

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039114.D
 Acq On : 08 Dec 2023 18:50
 Operator : JC/MD
 Sample : 05646-13ME 40X
 Misc : 0.90g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COASOME

Quant Time: Dec 09 03:42:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

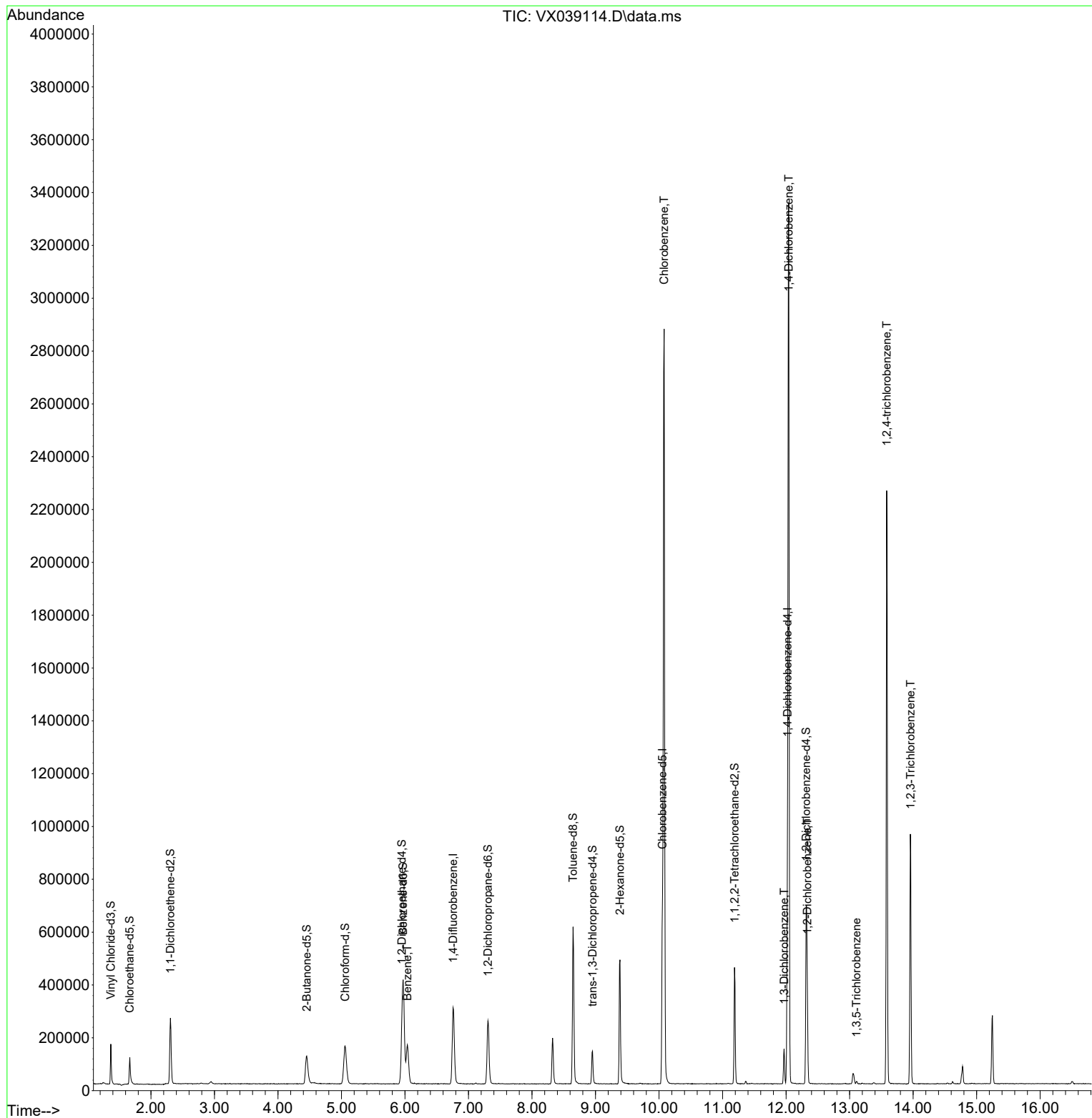
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	294191	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266886	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126101	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	96628	41.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.760%		
7) Chloroethane-d5	1.666	69	73415	43.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.080%		
11) 1,1-Dichloroethene-d2	2.307	65	44962	44.390	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.780%		
21) 2-Butanone-d5	4.452	46	189710	90.826	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.830%		
24) Chloroform-d	5.056	84	178784	43.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.540%		
26) 1,2-Dichloroethane-d4	5.952	65	121779	46.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.060%		
32) Benzene-d6	5.971	84	394610	47.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.820%		
36) 1,2-Dichloropropane-d6	7.306	67	128290	48.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.800%		
41) Toluene-d8	8.647	98	350592	46.969	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.940%		
43) trans-1,3-Dichloroprop...	8.952	79	61008	45.228	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.460%		
47) 2-Hexanone-d5	9.385	63	140081	88.480	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.480%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	175030	46.547	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	120665	50.624	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.240%		
Target Compounds					Qvalue	
33) Benzene	6.038	78	181018	21.343	ug/L	100
51) Chlorobenzene	10.080	112	1200935	216.171	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	39648	10.053	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	993857	248.682	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	89577	23.744	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	2269	0.870	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	450936	183.396	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	203029	85.278	ug/L	100

