

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 :

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)

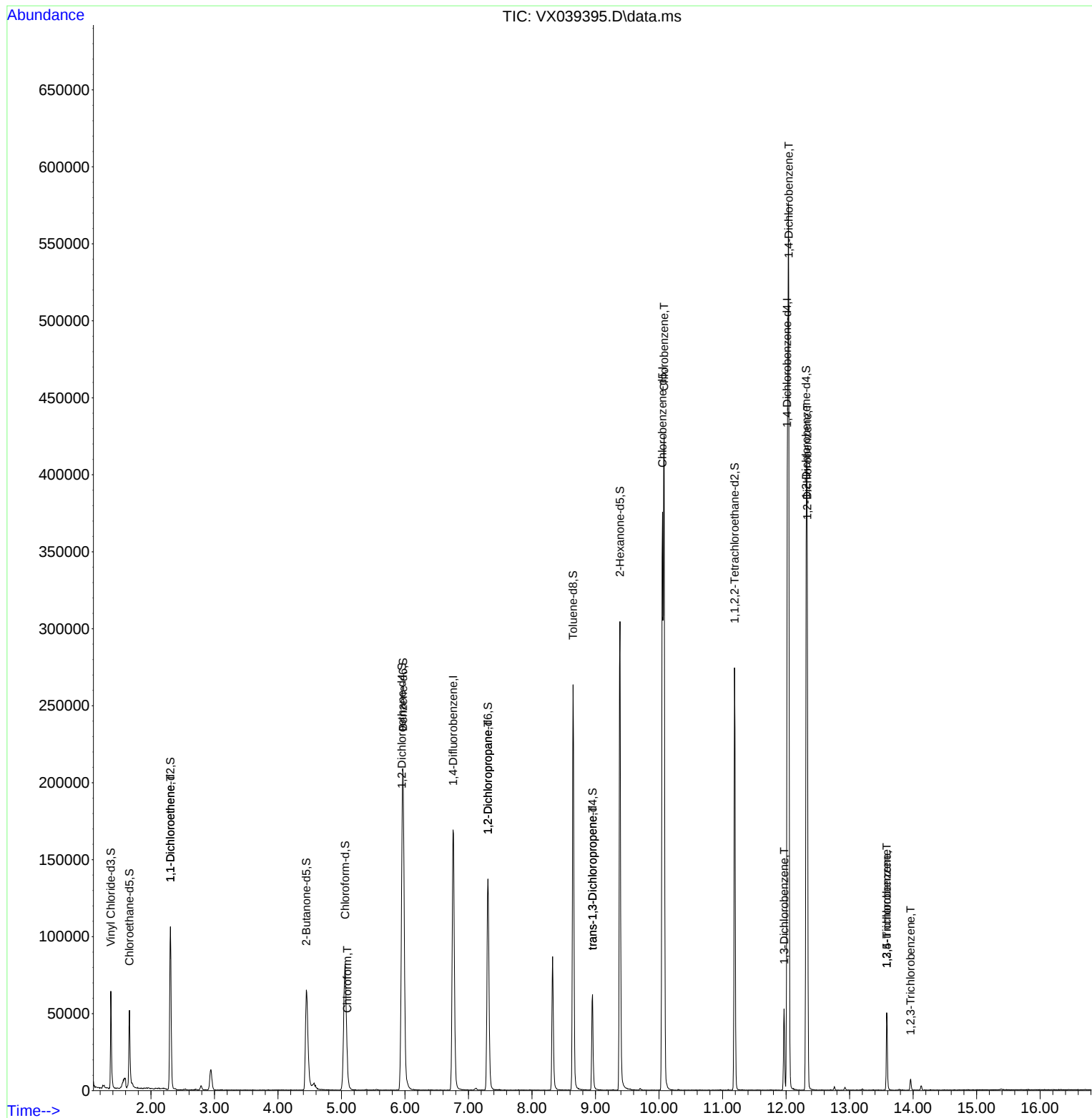
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	164060	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	68324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	42165	32.767	ug/L	0.00
Spiked Amount 50.000	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
12) 1,1-Dichloroethene	2.306	96	428	0.405	ug/L #	1
25) Chloroform	5.093	83	3826	1.742	ug/L	92
37) 1,2-Dichloropropane	7.306	63	8132	6.210	ug/L #	89
44) trans-1,3-Dichloropropene	8.952	75	1497	0.772	ug/L	97
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
69) 1,3,5-Trichlorobenzene	13.585	180	9968	7.054	ug/L	99
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

