

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039400.D
 Acq On : 20 Dec 2023 14:42
 Operator : JC/MD
 Sample : 05807-14DL 1000X
 Misc : 5.56g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:26:05 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)

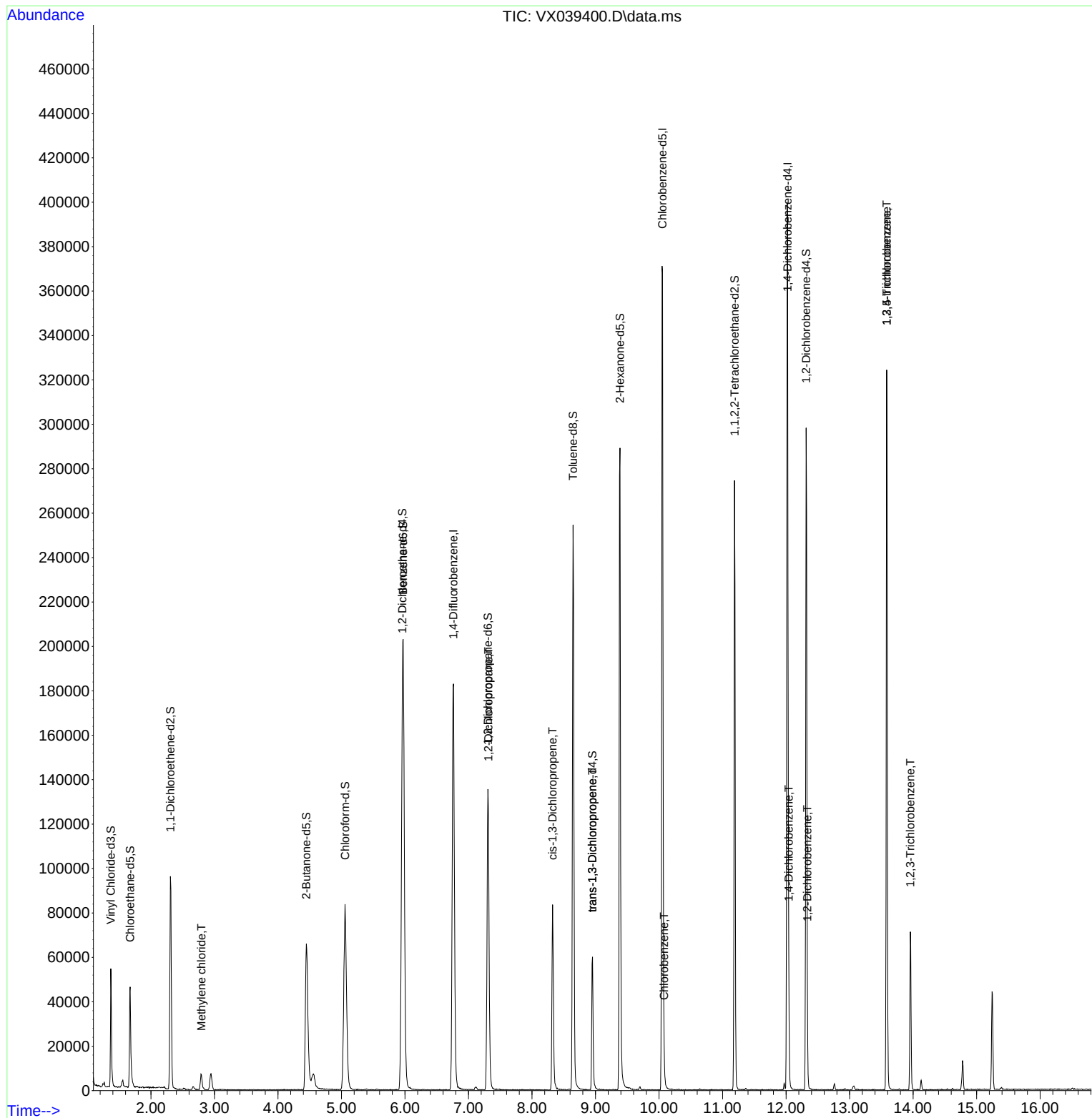
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	178554	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	163026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76541	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	36469	26.040	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	52.080%#		
7) Chloroethane-d5	1.672	69	34800	33.618	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.240%#		
11) 1,1-Dichloroethene-d2	2.306	65	17505	28.475	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.940%#		
21) 2-Butanone-d5	4.446	46	117164	92.422	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.420%		
24) Chloroform-d	5.056	84	98349	39.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.340%		
26) 1,2-Dichloroethane-d4	5.958	65	78595	48.951	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.900%		
32) Benzene-d6	5.970	84	188695	37.504	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.000%		
36) 1,2-Dichloropropane-d6	7.305	67	67014	41.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.780%		
41) Toluene-d8	8.647	98	146979	32.236	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	64.480%#		
43) trans-1,3-Dichloroprop...	8.951	79	28074	34.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.140%		
47) 2-Hexanone-d5	9.384	63	81941	84.730	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.730%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102181	44.485	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.980%		
66) 1,2-Dichlorobenzene-d4	12.317	152	53768	37.164	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.320%#		
Target Compounds						Qvalue
16) Methylene chloride	2.794	84	3439	2.602	ug/L	90
37) 1,2-Dichloropropane	7.312	63	8094	5.633	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2186	0.954	ug/L #	66
44) trans-1,3-Dichloropropene	8.951	75	1508	0.709	ug/L	85
51) Chlorobenzene	10.079	112	3101	0.914	ug/L	90
65) 1,4-Dichlorobenzene	12.042	146	14068	5.799	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	3756	1.640	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.585	180	61636	38.933	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	61636	41.298	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	14288	9.887	ug/L	97

