

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039418.D
 Acq On : 21 Dec 2023 10:49
 Operator : JC/MD
 Sample : 05808-18 4X
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B14

Quant Time: Dec 22 00:42:23 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)

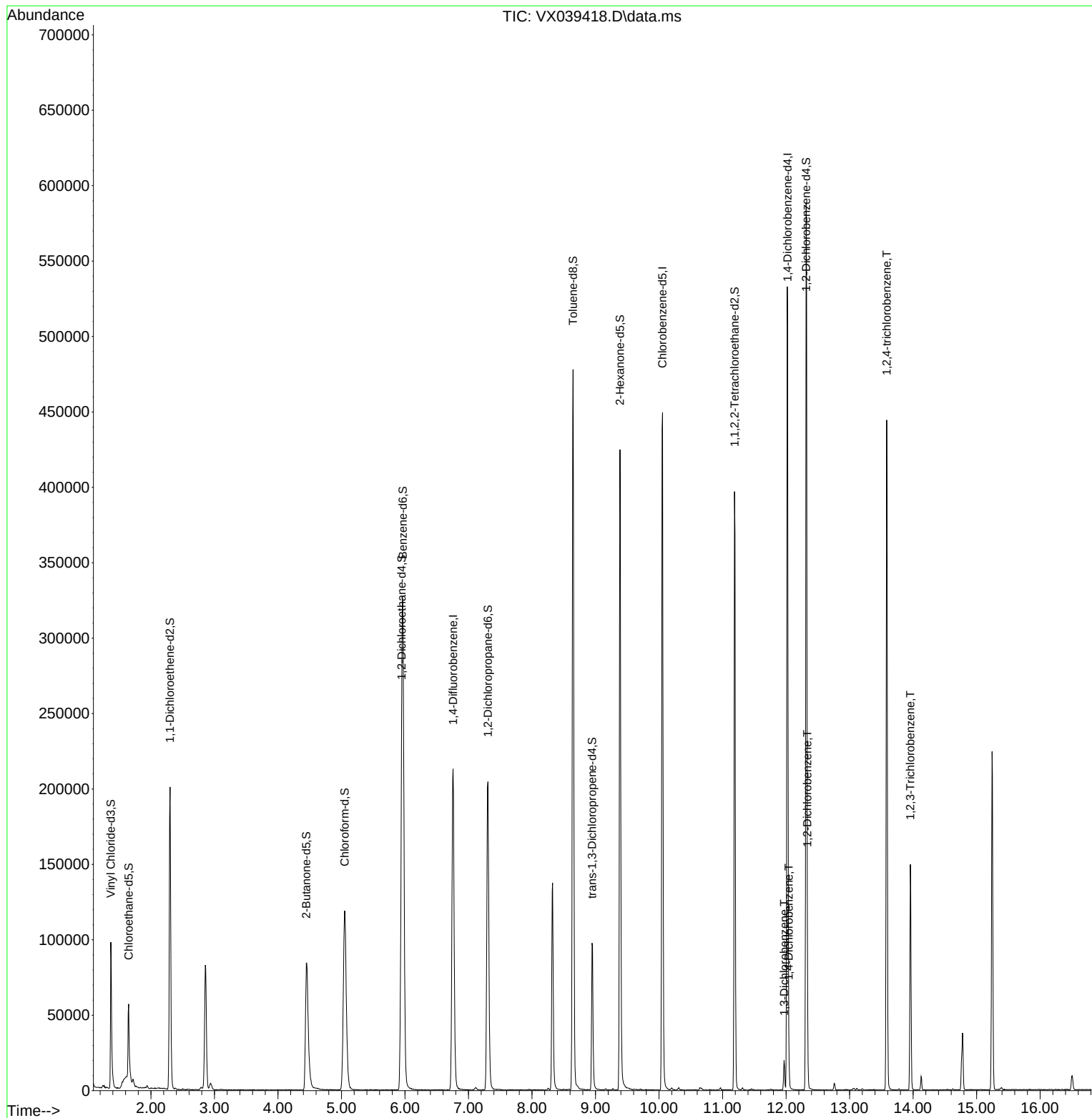
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	208572	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194862	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100160	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76135	46.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.080%
7) Chloroethane-d5	1.648	69	35885	29.677	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.360%#
11) 1,1-Dichloroethene-d2	2.300	65	36530	50.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.740%
21) 2-Butanone-d5	4.446	46	162430	109.688	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.690%
24) Chloroform-d	5.050	84	148381	51.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
26) 1,2-Dichloroethane-d4	5.946	65	110085	58.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.400%
32) Benzene-d6	5.964	84	315197	52.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.820%
36) 1,2-Dichloropropane-d6	7.306	67	104571	54.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.060%
41) Toluene-d8	8.647	98	280995	51.559	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.120%
43) trans-1,3-Dichloroprop...	8.945	79	46596	47.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.620%
47) 2-Hexanone-d5	9.384	63	121334	104.966	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.970%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	154016	56.098	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	104306	55.095	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.180%
Target Compounds						
					Qvalue	
64) 1,3-Dichlorobenzene	11.969	146	5573	1.779	ug/L	84
65) 1,4-Dichlorobenzene	12.042	146	4984	1.570	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	12045	4.020	ug/L	94
70) 1,2,4-trichlorobenzene	13.585	180	89078	45.611	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	30553	16.157	ug/L	97