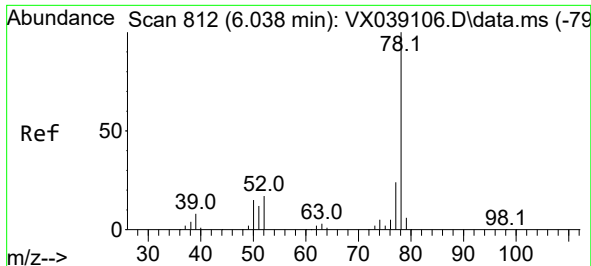
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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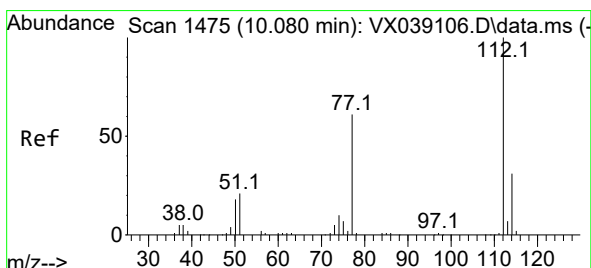
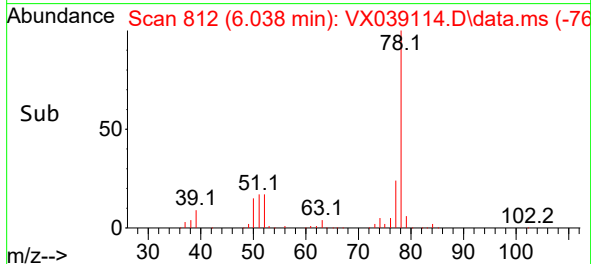
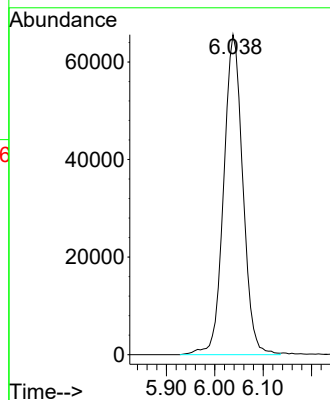
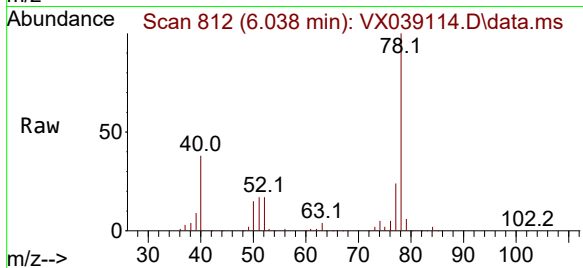




#33
Benzene
Concen: 21.343 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

Instrument :
MSVOA_X
ClientSampleId :
COASOME

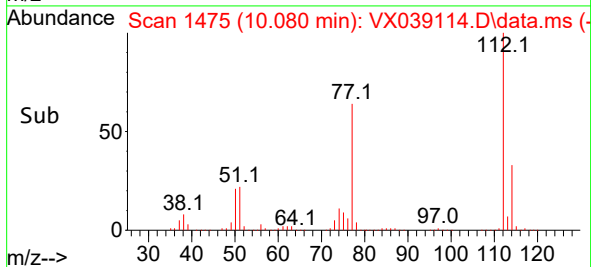
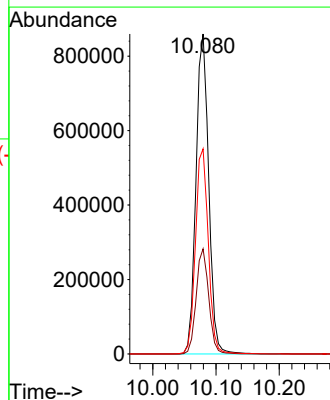
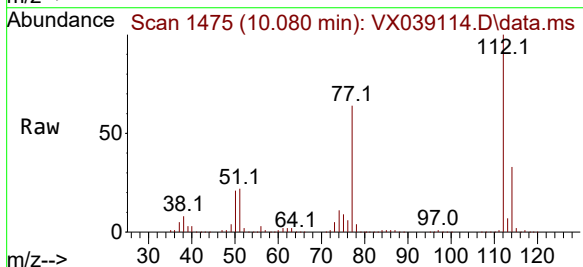
Tgt Ion: 78 Resp: 181018

