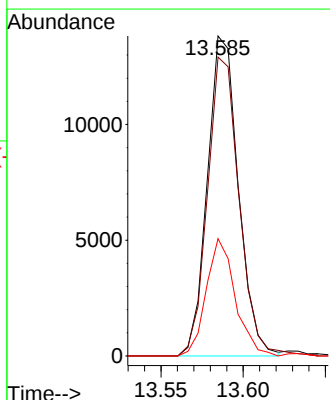
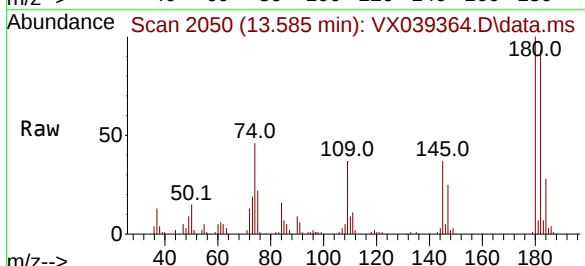
Tgt Ion:180 Resp: 18114

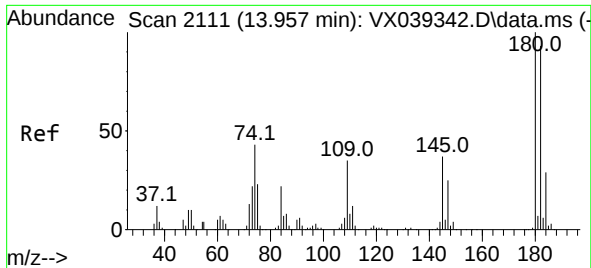
Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 34.3 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 3.570 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX039364.D
 Acq: 19 Dec 2023 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B02

Tgt Ion:180 Resp: 5984
 Ion Ratio Lower Upper
 180 100
 182 102.0 75.9 113.9
 145 38.6 28.6 42.8