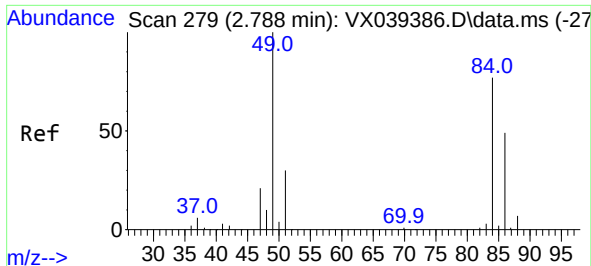
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#16

Methylene chloride

Concen: 2.602 ug/L

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX039400.D

Acq: 20 Dec 2023 14:42

Instrument :

MSVOA_X

ClientSampleId :

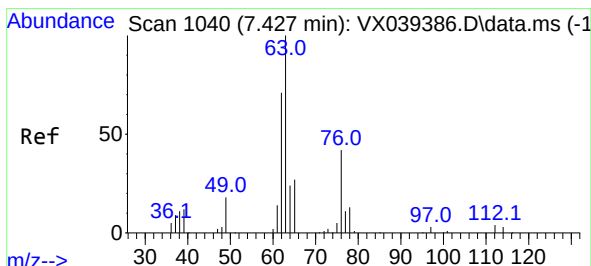
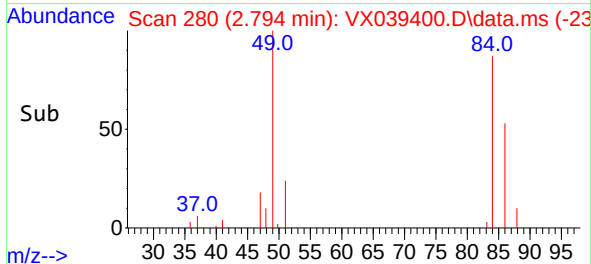
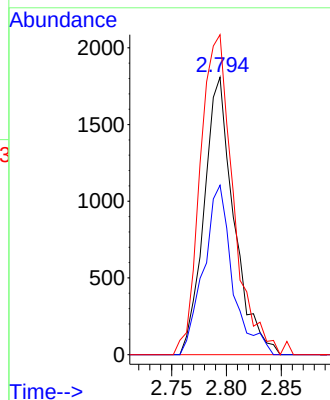
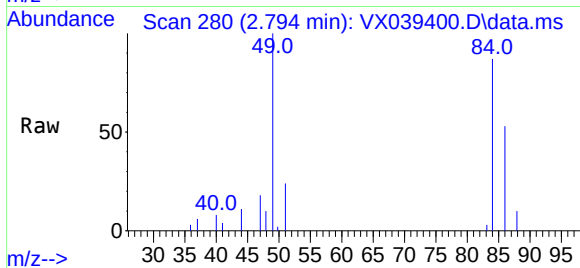
Tgt Ion: 84 Resp: 3439

