

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039419.D
 Acq On : 21 Dec 2023 11:12
 Operator : JC/MD
 Sample : 05808-08 20X
 Misc : 4.19g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B02

Quant Time: Dec 22 00:42:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

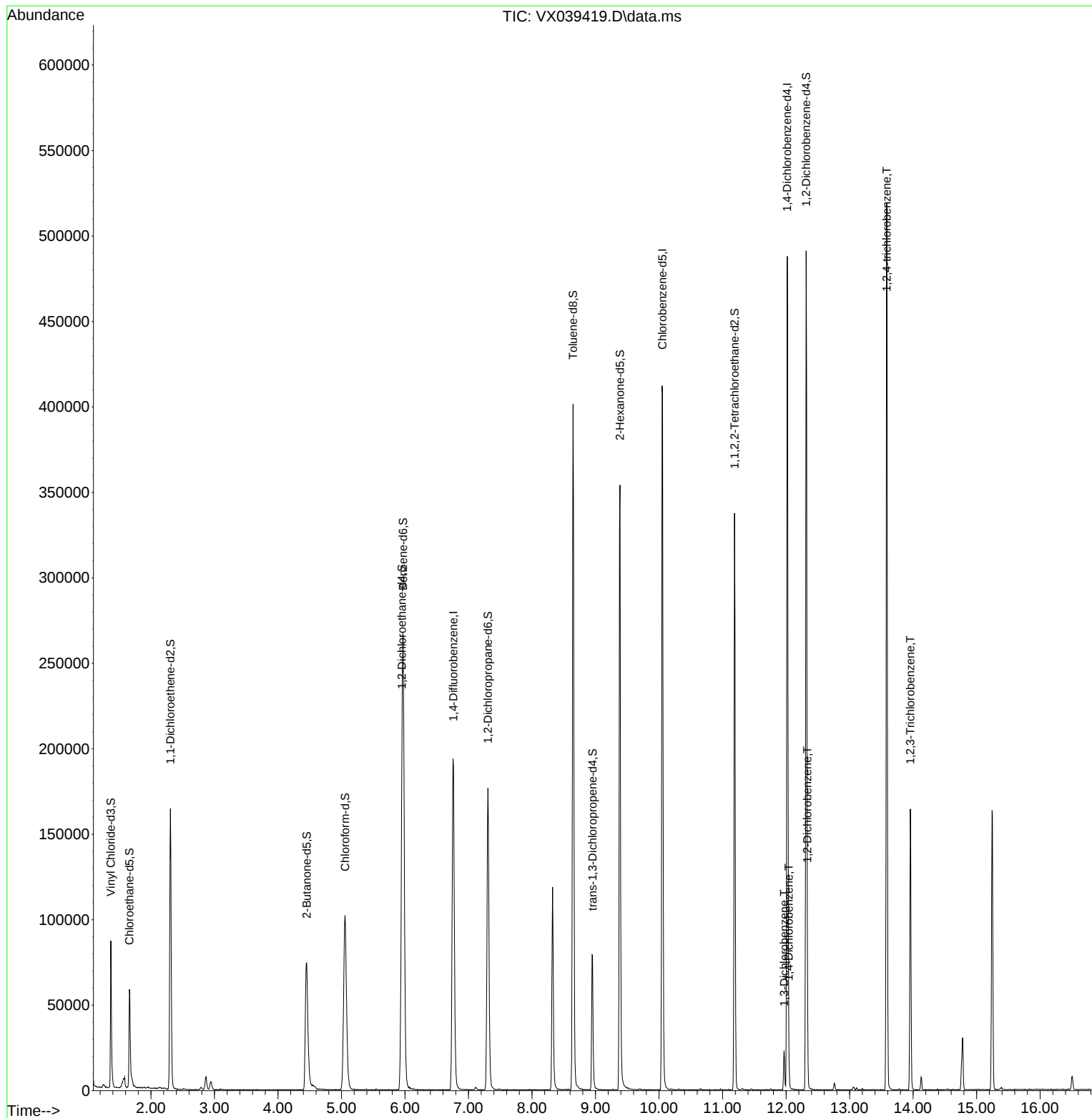
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	188648	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	89525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57515	38.871	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.740%
7) Chloroethane-d5	1.660	69	46894	42.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.760%
11) 1,1-Dichloroethene-d2	2.306	65	29787	45.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.720%
21) 2-Butanone-d5	4.452	46	136182	101.676	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.680%
24) Chloroform-d	5.056	84	125697	47.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
26) 1,2-Dichloroethane-d4	5.952	65	92306	54.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.820%
32) Benzene-d6	5.970	84	259619	46.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	7.306	67	86069	48.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.380%
41) Toluene-d8	8.647	98	231302	45.991	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.980%
43) trans-1,3-Dichloroprop...	8.952	79	38381	42.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
47) 2-Hexanone-d5	9.384	63	99475	93.254	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.250%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	125089	49.372	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.740%
66) 1,2-Dichlorobenzene-d4	12.317	152	85557	50.560	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.120%
Target Compounds						
					Qvalue	
64) 1,3-Dichlorobenzene	11.969	146	6645	2.373	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	4945	1.743	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	12978	4.845	ug/L	94
70) 1,2,4-trichlorobenzene	13.585	180	102830	58.907	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	32692	19.342	ug/L	98