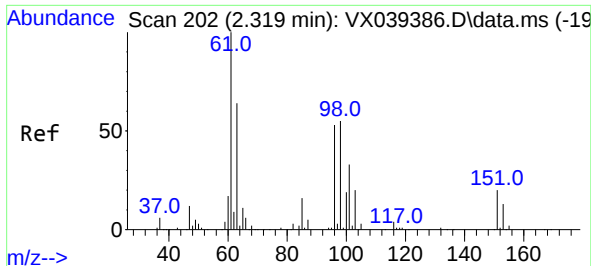
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 00:25:19 2023
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

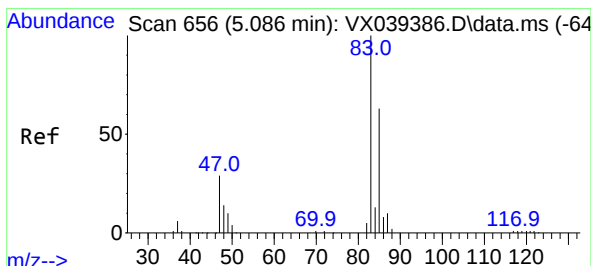
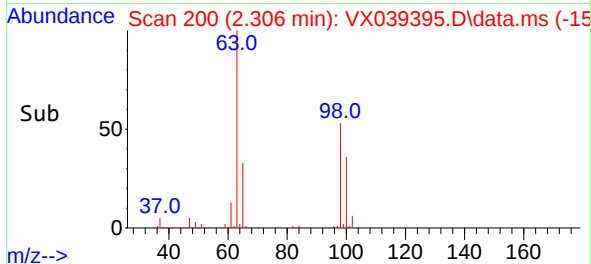
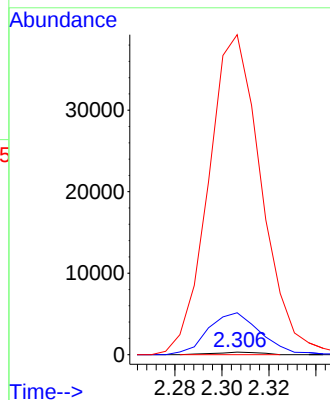
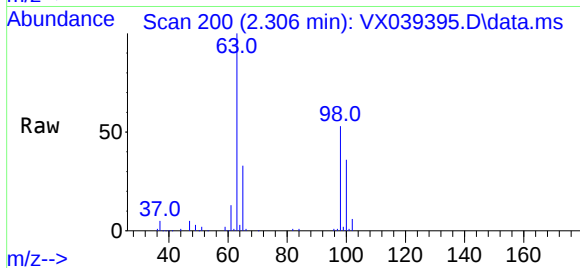




#12
1,1-Dichloroethene
Concen: 0.405 ug/L
RT: 2.306 min Scan# 20
Delta R.T. -0.012 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

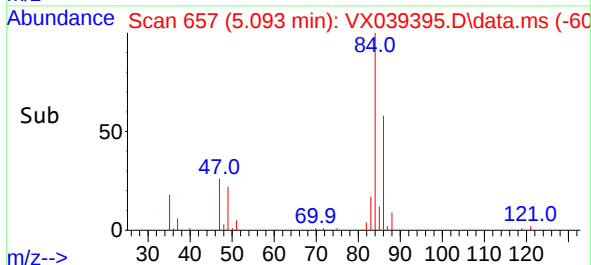
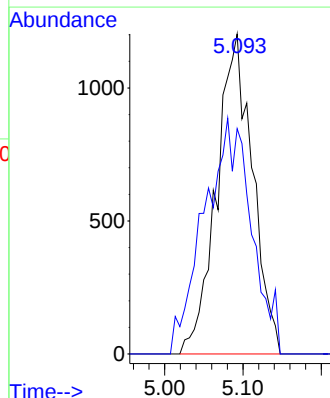
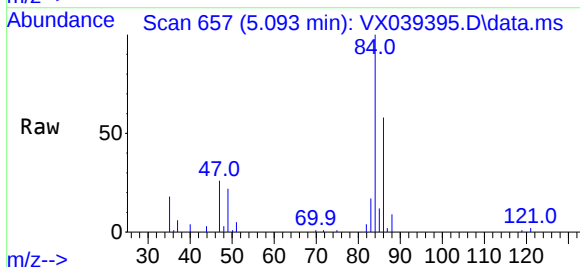
Instrument :
MSVOA_X
ClientSampleId :