Ion Ratio Lower Upper

84 100

86 61.0 44.7 82.9

49 115.3 90.9 168.7



#37

1,2-Dichloropropane

Concen: 5.633 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.116 min

Lab File: VX039400.D

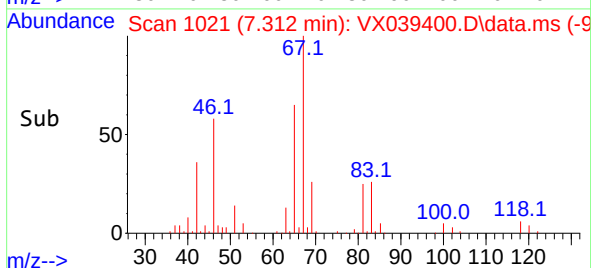
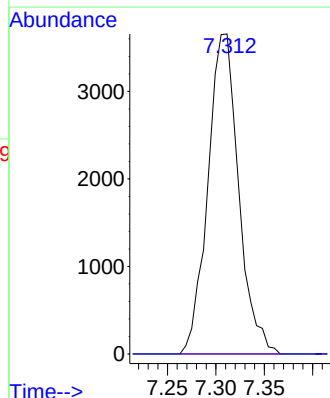
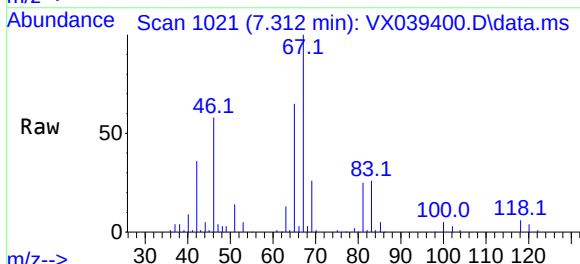
Acq: 20 Dec 2023 14:42

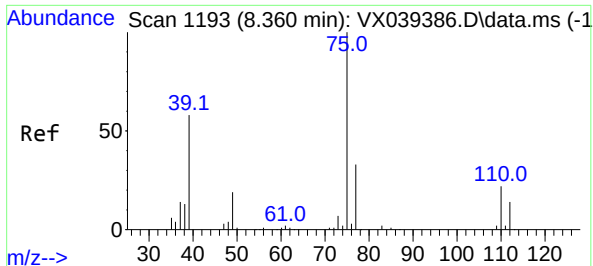
Tgt Ion: 63 Resp: 8094

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.954 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX039400.D

Acq: 20 Dec 2023 14:42

Instrument :

MSVOA_X

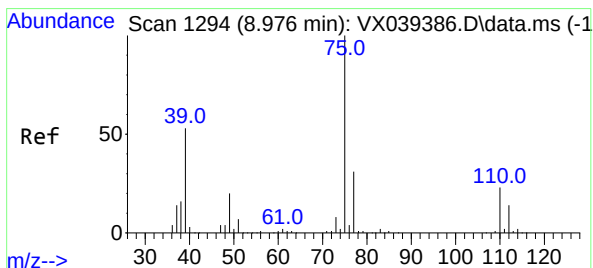
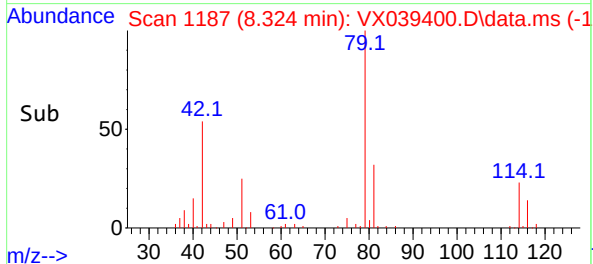
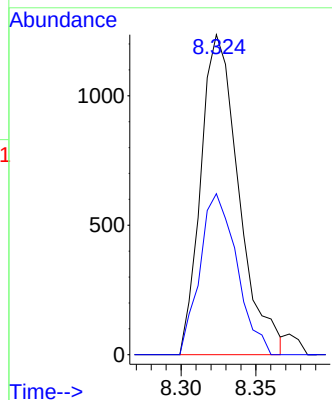
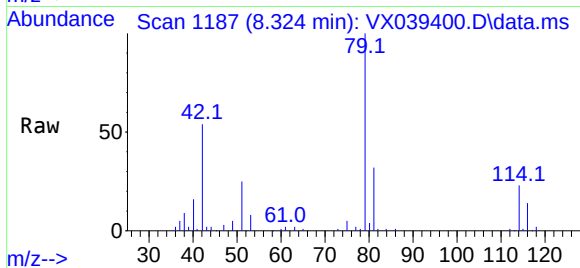
ClientSampleId :

