

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039150.D
 Acq On : 11 Dec 2023 17:40
 Operator : JC/MD
 Sample : 05752-04 100X
 Misc : 2.04g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT2

Quant Time: Dec 12 03:56:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

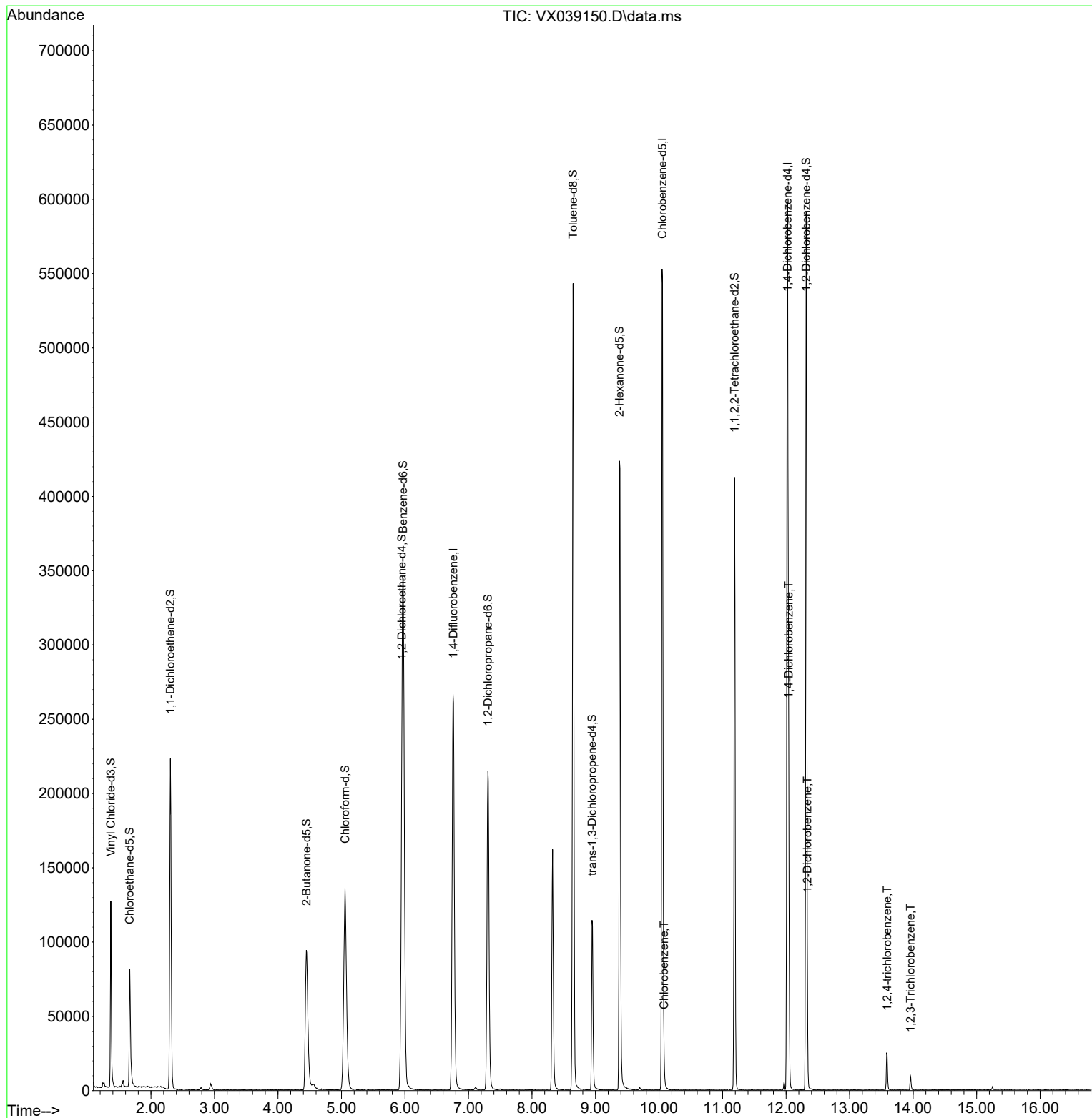
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	262298	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	241426	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	112968	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79810	38.793	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.580%
7) Chloroethane-d5	1.666	69	59852	39.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.720%
11) 1,1-Dichloroethene-d2	2.306	65	40552	44.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.800%
21) 2-Butanone-d5	4.446	46	170005	91.288	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.290%
24) Chloroform-d	5.056	84	160328	44.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
26) 1,2-Dichloroethane-d4	5.952	65	114072	48.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
32) Benzene-d6	5.970	84	342056	45.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.820%
36) 1,2-Dichloropropane-d6	7.306	67	111136	46.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.700%
41) Toluene-d8	8.647	98	306636	45.413	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.820%
43) trans-1,3-Dichloroprop...	8.945	79	54036	44.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.560%
47) 2-Hexanone-d5	9.378	63	122497	85.533	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.530%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	156872	46.118	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	104478	48.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.860%
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	4554	0.906	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	64445	18.000	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	8775	2.596	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	5806	2.636	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1983	0.930	ug/L	100