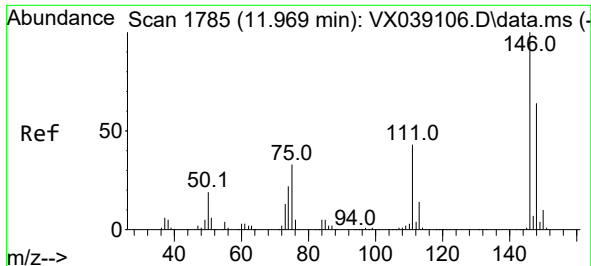


#51
Chlorobenzene
Concen: 216.171 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

Tgt Ion:112 Resp: 1200935

Ion	Ratio	Lower	Upper
112	100		
114	32.8	21.8	40.4
77	64.1	49.0	73.6

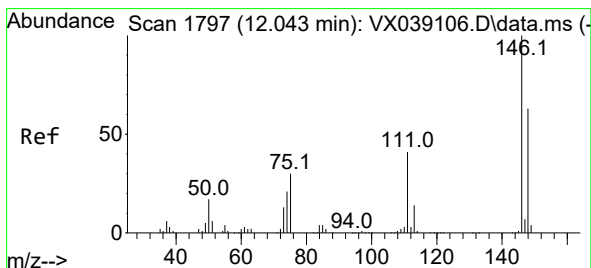
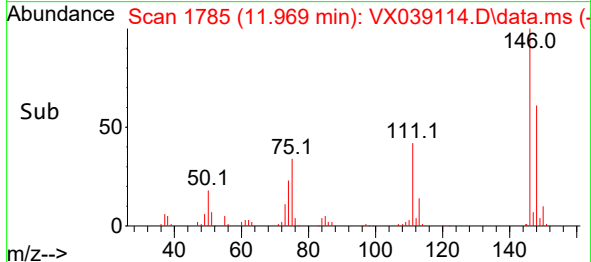
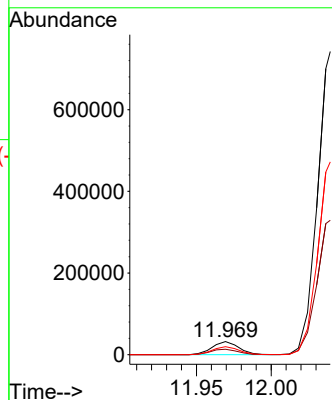
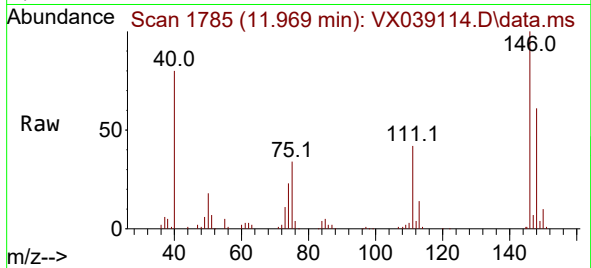




#64
1,3-Dichlorobenzene
Concen: 10.053 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

