

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039395.D
 Acq On : 20 Dec 2023 12:48
 Operator : JC/MD
 Sample : 05807-13 10X
 Misc : 1.26g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AZ5

Quant Time: Dec 21 00:25:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

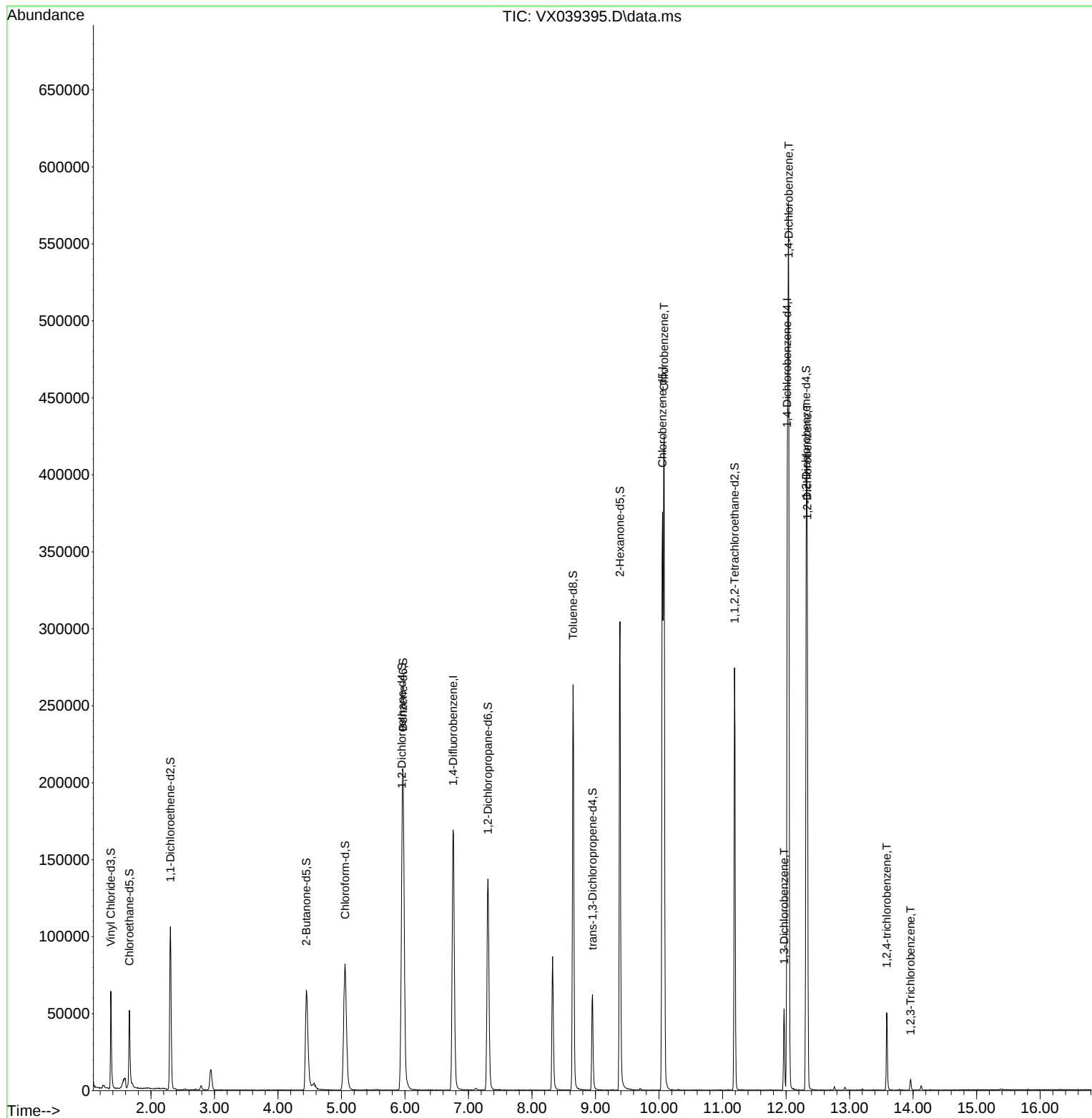
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	164060	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	68324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	42165	32.767	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.540%
7) Chloroethane-d5	1.660	69	34827	36.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.240%
11) 1,1-Dichloroethene-d2	2.306	65	19526	34.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.140%
21) 2-Butanone-d5	4.446	46	117046	100.485	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.490%
24) Chloroform-d	5.056	84	101638	44.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.240%
26) 1,2-Dichloroethane-d4	5.952	65	79312	53.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.520%
32) Benzene-d6	5.970	84	195263	42.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.180%
36) 1,2-Dichloropropane-d6	7.306	67	68619	46.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	8.647	98	149802	36.051	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.100%#
43) trans-1,3-Dichloroprop...	8.952	79	29153	38.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.640%
47) 2-Hexanone-d5	9.384	63	84381	95.742	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.740%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	103217	49.309	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.620%
66) 1,2-Dichlorobenzene-d4	12.317	152	53857	41.703	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	170082	54.996	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	14960	7.001	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	155359	71.747	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	87053	42.587	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	9968	7.482	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	1740	1.349	ug/L	99