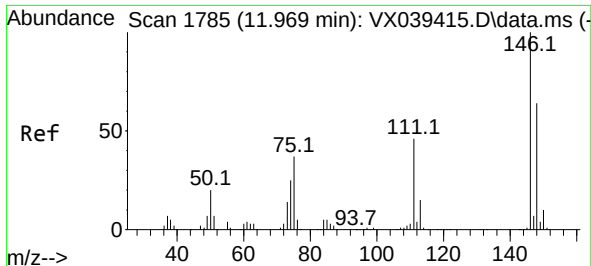
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
Data File : VX039418.D
Acq On : 21 Dec 2023 10:49
Operator : JC/MD
Sample : 05808-18 4X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0B14

Quant Time: Dec 22 00:42:23 2023
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: 1.779 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

C0B14

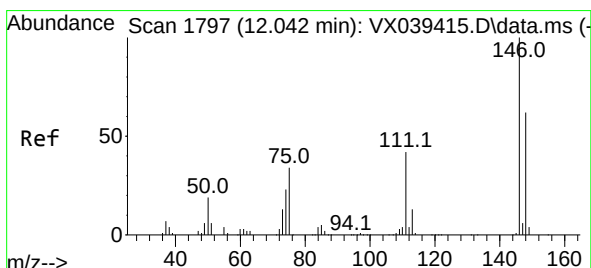
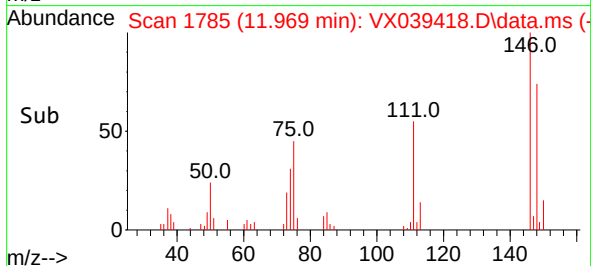
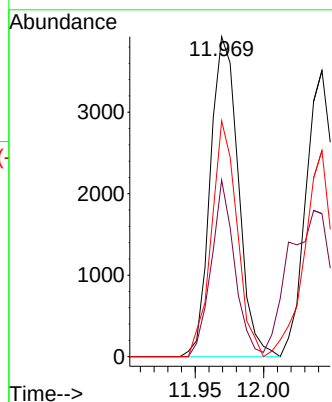
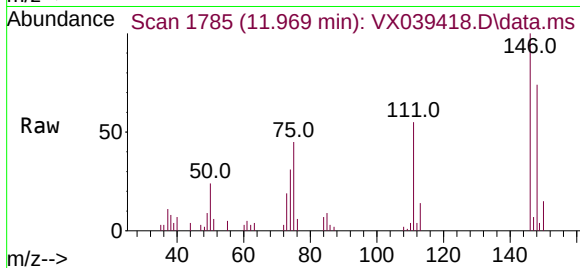
Tgt Ion:146 Resp: 5573

