

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039411.D
 Acq On : 20 Dec 2023 18:53
 Operator : JC/MD
 Sample : 05808-10ME
 Misc : 4.90g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B04ME

Quant Time: Dec 21 00:27:45 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)

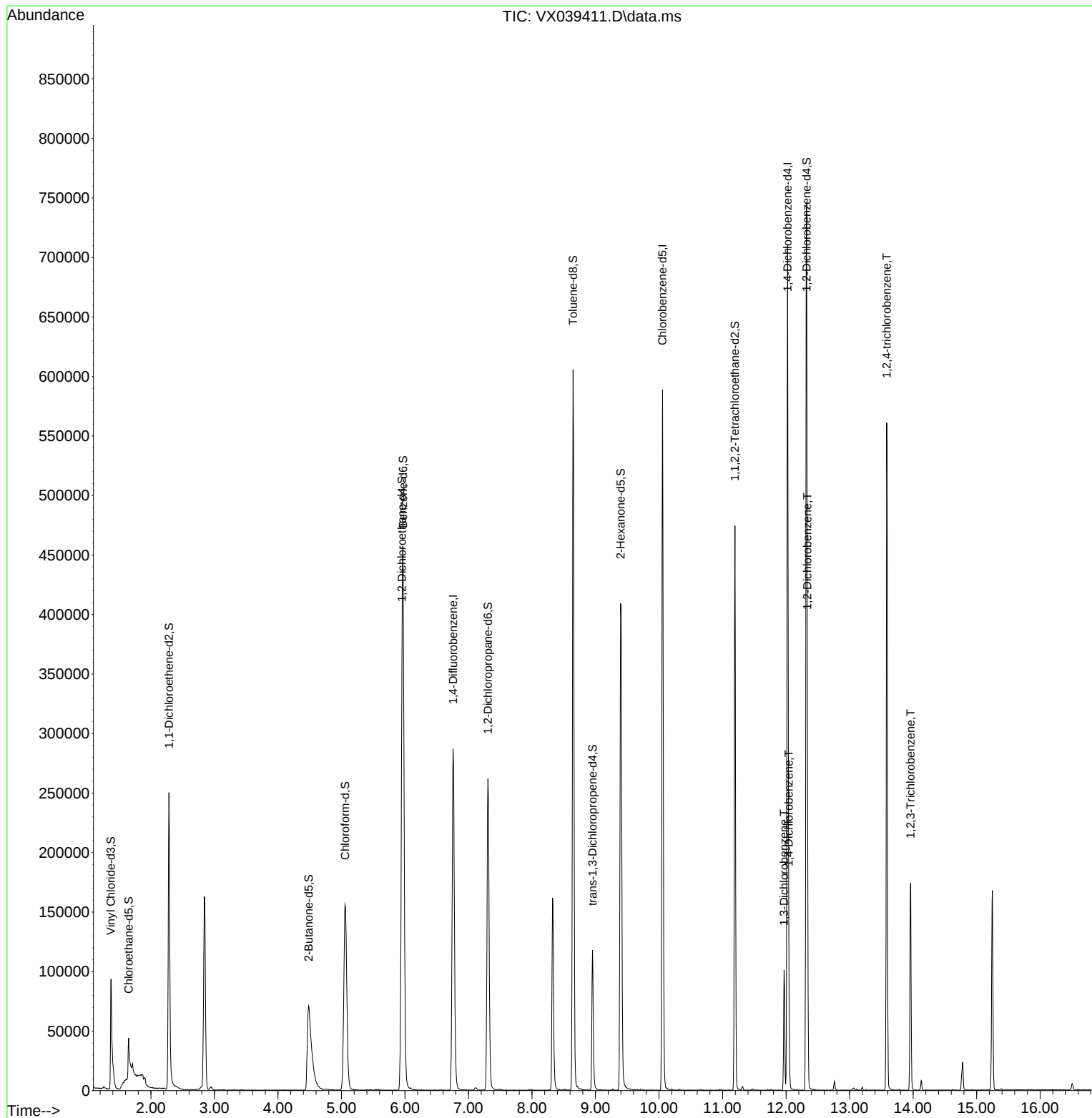
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	286137	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	255650	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99178	44.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.380%
7) Chloroethane-d5	1.648	69	37741	22.751	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.500%#
11) 1,1-Dichloroethene-d2	2.282	65	49516	50.262	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.520%
21) 2-Butanone-d5	4.483	46	209029	102.892	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.890%
24) Chloroform-d	5.056	84	205518	51.729	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.460%
26) 1,2-Dichloroethane-d4	5.952	65	146721	57.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.040%
32) Benzene-d6	5.970	84	425642	53.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.900%
36) 1,2-Dichloropropane-d6	7.305	67	138368	54.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.980%
41) Toluene-d8	8.647	98	363097	50.782	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.560%
43) trans-1,3-Dichloroprop...	8.952	79	57540	44.531	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
47) 2-Hexanone-d5	9.397	63	153731	101.370	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.370%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	186987	51.912	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.820%
66) 1,2-Dichlorobenzene-d4	12.323	152	126249	52.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.420%
Target Compounds						
					Qvalue	
64) 1,3-Dichlorobenzene	11.969	146	28630	7.224	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	27920	6.952	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	62073	16.373	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	112488	45.524	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	37054	15.487	ug/L	98

