

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035207.D
 Acq On : 20 Apr 2023 11:29
 Operator : JC/MD
 Sample : 02397-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:28:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

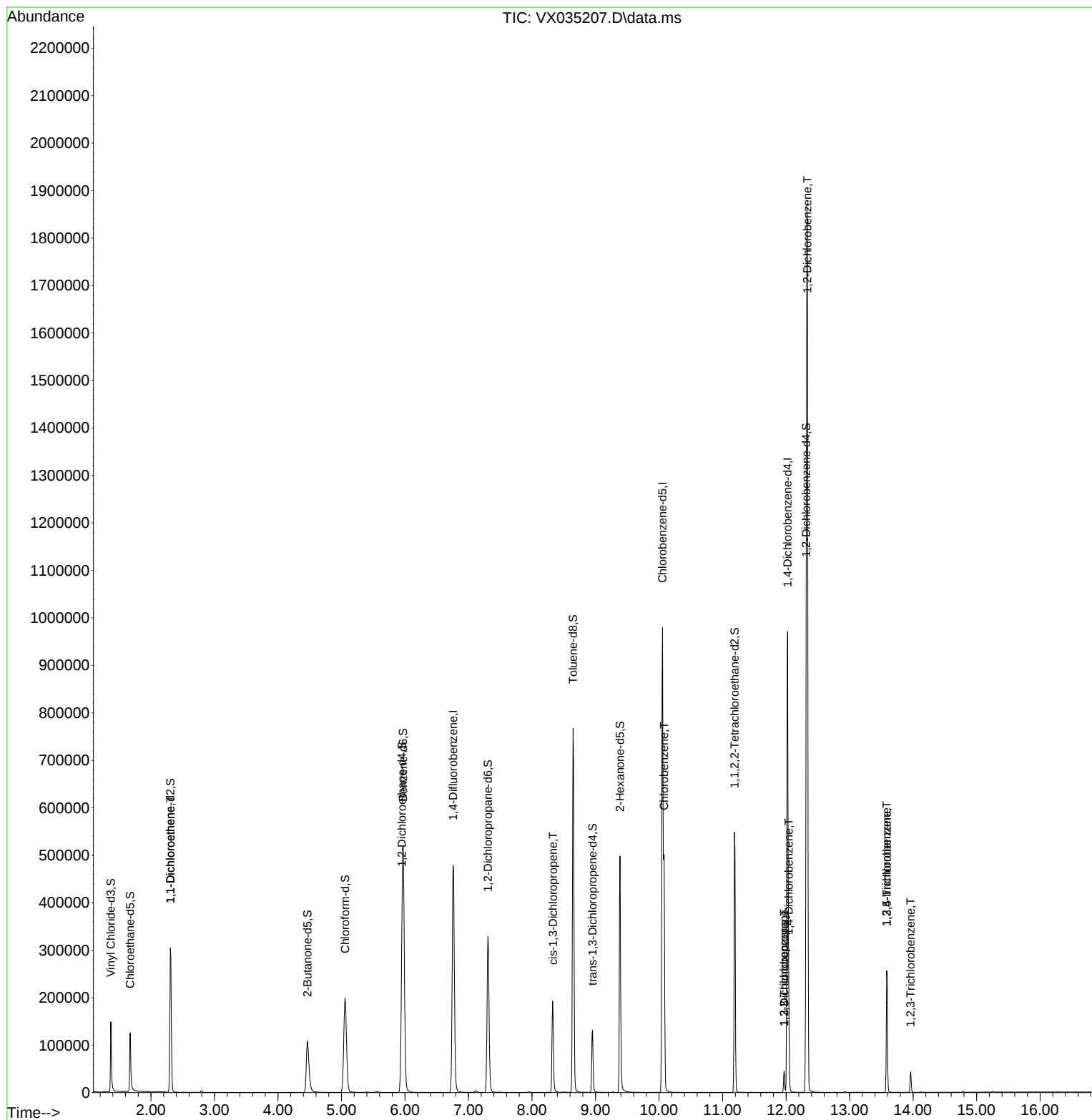
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	505476	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	434253	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	204767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	104149	31.954	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.900%		
7) Chloroethane-d5	1.672	69	85844	36.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.900%		
11) 1,1-Dichloroethene-d2	2.306	65	54209	34.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.520%		
21) 2-Butanone-d5	4.464	46	203248	93.577	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.580%		
24) Chloroform-d	5.056	84	254730	41.501	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.000%		
26) 1,2-Dichloroethane-d4	5.952	65	173752	44.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
32) Benzene-d6	5.970	84	526798	42.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.460%		
36) 1,2-Dichloropropane-d6	7.305	67	170137	44.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.300%		
41) Toluene-d8	8.647	98	457875	40.162	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.320%		
43) trans-1,3-Dichloroprop...	8.951	79	64246	38.580	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.160%		
47) 2-Hexanone-d5	9.384	63	143151	93.551	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.550%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	213998	45.857	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.720%		
66) 1,2-Dichlorobenzene-d4	12.317	152	177150	44.643	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.280%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1477	0.489	ug/L #	1
39) cis-1,3-Dichloropropene	8.330	75	4342	0.839	ug/L #	48
51) Chlorobenzene	10.079	112	212702	23.663	ug/L	99
61) 1,2,3-Trichloropropane	11.969	75	4769	1.261	ug/L #	47
64) 1,3-Dichlorobenzene	11.969	146	15358	2.418	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	65600	10.095	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	532818	82.750	ug/L	98
69) 1,3,5-Trichlorobenzene	13.585	180	62607	15.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	62607	17.031	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	10164	2.801	ug/L	94