Ion Ratio Lower Upper

146 100

111 55.2 30.0 55.6

148 73.7 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 1.570 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

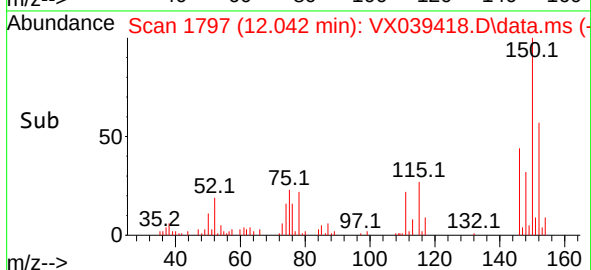
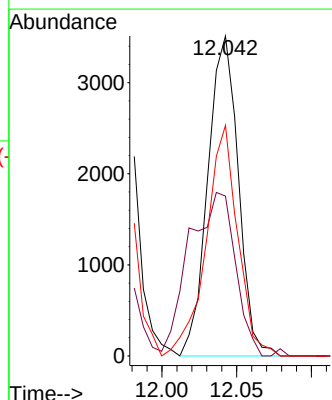
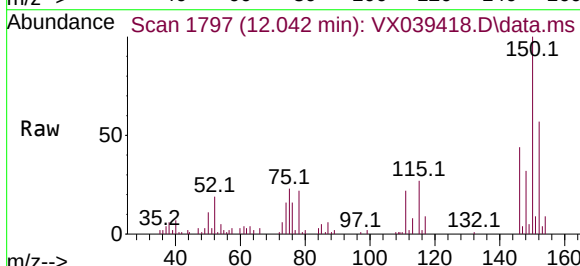
Tgt Ion:146 Resp: 4984

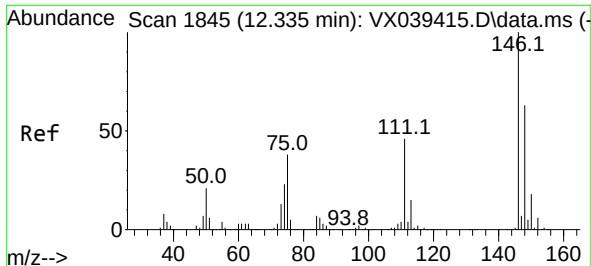
Ion Ratio Lower Upper

146 100

111 50.0 29.7 55.1

148 72.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.020 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

C0B14

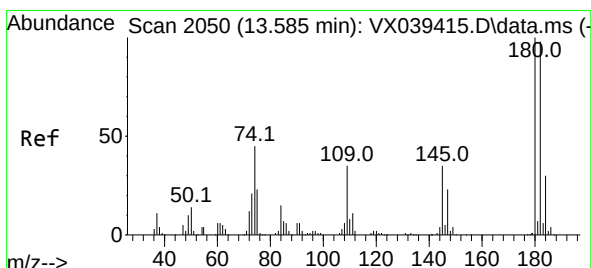
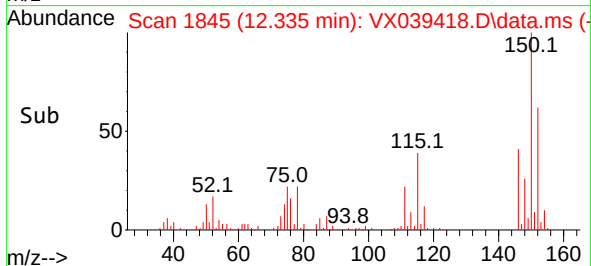
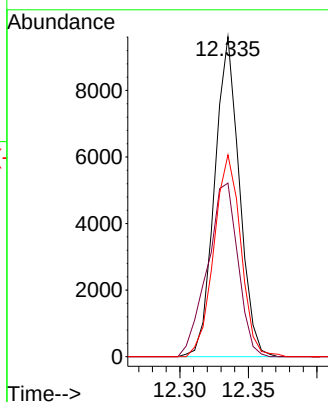
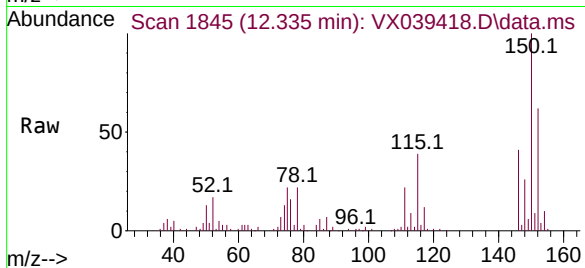
Tgt Ion:146 Resp: 12045