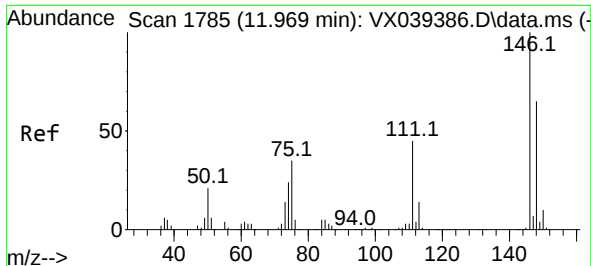
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration

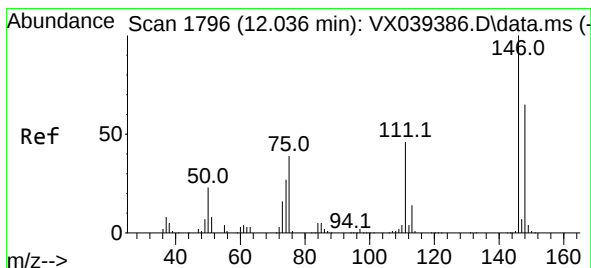
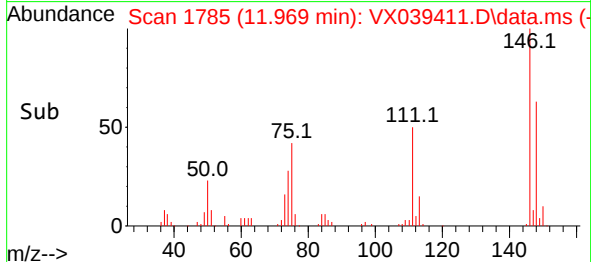
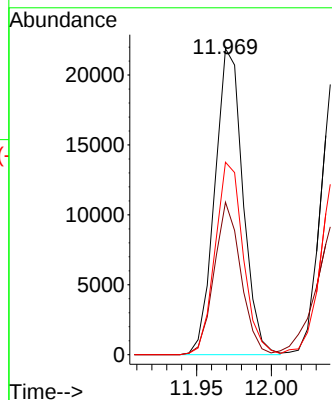
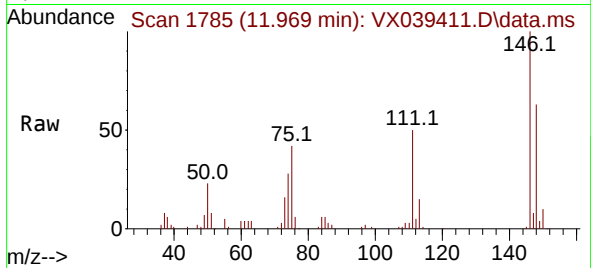