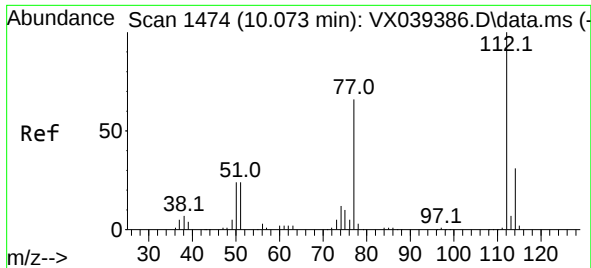
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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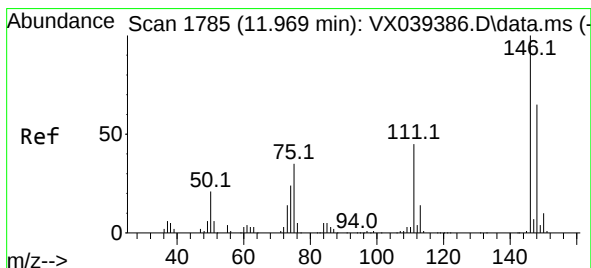
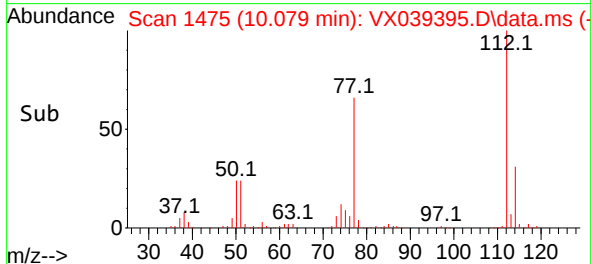
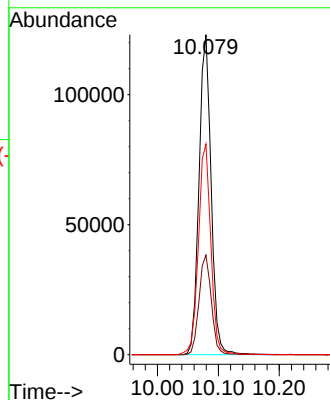
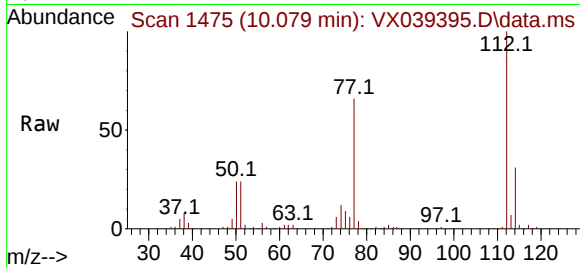




#51
Chlorobenzene
Concen: 54.996 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

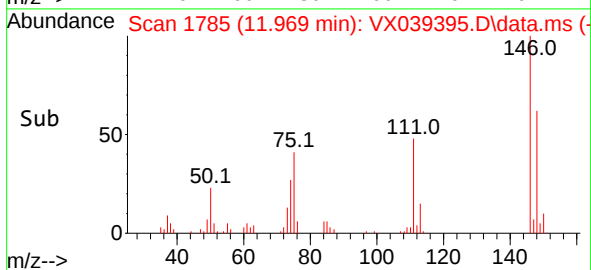
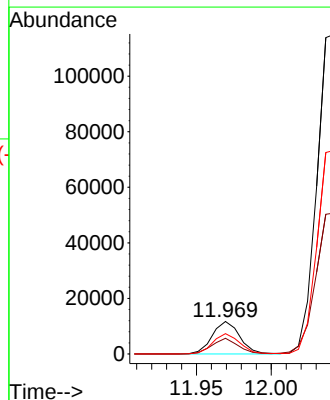
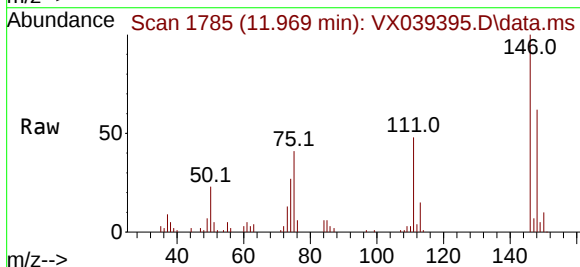
Instrument :
MSVOA_X
ClientSampleId :
C0AZ5