Tgt Ion: 75 Resp: 2186

Ion Ratio Lower Upper

75 100

77 50.3 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.709 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039400.D

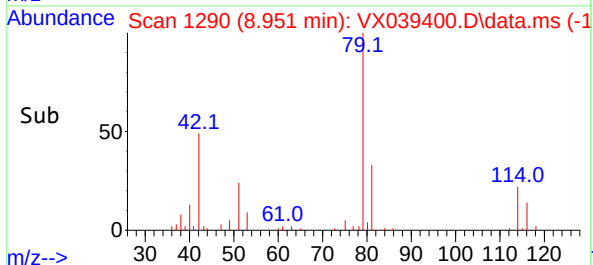
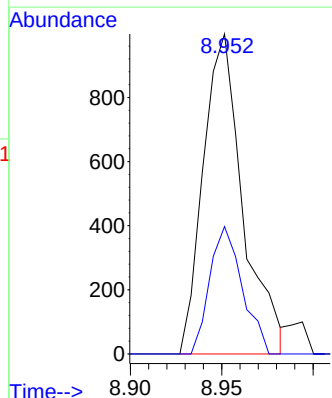
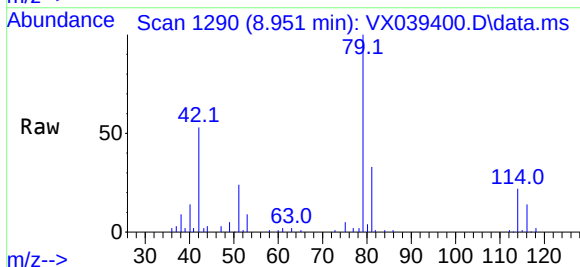
Acq: 20 Dec 2023 14:42