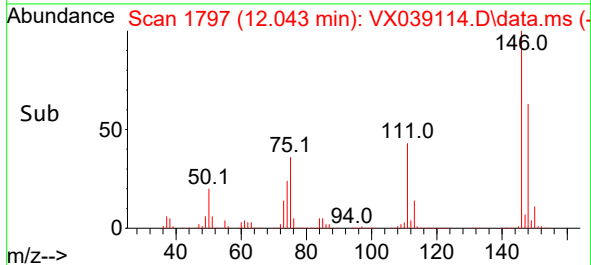
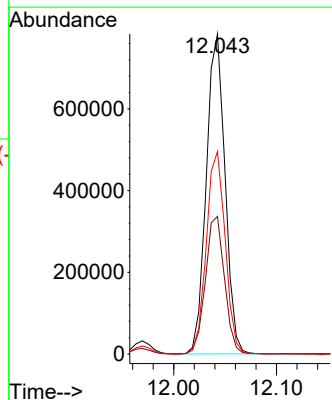
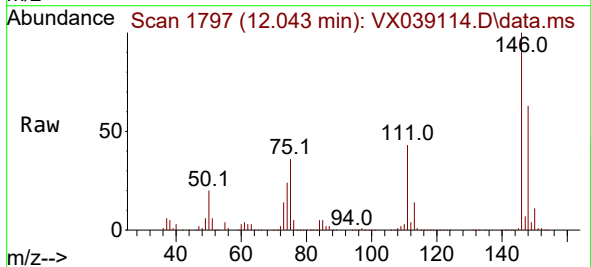
Instrument :
MSVOA_X
ClientSampleId :
COASOME

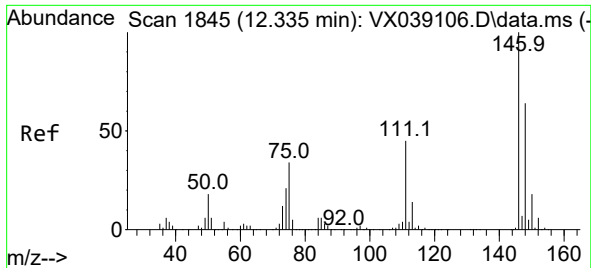
Tgt Ion:146 Resp: 39648
Ion Ratio Lower Upper
146 100
111 41.6 30.0 55.6
148 60.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 248.682 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

Tgt Ion:146 Resp: 993857
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 63.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 23.744 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039114.D

Acq: 08 Dec 2023 18:50

Instrument :

MSVOA_X

ClientSampleId :

COASOME

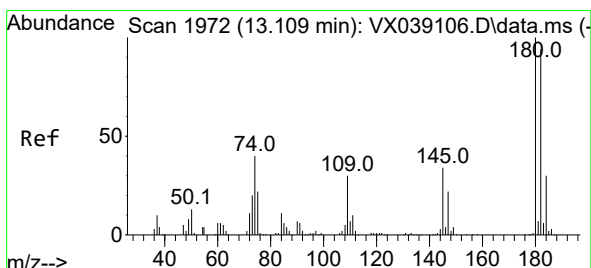
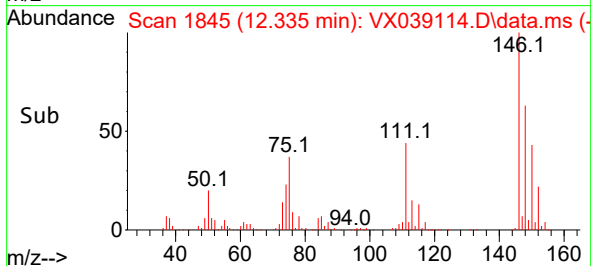
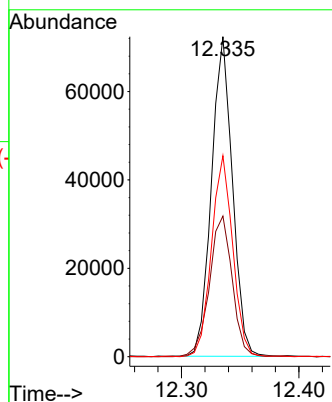
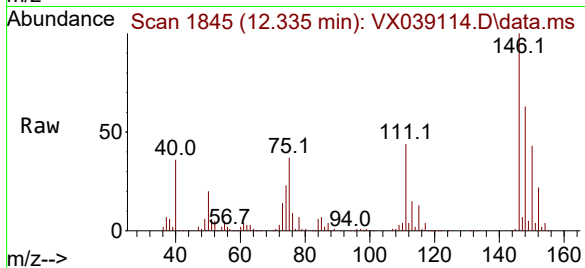
Tgt Ion:146 Resp: 89577

Ion Ratio Lower Upper

146 100

111 43.9 36.4 54.6

148 62.8 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 0.870 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX039114.D