Ion Ratio Lower Upper

146 100

111 54.2 36.4 54.6

148 63.1 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 45.611 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

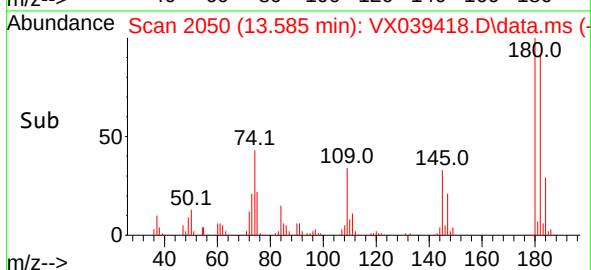
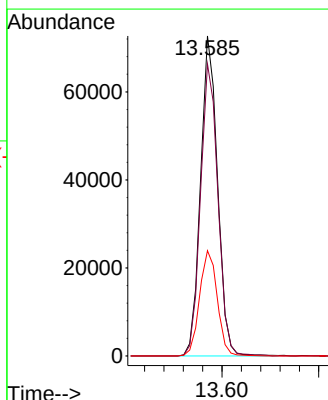
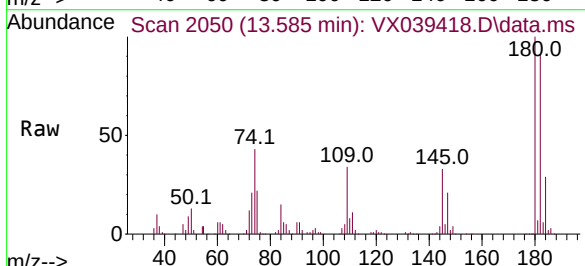
Tgt Ion:180 Resp: 89078

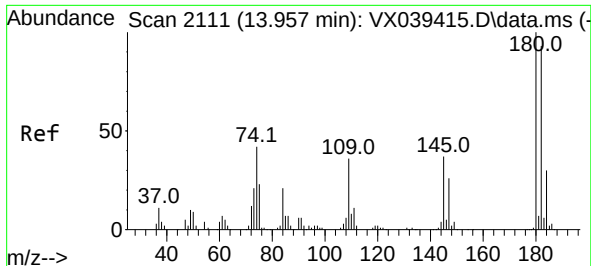
Ion Ratio Lower Upper

180 100

182 93.0 76.8 115.2

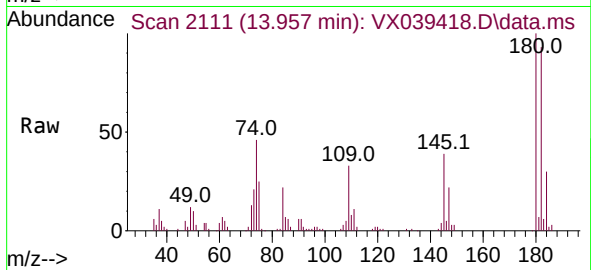
145 34.2 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 16.157 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX039418.D
 Acq: 21 Dec 2023 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 C0B14



Tgt Ion:	180	Resp:	30553
Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.9	113.9
145	36.3	28.6	42.8