#64
1,3-Dichlorobenzene
Concen: 7.224 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039411.D
Acq: 20 Dec 2023 18:53

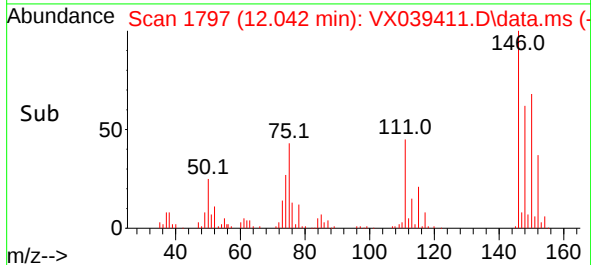
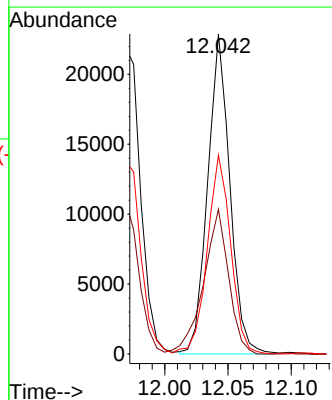
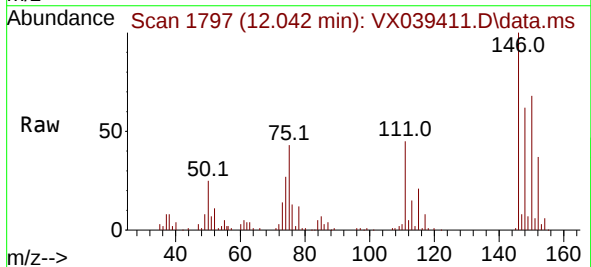
Instrument :
MSVOA_X
ClientSampleId :
C0B04ME

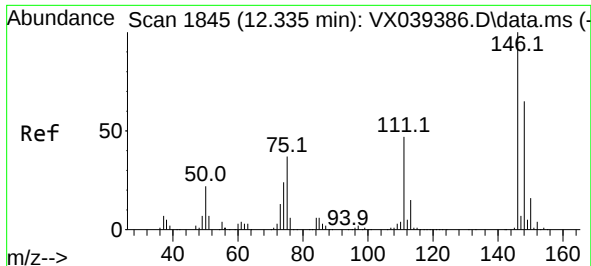
Tgt Ion:146 Resp: 28630
Ion Ratio Lower Upper
146 100
111 49.8 30.0 55.6
148 62.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 6.952 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039411.D
Acq: 20 Dec 2023 18:53

Tgt Ion:146 Resp: 27920
Ion Ratio Lower Upper
146 100
111 45.2 29.7 55.1
148 62.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 16.373 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039411.D