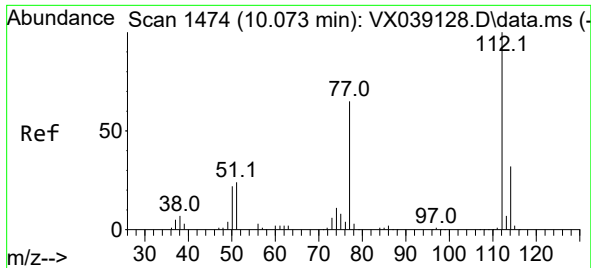
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

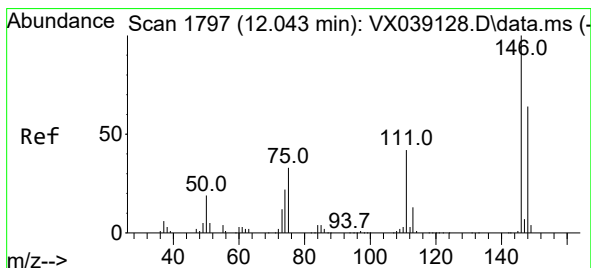
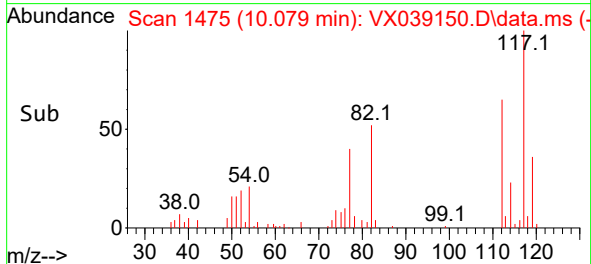
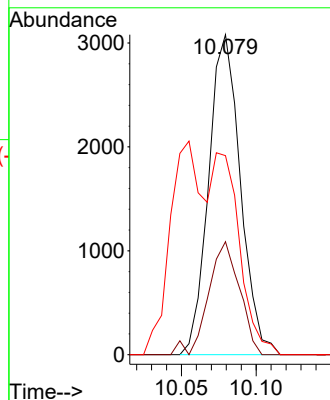
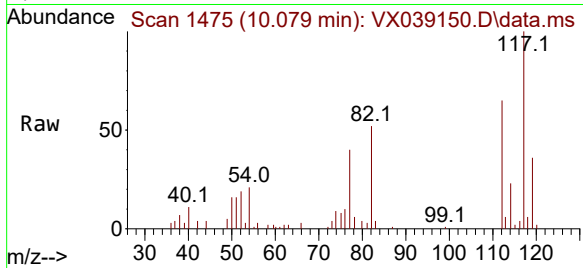




#51
Chlorobenzene
Concen: 0.906 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039150.D
Acq: 11 Dec 2023 17:40

