

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041031.D
 Acq On : 12 Apr 2024 15:34
 Operator : JC/MD
 Sample : P2049-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 01:40:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:36:25 2024
 Response via : Initial Calibration

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

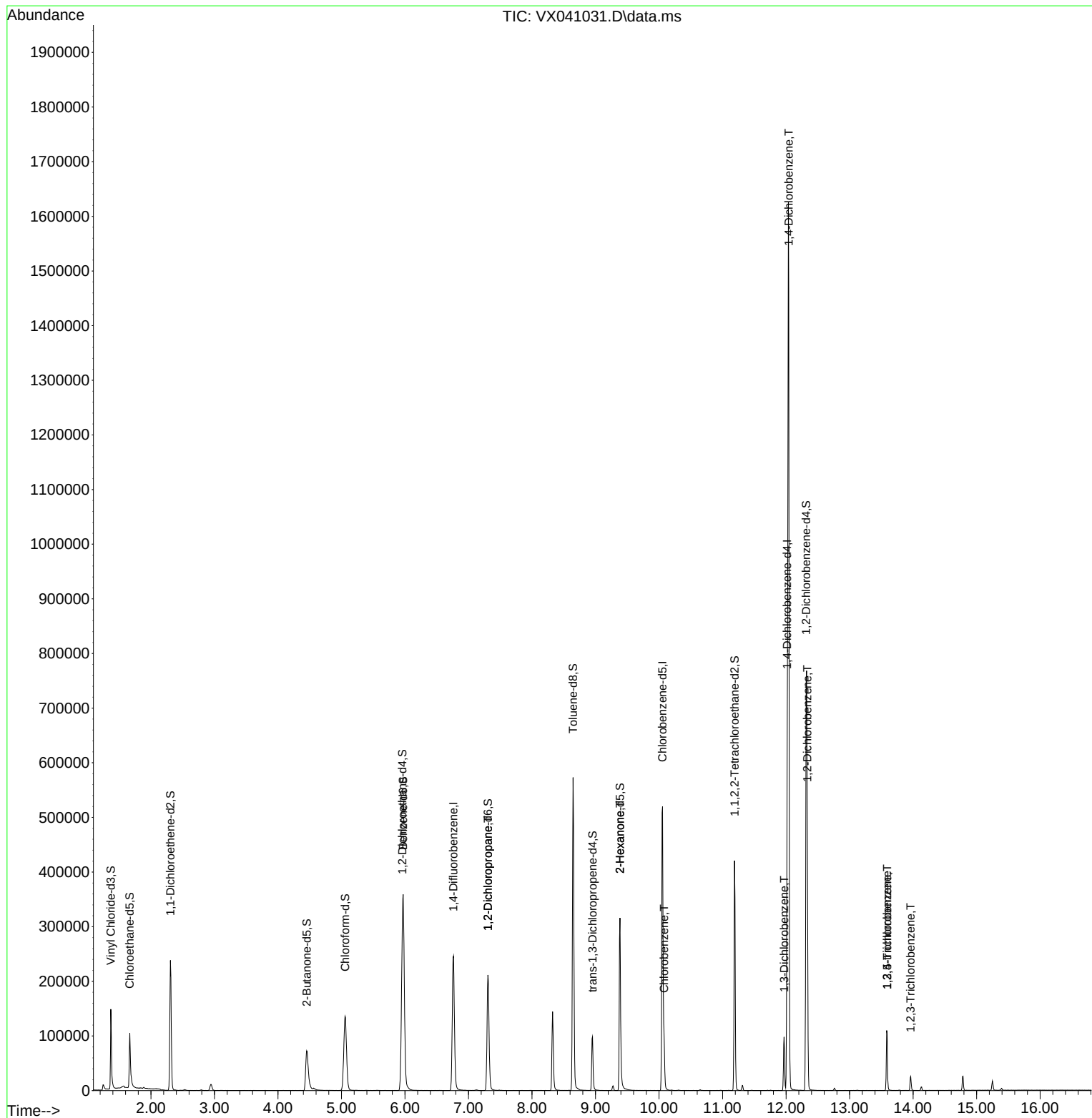
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	268750	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	260532	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	144947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102307	53.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.040%			
7) Chloroethane-d5	1.666	69	84523	54.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.440%			
11) 1,1-Dichloroethene-d2	2.307	65	41527	50.884	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.760%			
21) 2-Butanone-d5	4.452	46	127591	122.536	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.540%			
24) Chloroform-d	5.056	84	176895	49.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	5.958	65	116589	50.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.500%			
32) Benzene-d6	5.970	84	364668	51.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.120%			
36) 1,2-Dichloropropane-d6	7.306	67	106658	51.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.400%			
41) Toluene-d8	8.647	98	338467	48.982	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.960%			
43) trans-1,3-Dichloroprop...	8.952	79	49002	47.204	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.400%			
47) 2-Hexanone-d5	9.384	63	87898	101.064	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.060%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	155852	51.003	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.000%			
66) 1,2-Dichlorobenzene-d4	12.317	152	154292	53.065	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.120%			
Target Compounds						Qvalue
37) 1,2-Dichloropropane	7.306	63	12063	6.894	ug/L #	84
48) 2-Hexanone	9.384	43	11852	5.568	ug/L #	74
51) Chlorobenzene	10.079	112	38452	7.330	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	34233	7.699	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	523093	114.599	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	137171	31.802	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	30810	9.048	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	30810	9.548	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	7453	2.355	ug/L	97