Acq: 20 Dec 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

C0B04ME

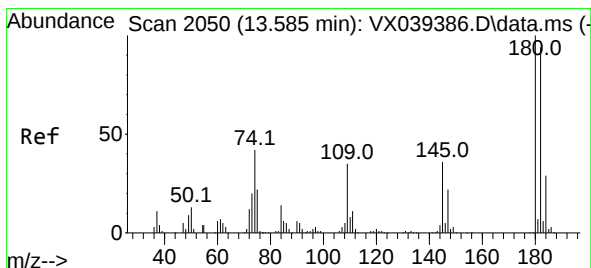
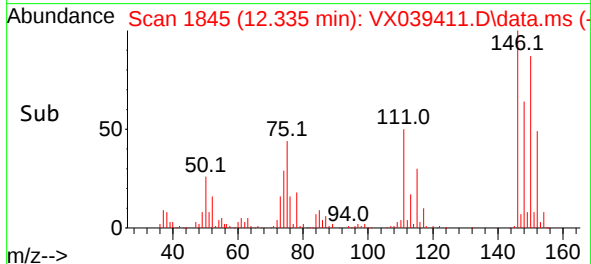
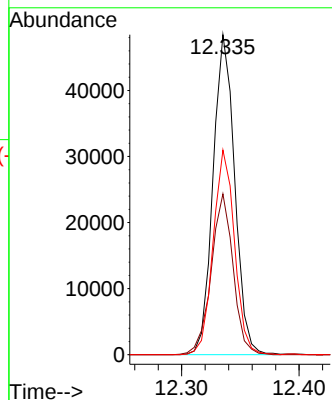
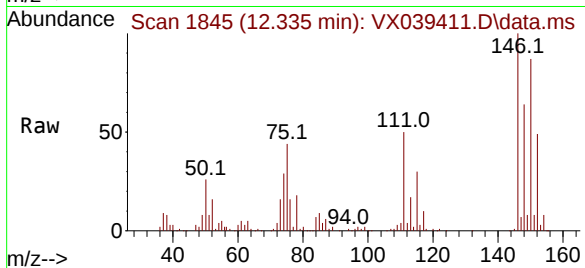
Tgt Ion:146 Resp: 62073

Ion Ratio Lower Upper

146 100

111 50.3 36.4 54.6

148 63.9 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 45.524 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039411.D

Acq: 20 Dec 2023 18:53

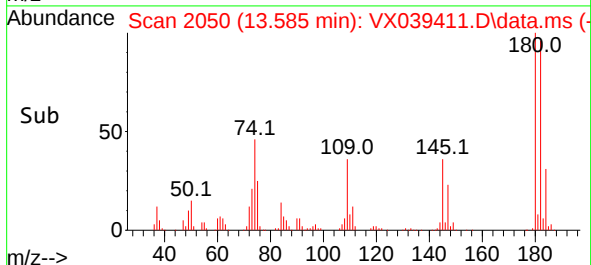
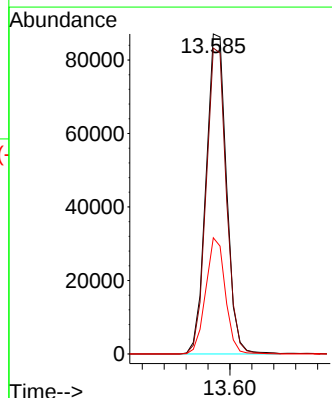
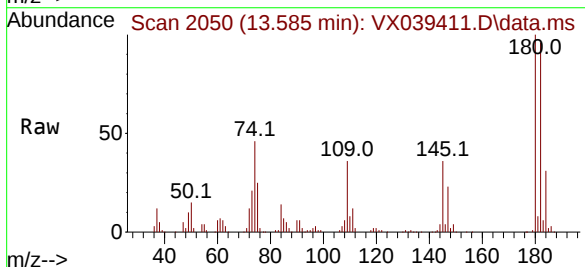
Tgt Ion:180 Resp: 112488

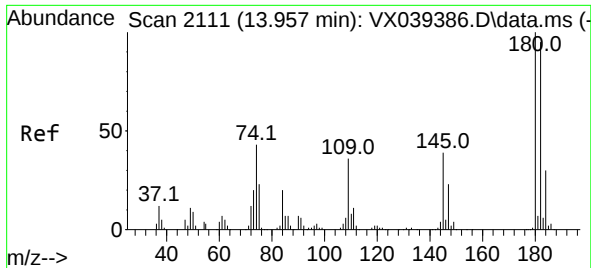
Ion Ratio Lower Upper

180 100

182 94.2 76.8 115.2

145 34.8 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 15.487 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX039411.D
 Acq: 20 Dec 2023 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B04ME

Tgt Ion:180 Resp: 37054
 Ion Ratio Lower Upper
 180 100
 182 91.7 75.9 113.9
 145 35.7 28.6 42.8