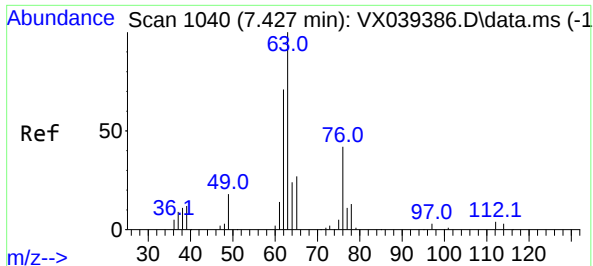
Tgt Ion: 96 Resp: 428
Ion Ratio Lower Upper
96 100
61 1626.3 128.0 237.6#
63 12427.8 101.5 188.5#



#25
Chloroform
Concen: 1.742 ug/L
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

Tgt Ion: 83 Resp: 3826
Ion Ratio Lower Upper
83 100
85 70.4 45.1 83.7

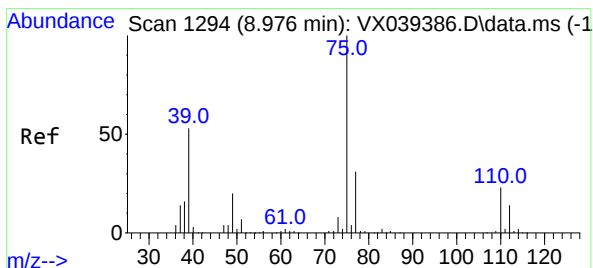
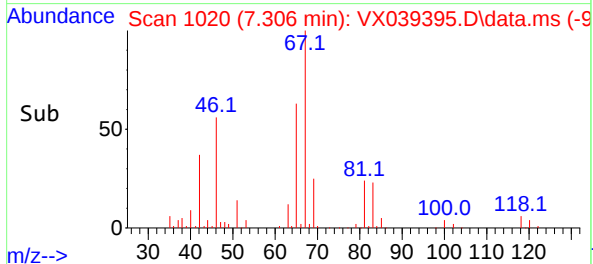
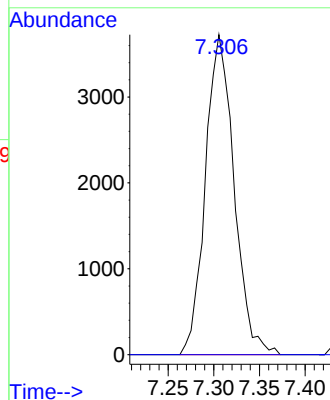
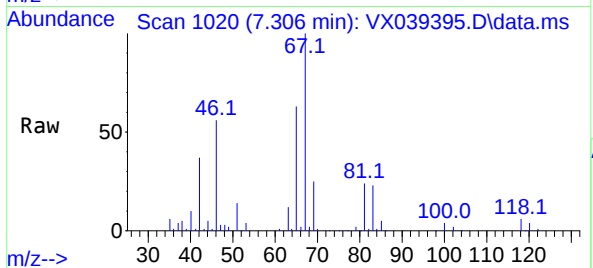




#37
1,2-Dichloropropane
Concen: 6.210 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