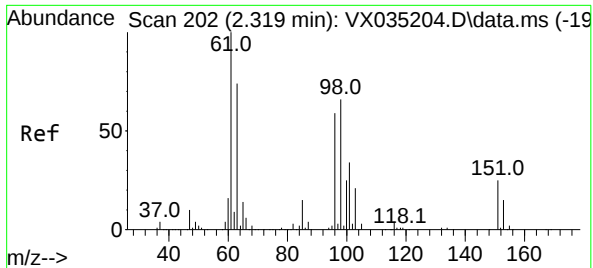
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.489 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX035207.D

Acq: 20 Apr 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

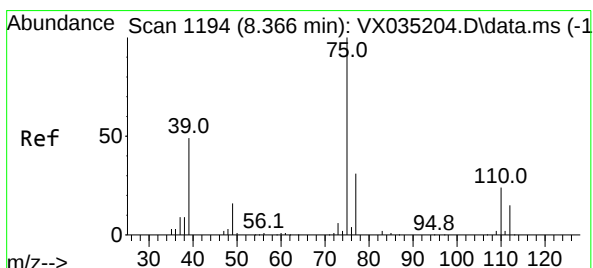
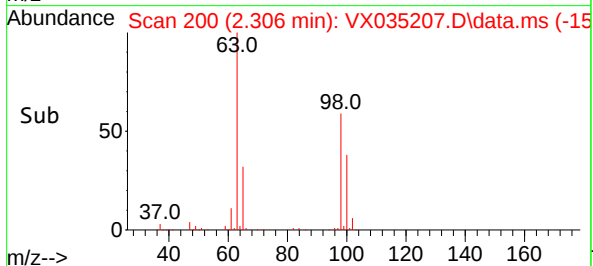
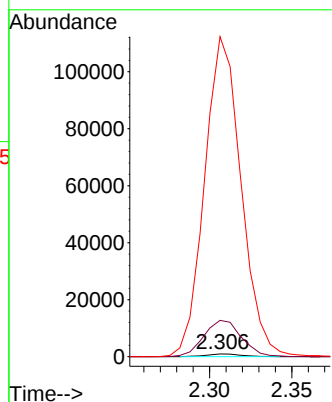
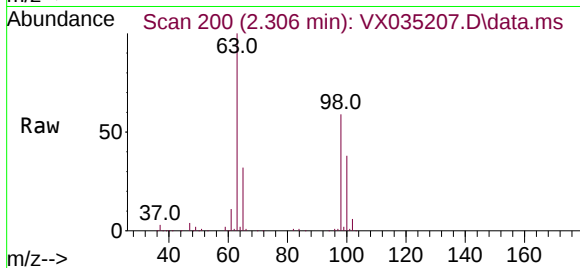
Tgt Ion: 96 Resp: 1477