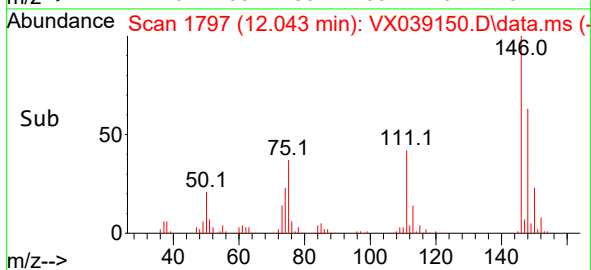
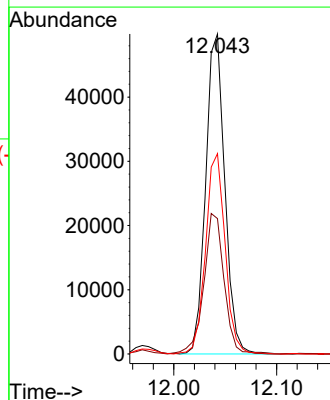
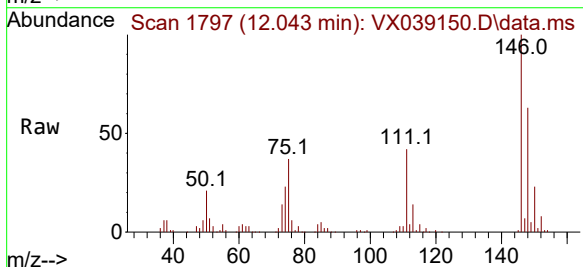
Instrument :
MSVOA_X
ClientSampleId :
C0AT2

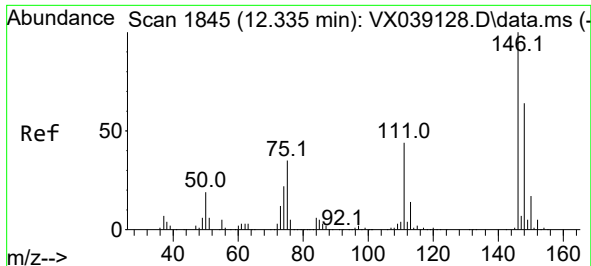
Tgt Ion:112 Resp: 4554
Ion Ratio Lower Upper
112 100
114 35.3 21.8 40.4
77 62.2 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 18.000 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039150.D
Acq: 11 Dec 2023 17:40

Tgt Ion:146 Resp: 64445
Ion Ratio Lower Upper
146 100
111 42.3 29.7 55.1
148 62.6 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 2.596 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039150.D

Acq: 11 Dec 2023 17:40

Instrument :

MSVOA_X

ClientSampleId :

C0AT2

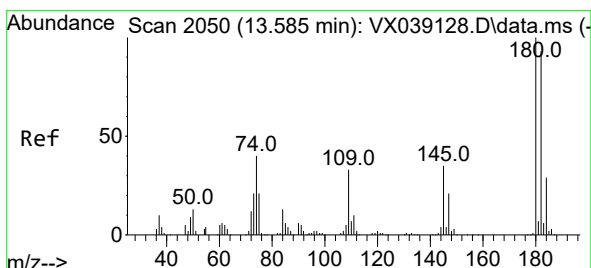
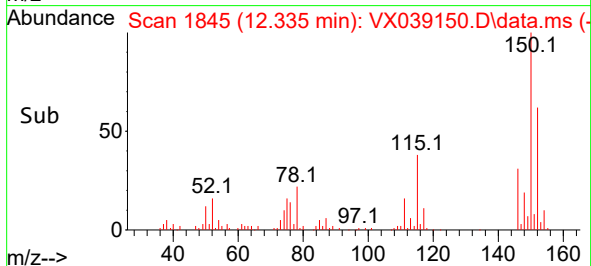
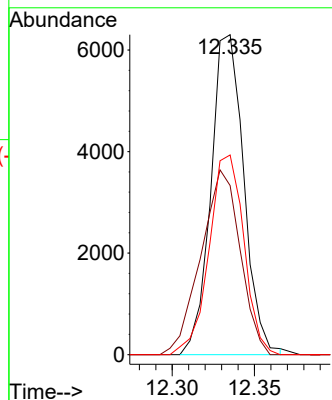
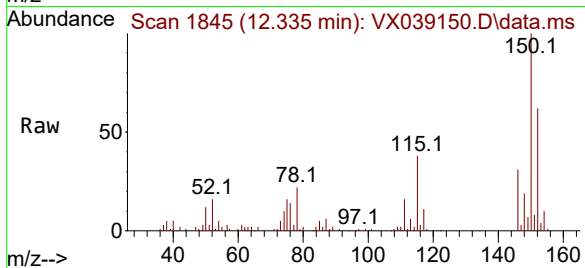
Tgt Ion:146 Resp: 8775