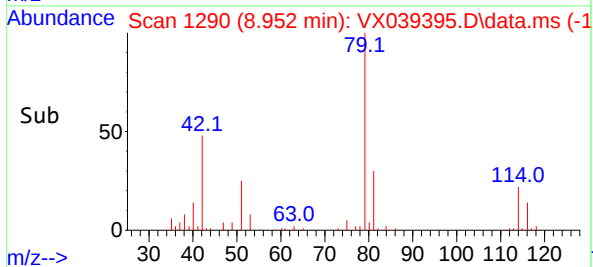
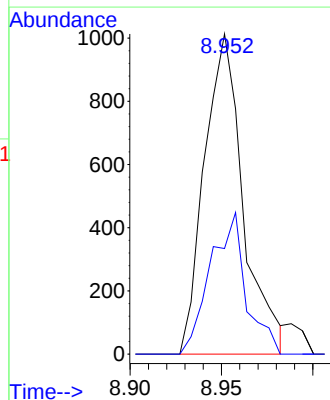
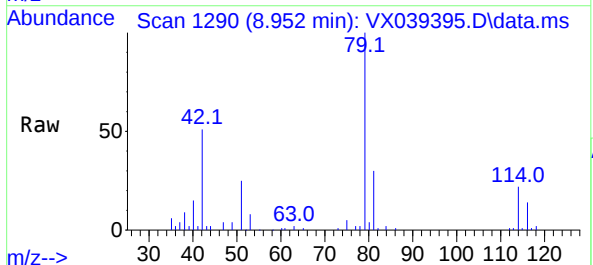
Instrument :
MSVOA_X
ClientSampleId :

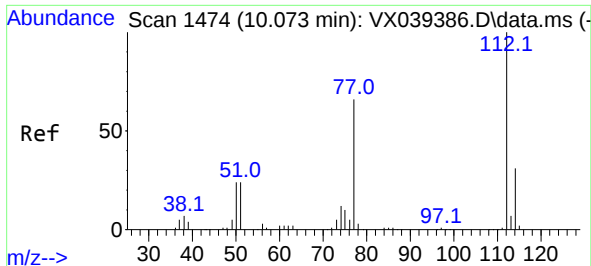
Tgt Ion: 63 Resp: 8132
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#44
trans-1,3-Dichloropropene
Concen: 0.772 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

Tgt Ion: 75 Resp: 1497
Ion Ratio Lower Upper
75 100
77 33.0 22.0 40.8

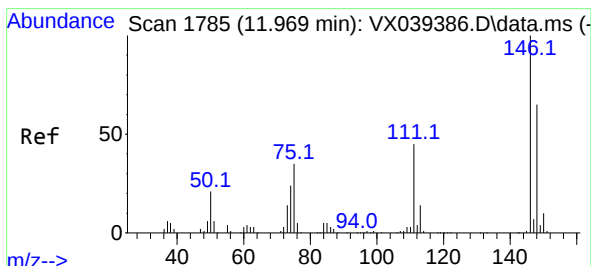
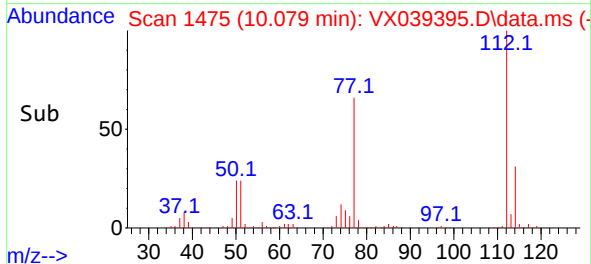
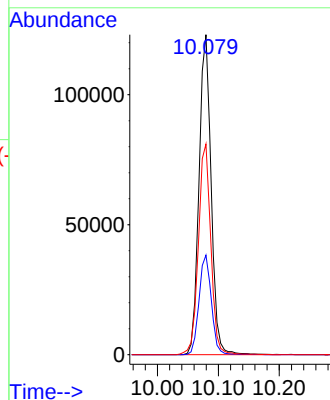
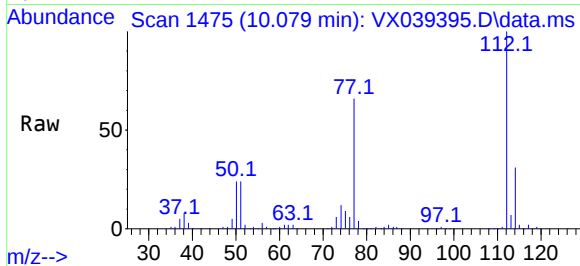