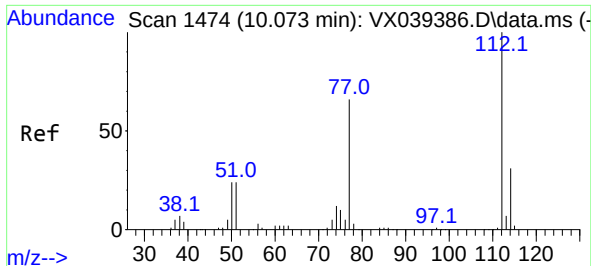
Tgt Ion: 75 Resp: 1508

Ion Ratio Lower Upper

75 100

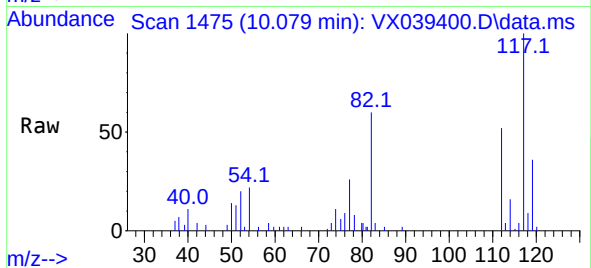
77 39.8 22.0 40.8



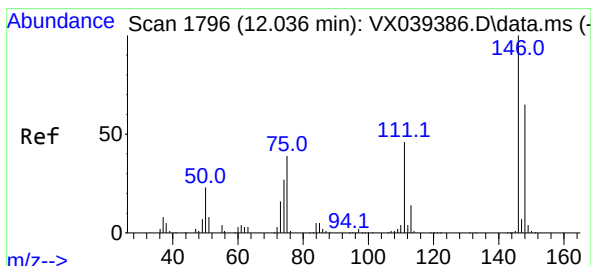
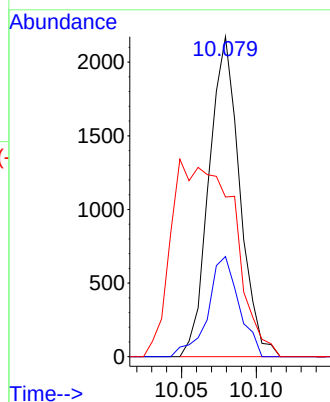
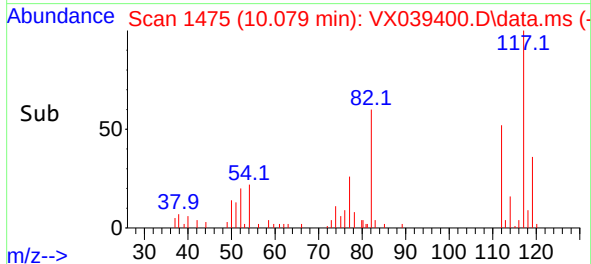


#51
Chlorobenzene
Concen: 0.914 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX039400.D
Acq: 20 Dec 2023 14:42

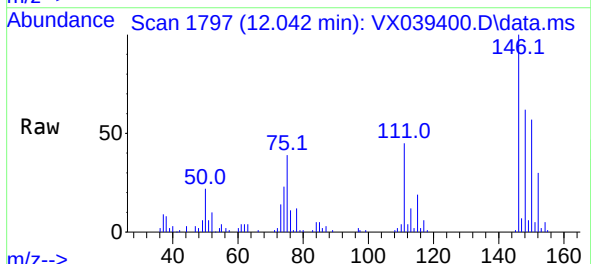
Instrument :
MSVOA_X
ClientSampleId :



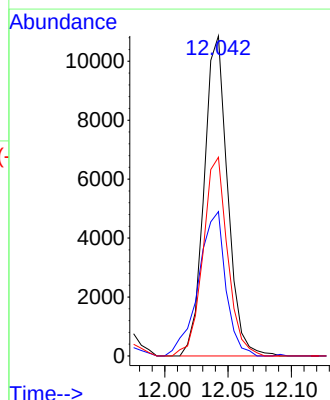
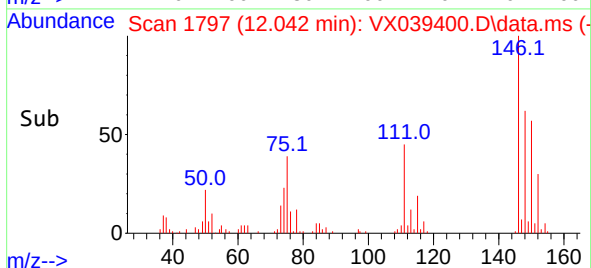
Tgt Ion:112 Resp: 3101
Ion Ratio Lower Upper
112 100
114 31.3 21.8 40.4
77 49.9 49.0 73.6

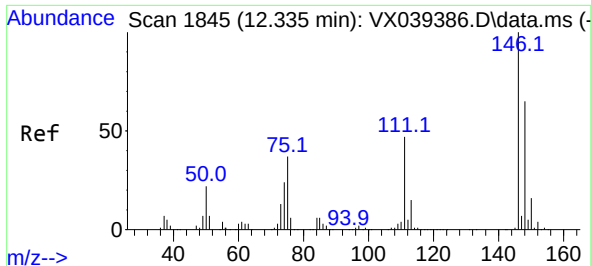


#65
1,4-Dichlorobenzene
Concen: 5.799 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039400.D
Acq: 20 Dec 2023 14:42