Acq: 08 Dec 2023 18:50

Tgt Ion:180 Resp: 2269

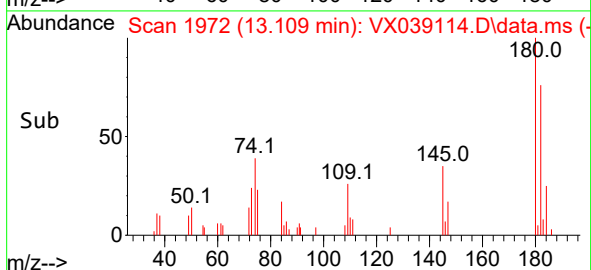
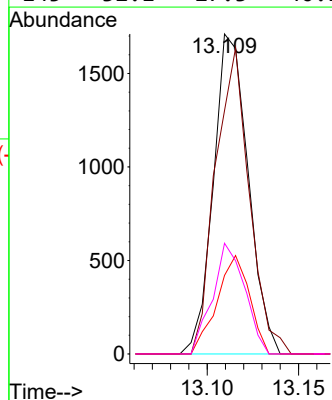
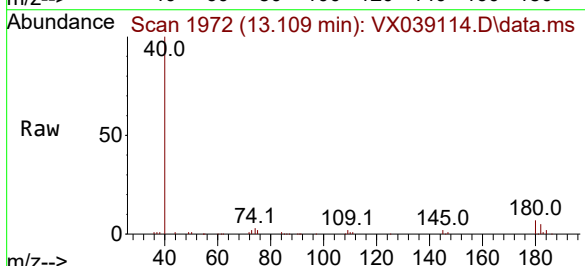
Ion Ratio Lower Upper

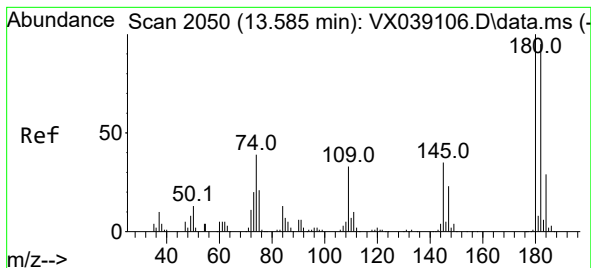
180 100

182 92.6 76.1 114.1

184 28.7 24.1 36.1

145 32.1 27.3 40.9





#70

1,2,4-trichlorobenzene

Concen: 183.396 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039114.D

Acq: 08 Dec 2023 18:50

Instrument :

MSVOA_X

ClientSampleId :

COASOME

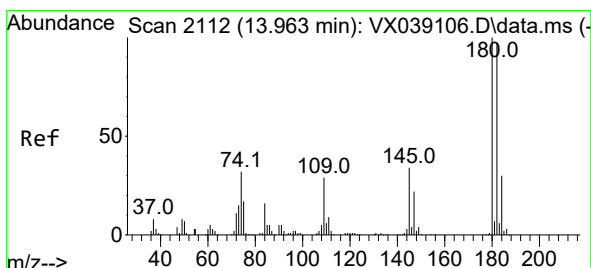
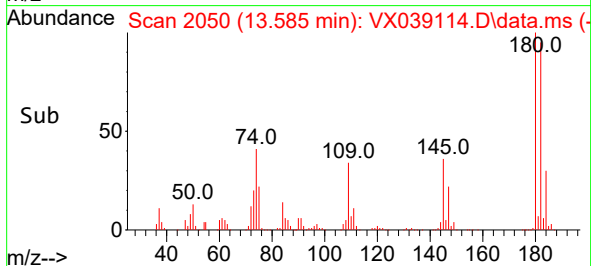
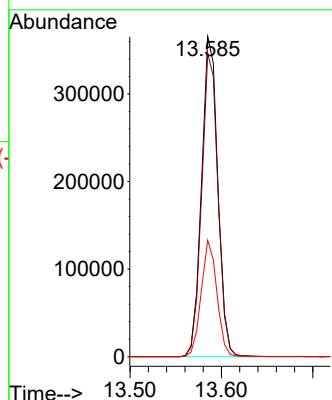
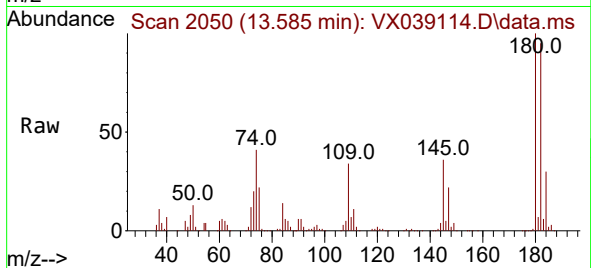
Tgt Ion:180 Resp: 450936

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

145 35.1 27.8 41.6



#72

1,2,3-Trichlorobenzene

Concen: 85.278 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039114.D

Acq: 08 Dec 2023 18:50

Tgt Ion:180 Resp: 203029

Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 35.8 28.6 42.8