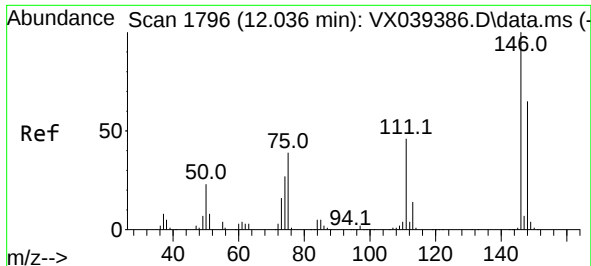
Tgt Ion:112 Resp: 170082
Ion Ratio Lower Upper
112 100
114 31.1 21.8 40.4
77 65.8 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 7.001 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

Tgt Ion:146 Resp: 14960
Ion Ratio Lower Upper
146 100
111 48.1 30.0 55.6
148 62.4 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 71.747 ug/L

RT: 12.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039395.D

Acq: 20 Dec 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

C0AZ5

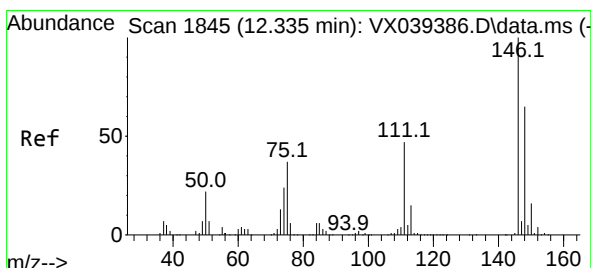
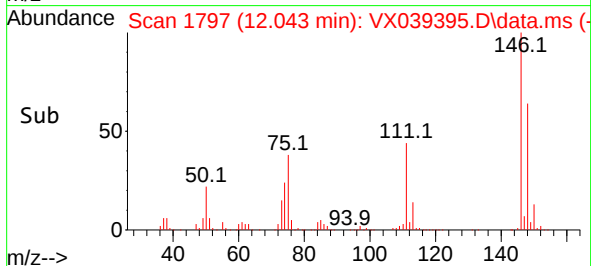
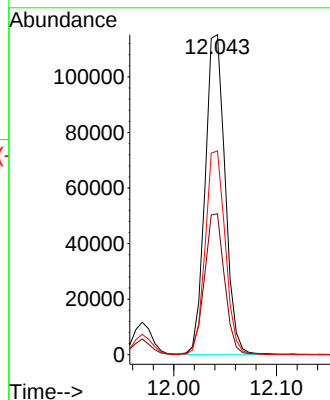
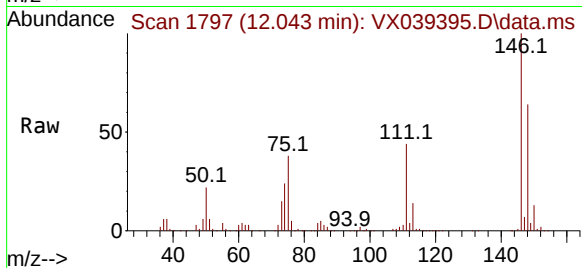
Tgt Ion:146 Resp: 155359

Ion Ratio Lower Upper

146 100

111 44.0 29.7 55.1

148 63.7 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 42.587 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039395.D