Ion Ratio Lower Upper

96 100

61 1301.4 119.0 221.0#

63 11483.0 91.0 169.0#



#39

cis-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX035207.D

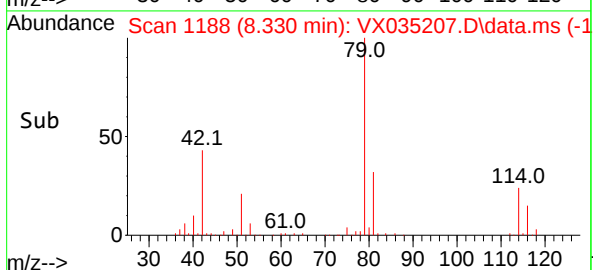
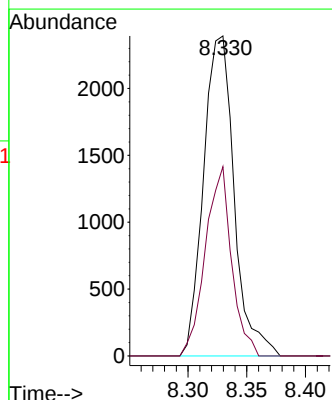
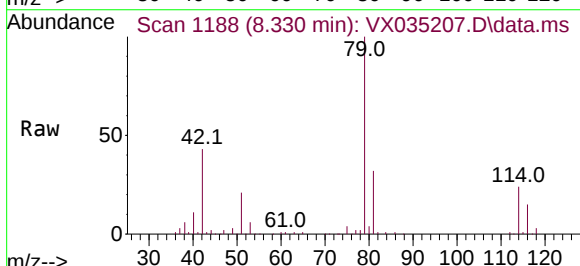
Acq: 20 Apr 2023 11:29