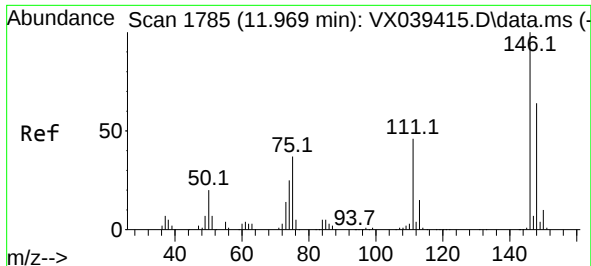
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 22 00:41:09 2023
Response via : Initial Calibration

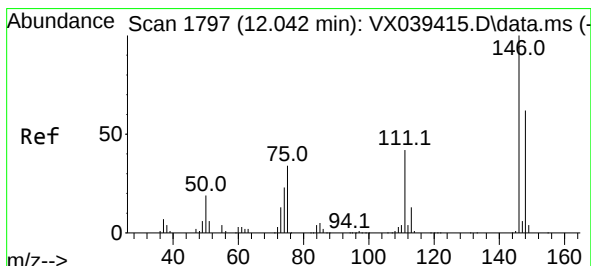
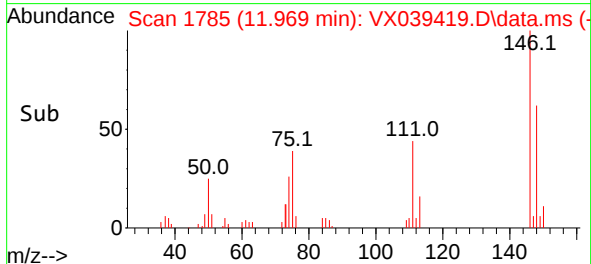
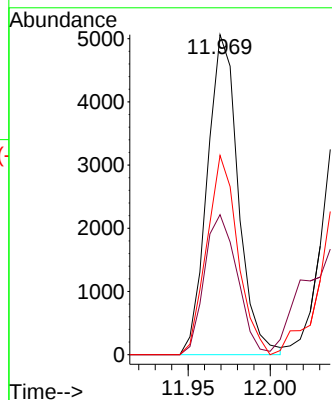
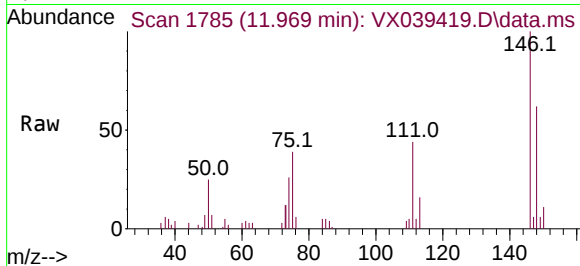




#64
1,3-Dichlorobenzene
Concen: 2.373 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

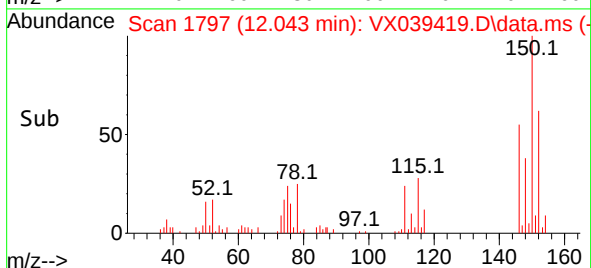
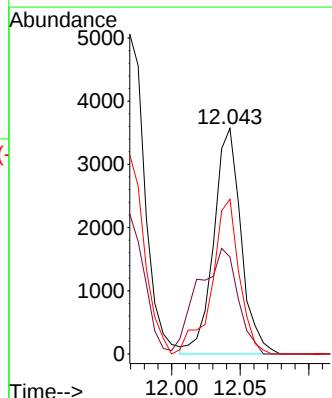
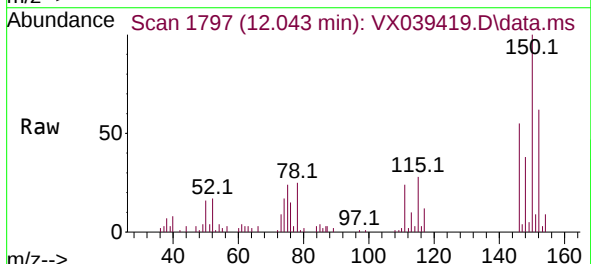
Instrument :
MSVOA_X
ClientSampleId :
C0B02

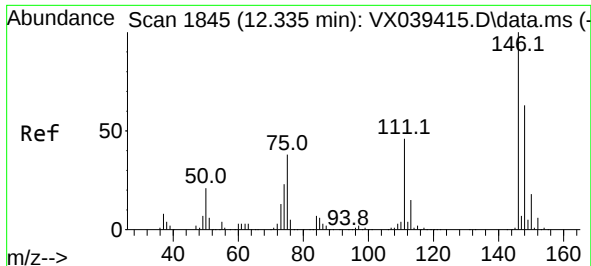
Tgt Ion:146 Resp: 6645
Ion Ratio Lower Upper
146 100
111 43.7 30.0 55.6
148 62.2 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 1.743 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