Ion Ratio Lower Upper

146 100

111 52.8 36.4 54.6

148 62.4 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 2.636 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039150.D

Acq: 11 Dec 2023 17:40

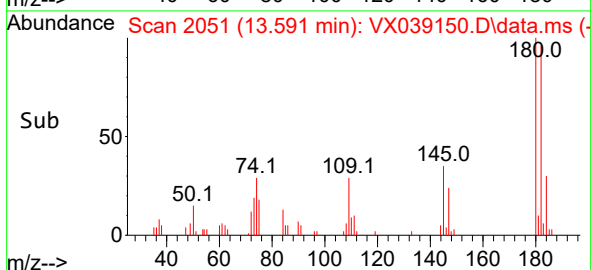
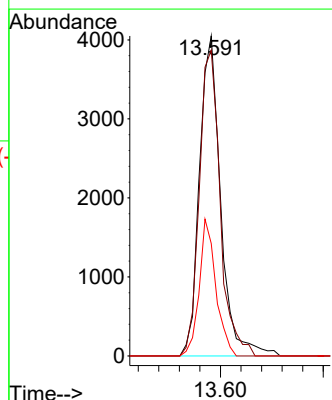
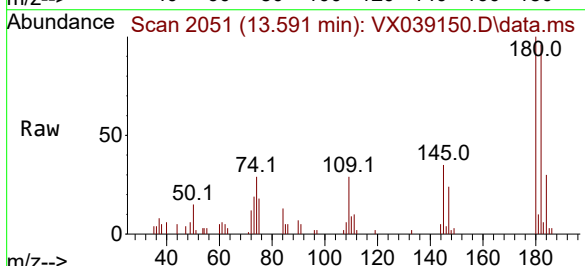
Tgt Ion:180 Resp: 5806

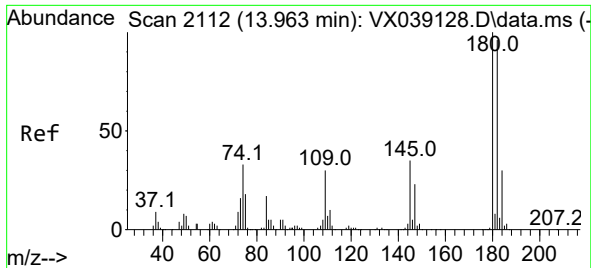
Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

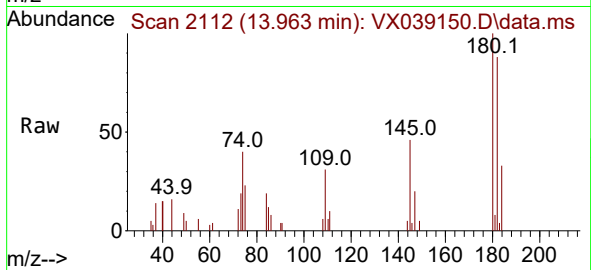
145 33.6 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.930 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039150.D
 Acq: 11 Dec 2023 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT2



Tgt Ion:	180	Resp:	1983
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.9	113.9
145	36.3	28.6	42.8