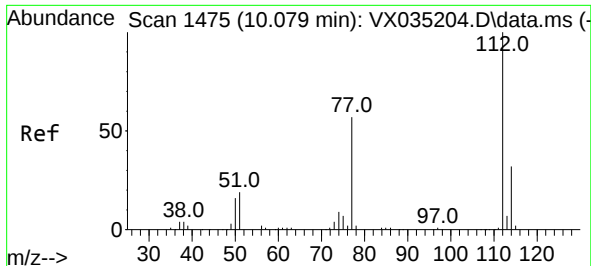
Tgt Ion: 75 Resp: 4342

Ion Ratio Lower Upper

75 100

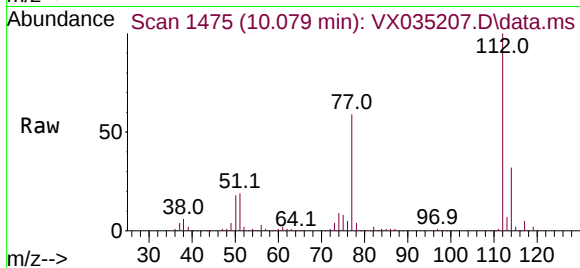
77 59.1 21.4 39.8#



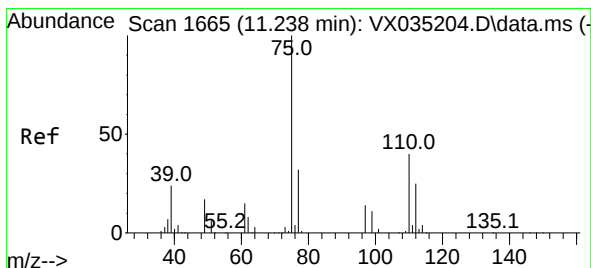
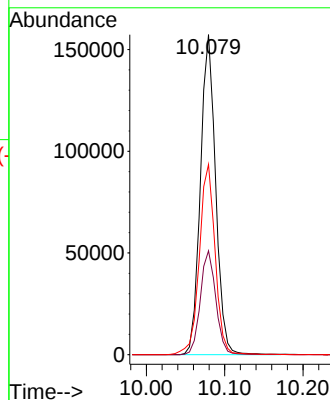
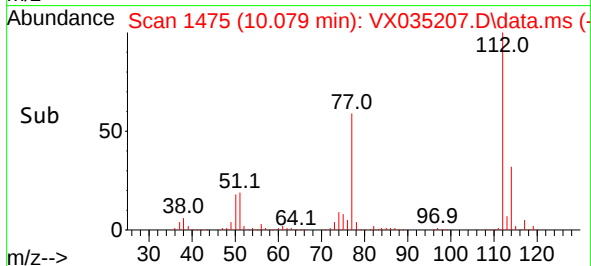


#51
Chlorobenzene
Concen: 23.663 ug/L
RT: 10.079 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

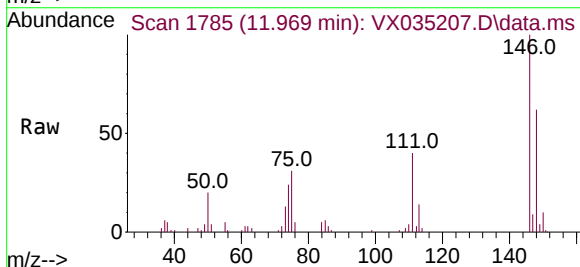
Instrument :
MSVOA_X
ClientSampleId :



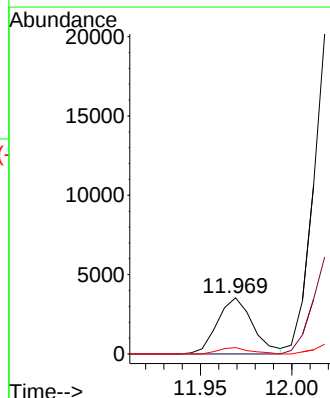
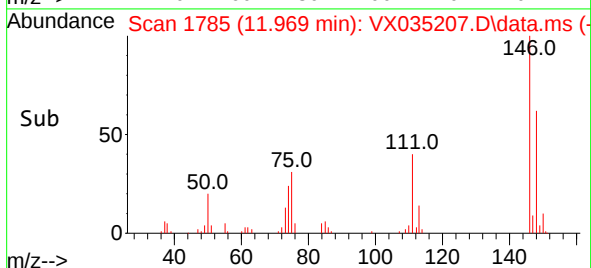
Tgt Ion:112 Resp: 212702
Ion Ratio Lower Upper
112 100
114 32.4 22.4 41.6
77 59.4 47.0 70.6

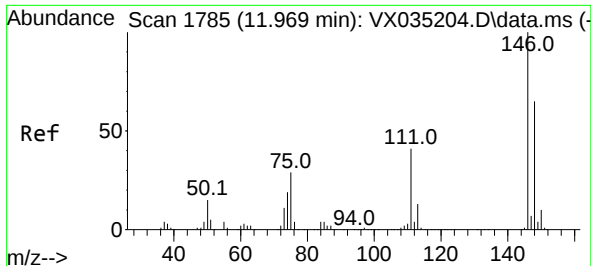


#61
1,2,3-Trichloropropane
Concen: 1.261 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.731 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29



Tgt Ion: 75 Resp: 4769
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 10.0 32.5 48.7#