#51
Chlorobenzene
Concen: 54.996 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

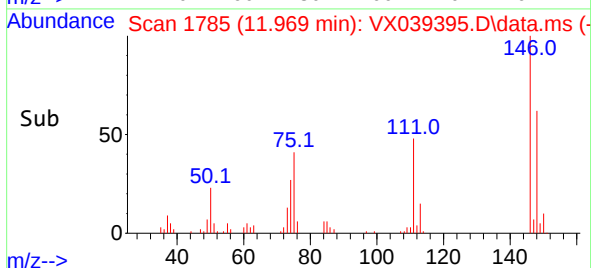
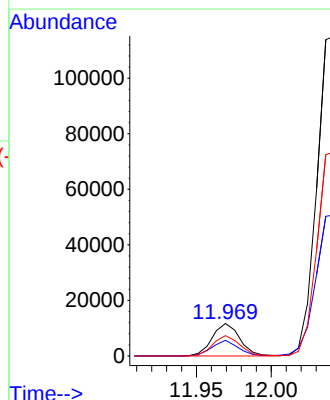
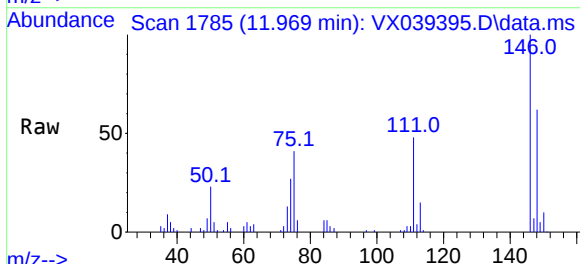
Instrument :
MSVOA_X
ClientSampleId :

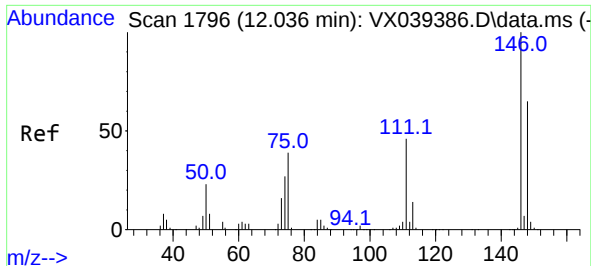
Tgt Ion:112 Resp: 170082
Ion Ratio Lower Upper
112 100
114 31.1 21.8 40.4
77 65.8 49.0 73.6



#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

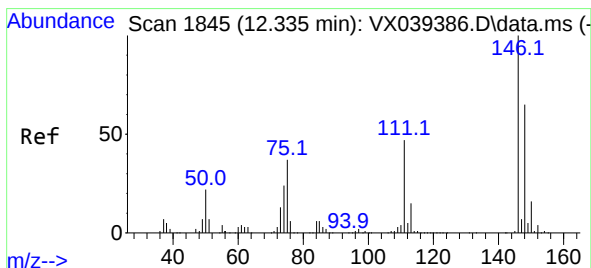
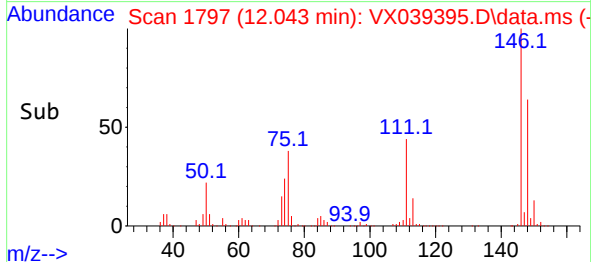
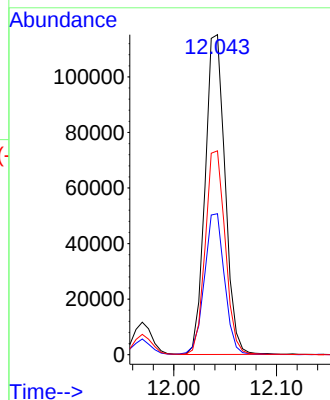
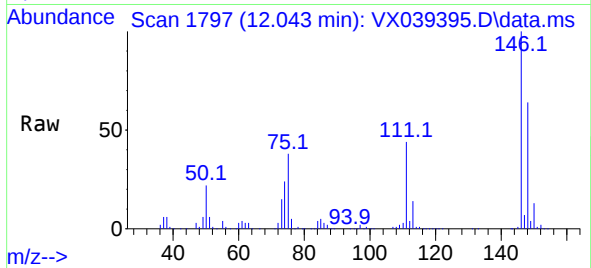