Acq: 20 Dec 2023 12:48

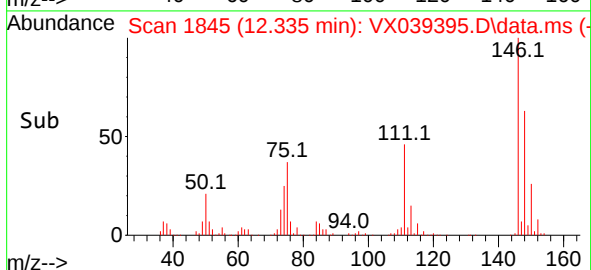
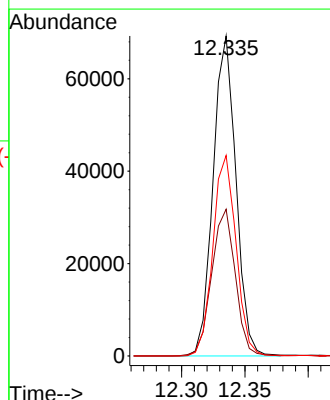
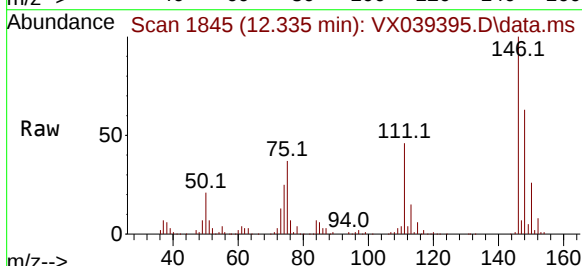
Tgt Ion:146 Resp: 87053

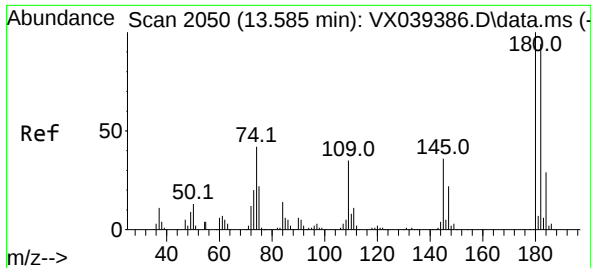
Ion Ratio Lower Upper

146 100

111 45.8 36.4 54.6

148 62.7 50.0 75.0

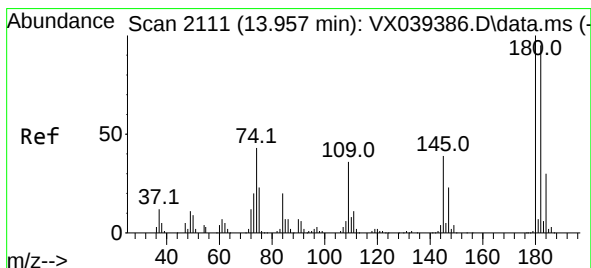
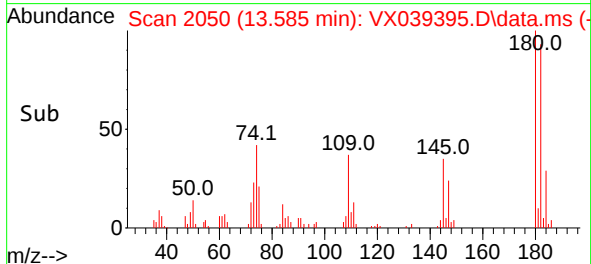
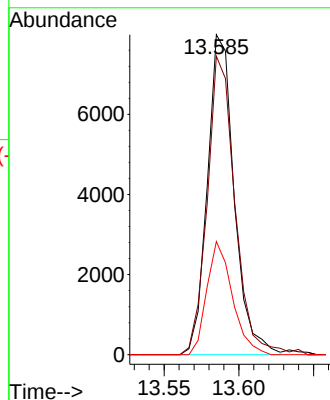
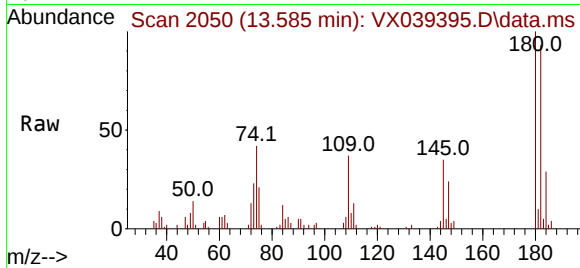




#70
1,2,4-trichlorobenzene
Concen: 7.482 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
C0AZ5

Tgt Ion:180 Resp: 9968
Ion Ratio Lower Upper
180 100
182 96.4 76.8 115.2
145 33.7 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 1.349 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

Tgt Ion:180 Resp: 1740
Ion Ratio Lower Upper
180 100
182 94.1 75.9 113.9
145 36.6 28.6 42.8