Tgt Ion:146 Resp: 14068
Ion Ratio Lower Upper
146 100
111 45.1 29.7 55.1
148 62.1 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 1.640 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039400.D

Acq: 20 Dec 2023 14:42

Instrument :

MSVOA_X

ClientSampleId :

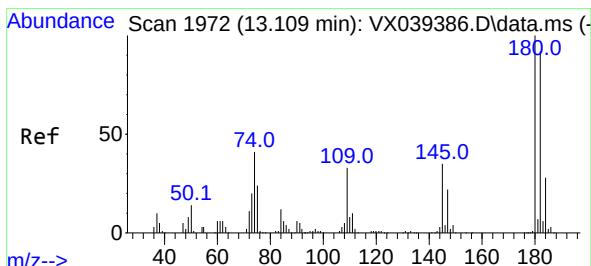
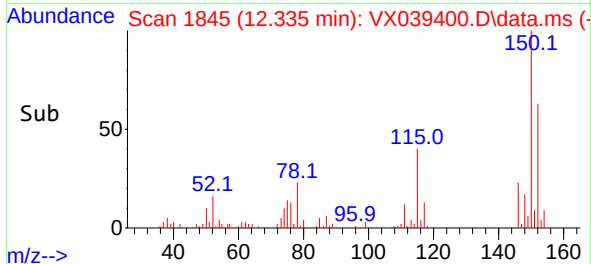
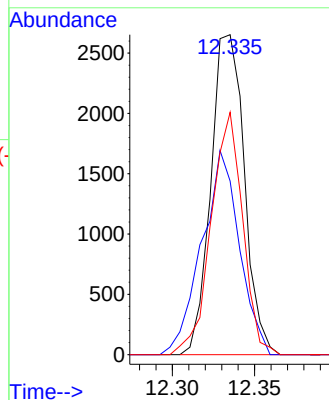
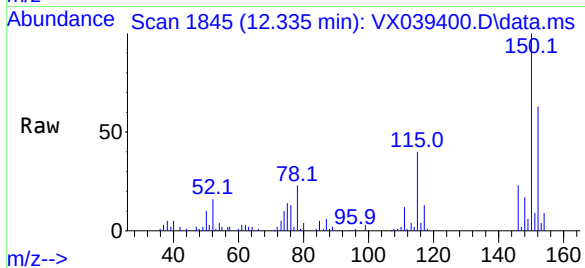
Tgt Ion:146 Resp: 3756

Ion Ratio Lower Upper

146 100

111 54.2 36.4 54.6

148 75.7 50.0 75.0#



#69

1,3,5-Trichlorobenzene

Concen: 38.933 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

Lab File: VX039400.D

Acq: 20 Dec 2023 14:42

Tgt Ion:180 Resp: 61636

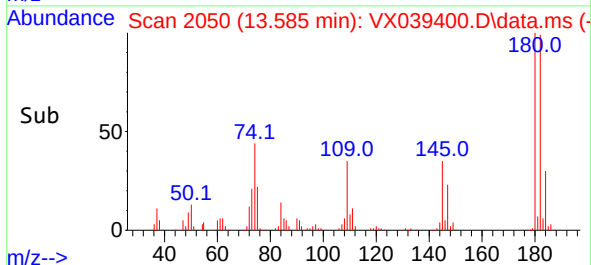
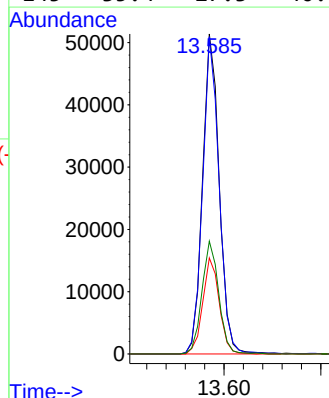
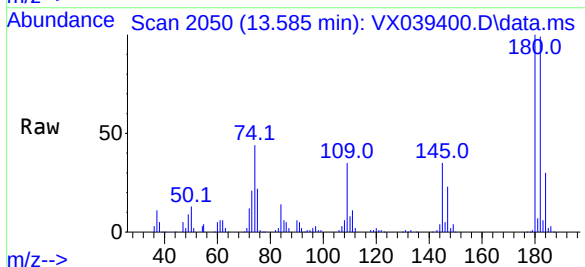
Ion Ratio Lower Upper