Tgt Ion:146 Resp: 4945
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 68.6 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.845 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039419.D

Acq: 21 Dec 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

C0B02

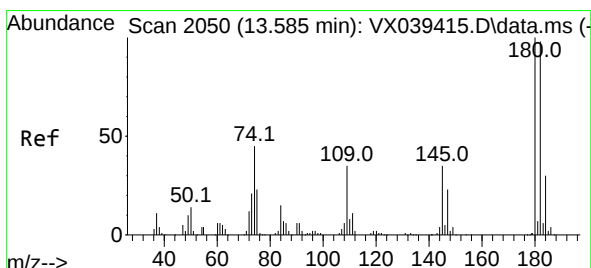
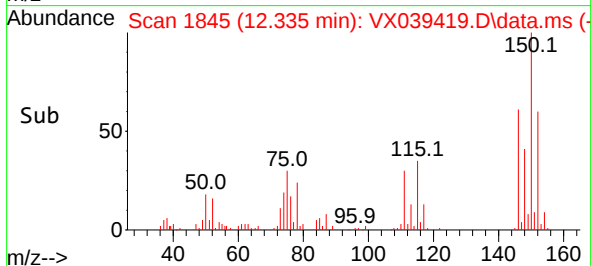
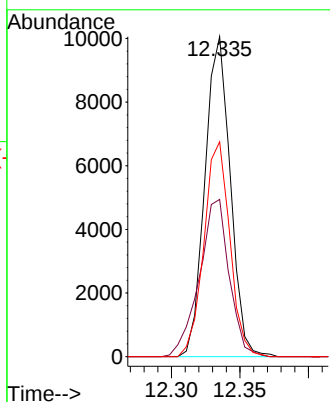
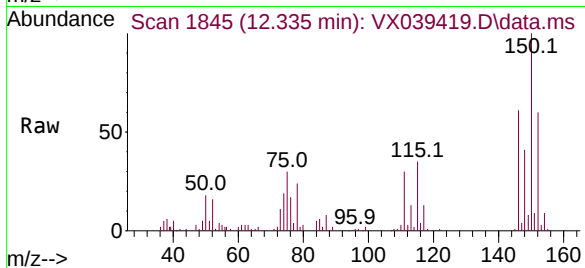
Tgt Ion:146 Resp: 12978

Ion Ratio Lower Upper

146 100

111 49.1 36.4 54.6

148 67.1 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 58.907 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039419.D

Acq: 21 Dec 2023 11:12

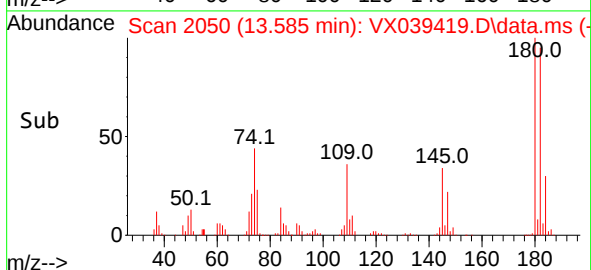
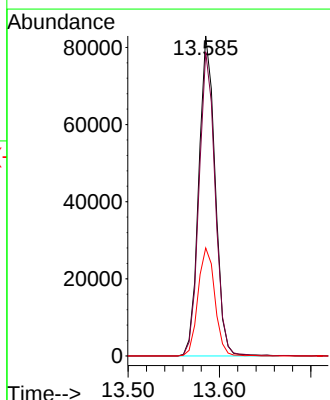
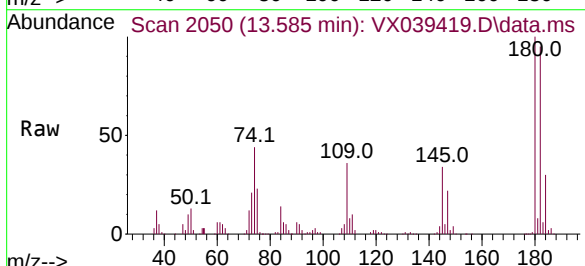
Tgt Ion:180 Resp: 102830

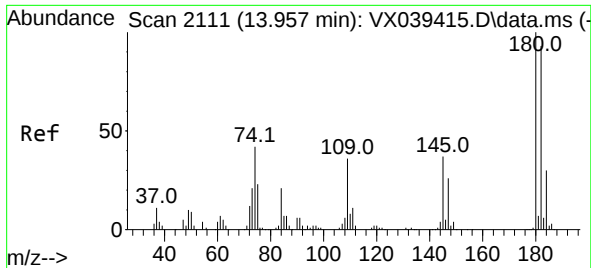
Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 34.7 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 19.342 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX039419.D
 Acq: 21 Dec 2023 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B02

Tgt Ion:180 Resp: 32692
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.9 113.9
 145 37.3 28.6 42.8