#65
1,4-Dichlorobenzene
Concen: 71.747 ug/L
RT: 12.043 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX039395.D
Acq: 20 Dec 2023 12:48

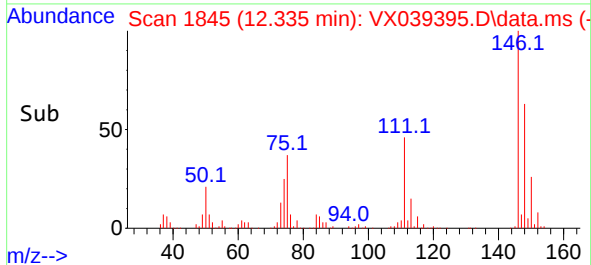
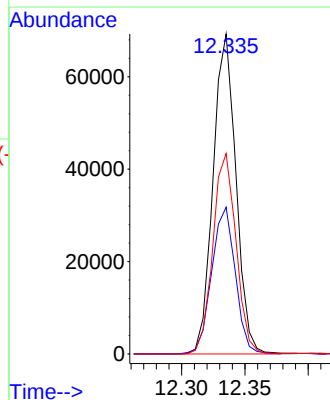
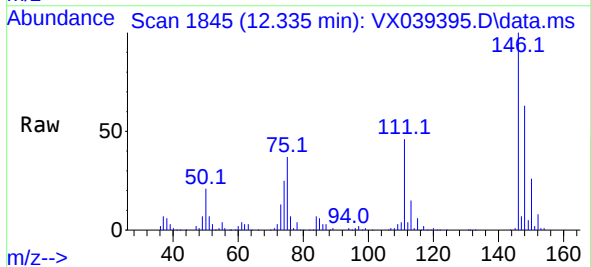
Instrument :
MSVOA_X
ClientSampleId :

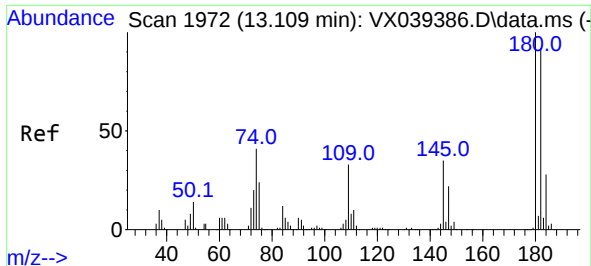
Tgt Ion:146 Resp: 155359
Ion Ratio Lower Upper
146 100
111 44.0 29.7 55.1
148 63.7 45.8 85.2