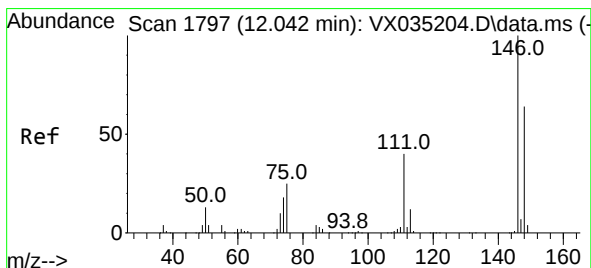
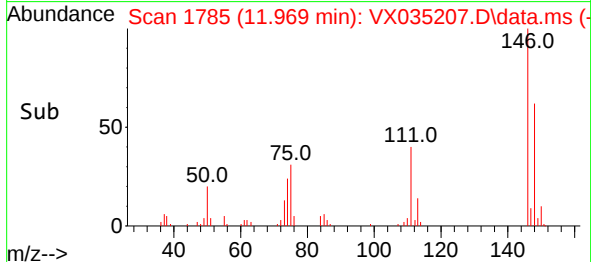
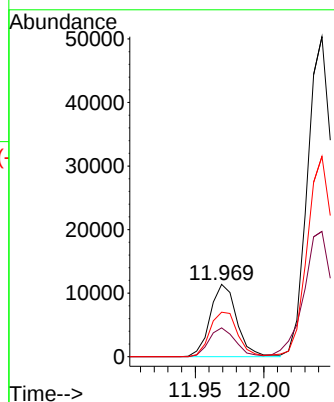
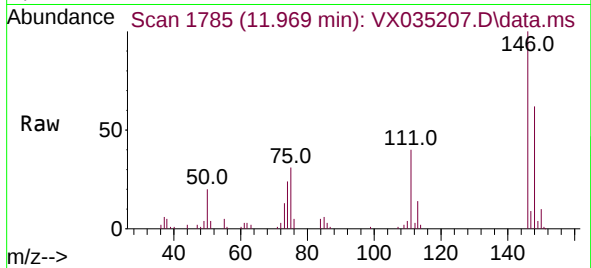




#64
1,3-Dichlorobenzene
Concen: 2.418 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

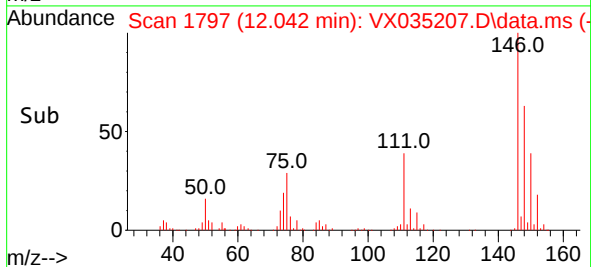
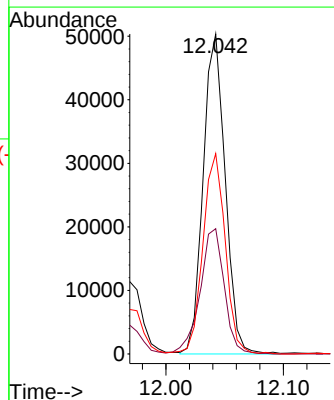
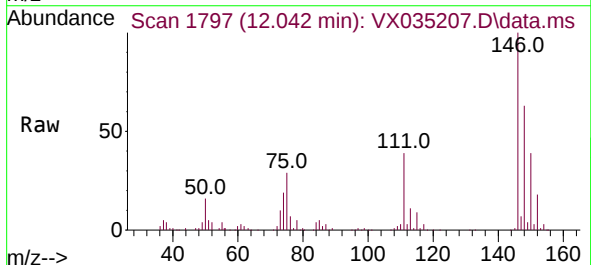
Instrument :
MSVOA_X
ClientSampleId :