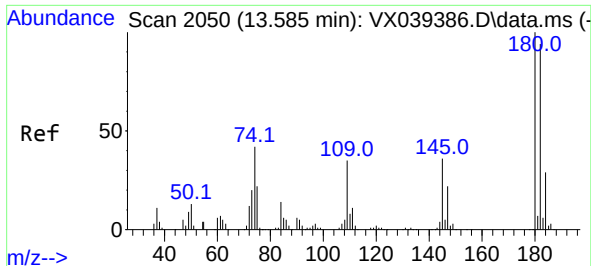
180 100

182 97.4 76.1 114.1

184 29.7 24.1 36.1

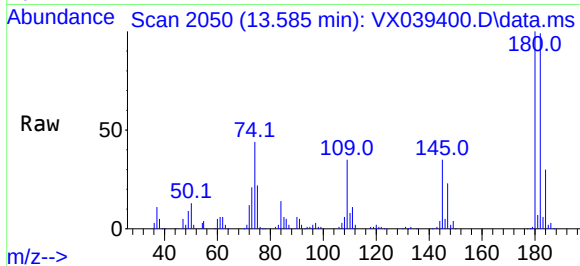
145 35.4 27.3 40.9



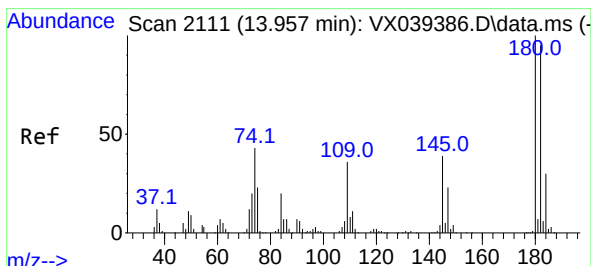
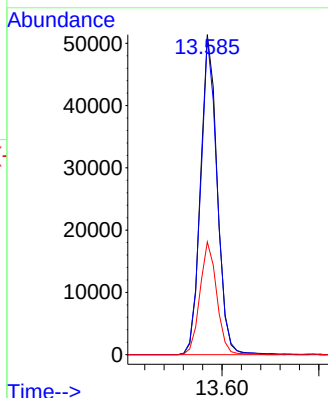
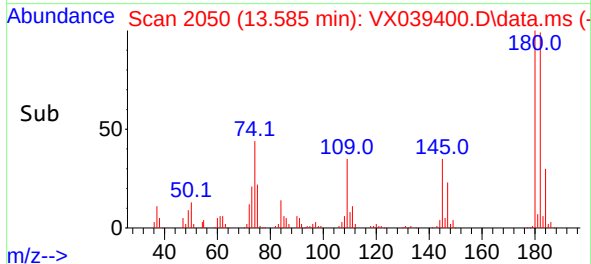


#70
1,2,4-trichlorobenzene
Concen: 41.298 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039400.D
Acq: 20 Dec 2023 14:42

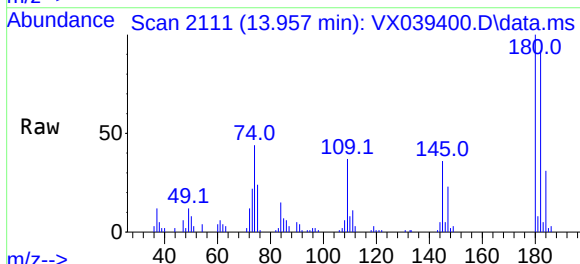
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 61636
Ion Ratio Lower Upper
180 100
182 97.4 76.8 115.2
145 35.4 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 9.887 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039400.D
Acq: 20 Dec 2023 14:42



Tgt Ion:180 Resp: 14288
Ion Ratio Lower Upper
180 100
182 97.4 75.9 113.9
145 38.7 28.6 42.8