#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





#69

1,3,5-Trichlorobenzene

Concen: 7.054 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

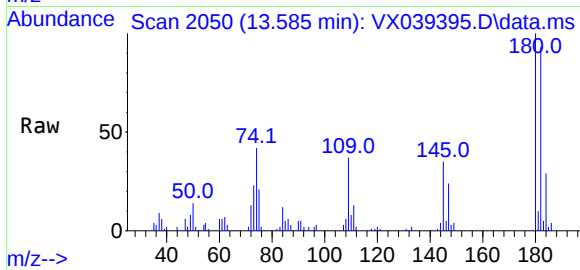
Lab File: VX039395.D

Acq: 20 Dec 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 9968

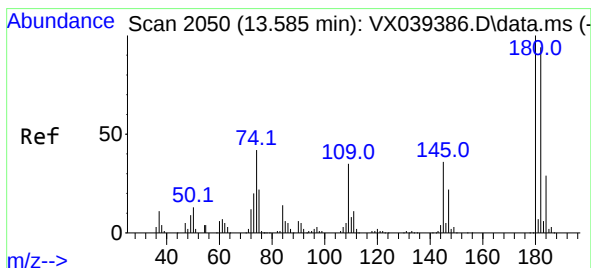
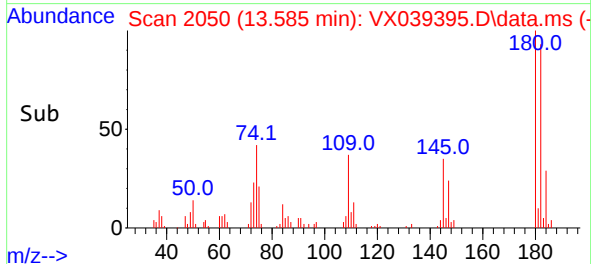
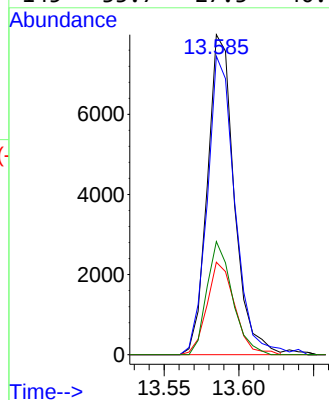
Ion Ratio Lower Upper

180 100

182 96.4 76.1 114.1

184 29.5 24.1 36.1

145 33.7 27.3 40.9



#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

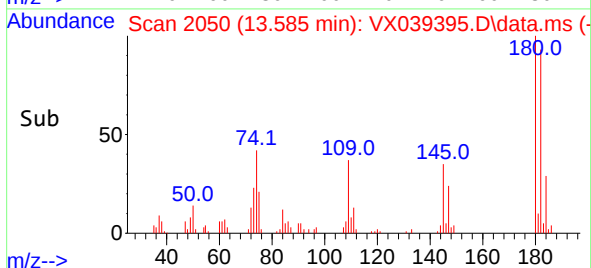
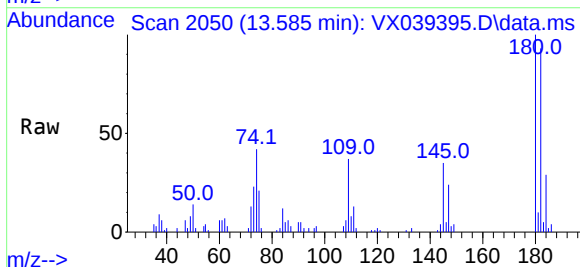
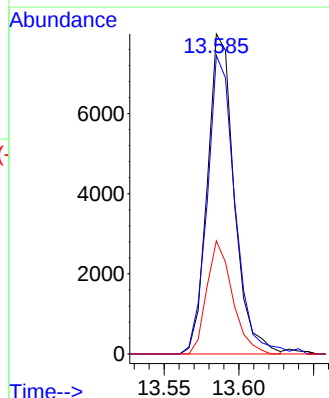
Tgt Ion:180 Resp: 9968

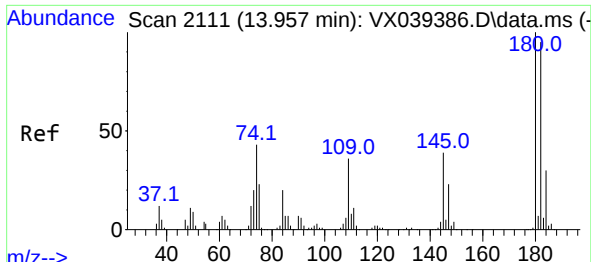
Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

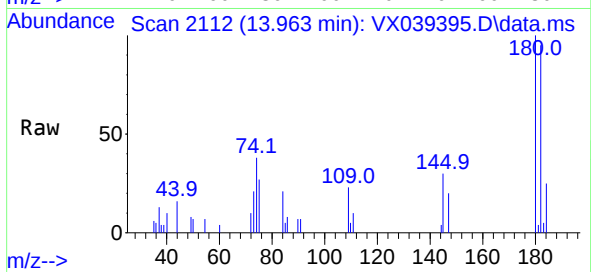
145 33.7 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 1.349 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX039395.D
 Acq: 20 Dec 2023 12:48

Instrument :
 MSVOA_X
 ClientSampleId :



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