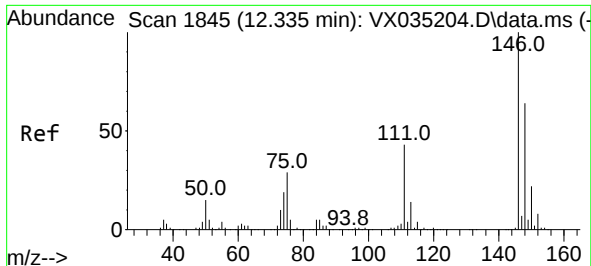
Tgt Ion:146 Resp: 15358
Ion Ratio Lower Upper
146 100
111 39.9 28.9 53.7
148 61.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 10.095 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035207.D
Acq: 20 Apr 2023 11:29

Tgt Ion:146 Resp: 65600
Ion Ratio Lower Upper
146 100
111 39.2 27.9 51.7
148 62.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 82.750 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035207.D

Acq: 20 Apr 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

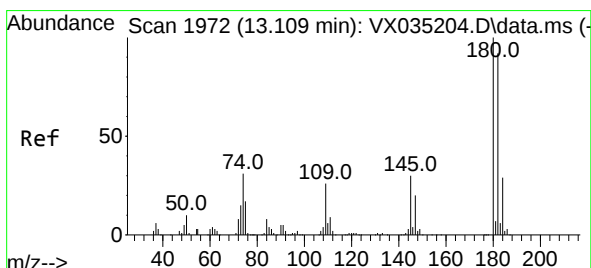
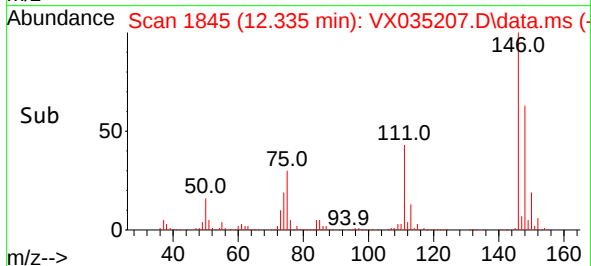
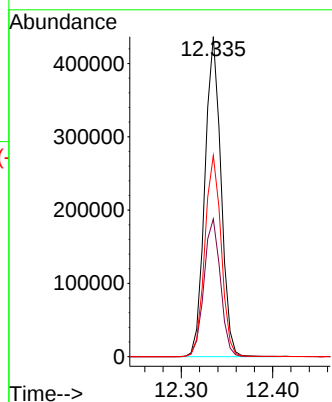
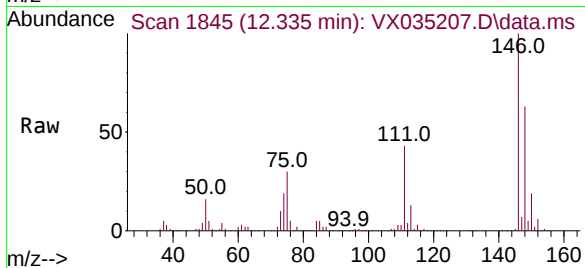
Tgt Ion:146 Resp: 532818

Ion Ratio Lower Upper

146 100

111 43.1 34.7 52.1

148 62.8 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 15.948 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX035207.D

Acq: 20 Apr 2023 11:29

Tgt Ion:180 Resp: 62607

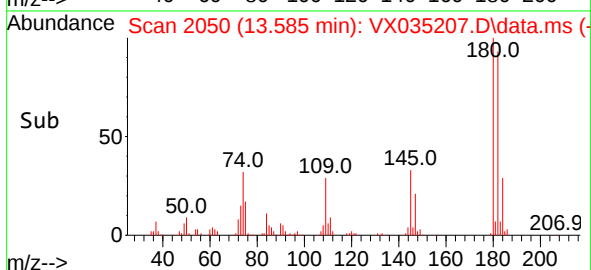
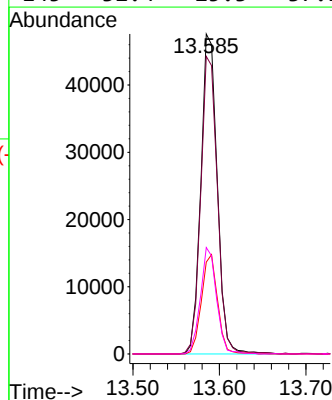
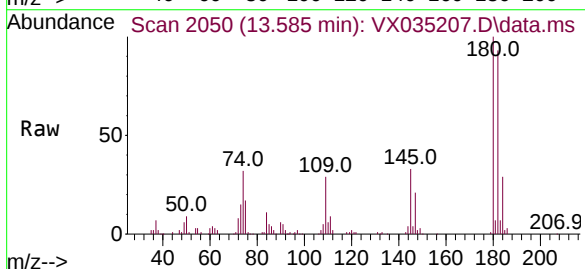
Ion Ratio Lower Upper

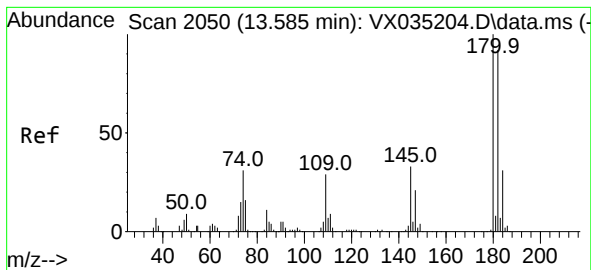
180 100

182 94.6 75.4 113.0

184 30.4 23.8 35.8

145 32.4 25.3 37.9





#70

1,2,4-trichlorobenzene

Concen: 17.031 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035207.D

Acq: 20 Apr 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

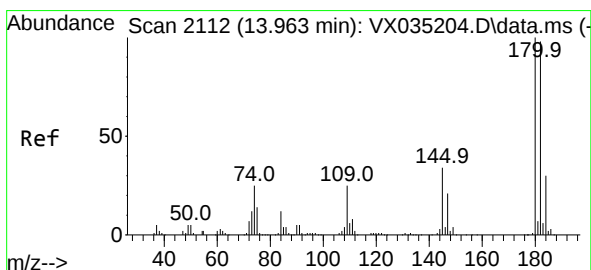
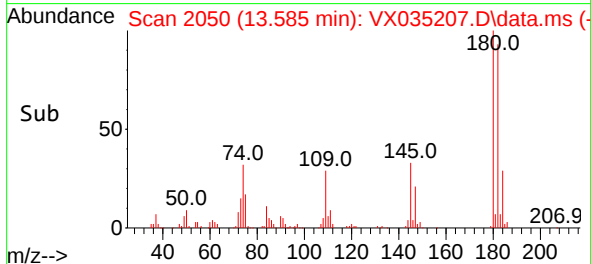
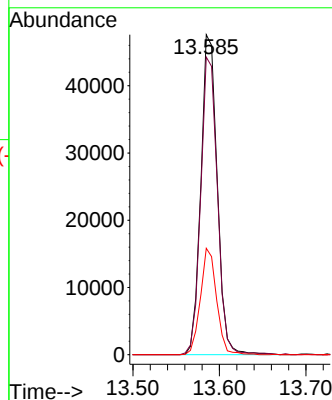
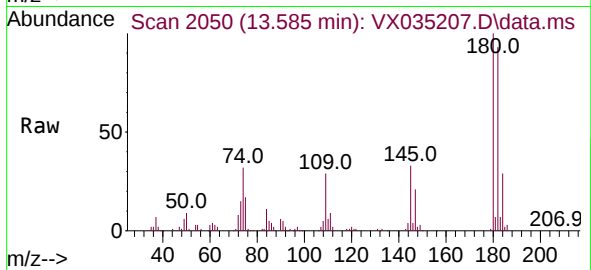
Tgt Ion:180 Resp: 62607

Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

145 32.4 26.2 39.4



#72

1,2,3-Trichlorobenzene

Concen: 2.801 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035207.D

Acq: 20 Apr 2023 11:29

Tgt Ion:180 Resp: 10164

Ion Ratio Lower Upper

180 100

182 99.2 75.0 112.6

145 37.0 27.1 40.7