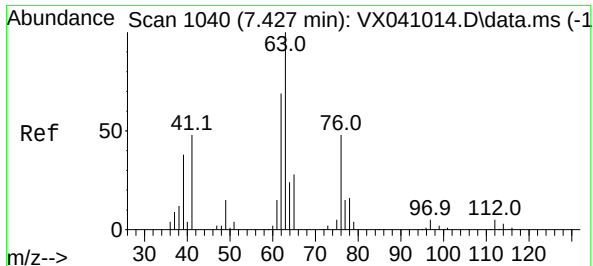
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:36:25 2024
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 6.894 ug/L

RT: 7.306 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX041031.D

Acq: 12 Apr 2024 15:34

Instrument :

MSVOA_X

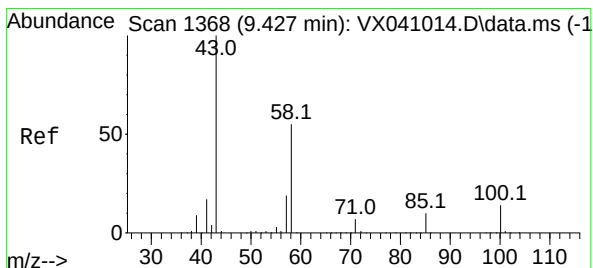
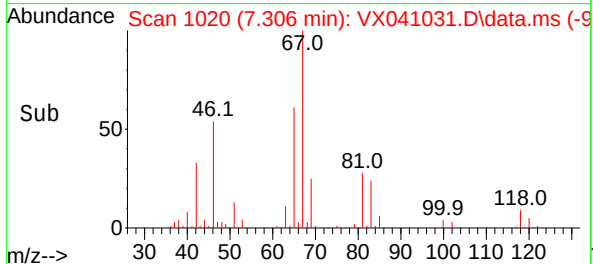
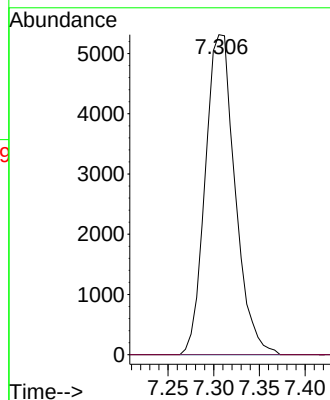
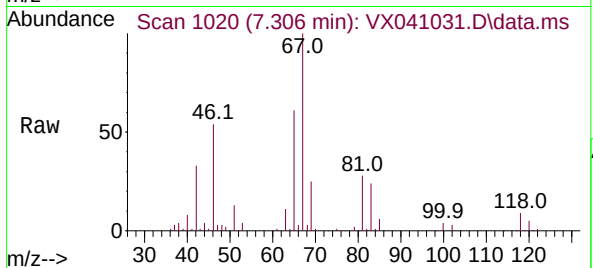
ClientSampleId :

Tgt Ion: 63 Resp: 12063

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#48

2-Hexanone

Concen: 5.568 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX041031.D

Acq: 12 Apr 2024 15:34

Tgt Ion: 43 Resp: 11852

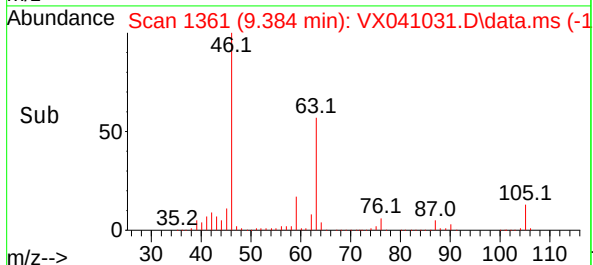
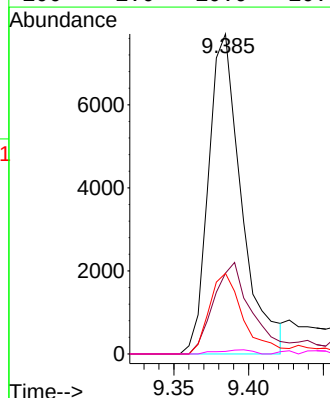
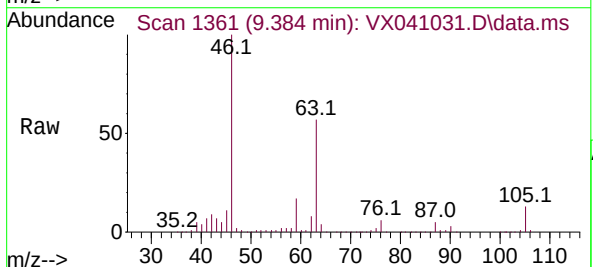
Ion Ratio Lower Upper

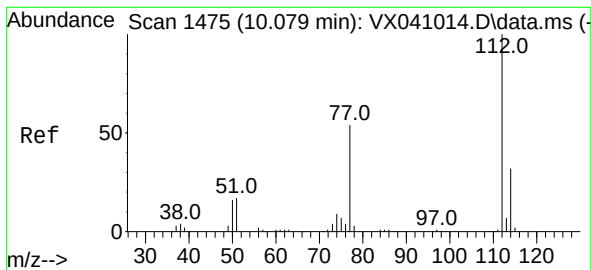
43 100

58 33.0 43.2 64.8#

57 26.0 15.4 23.2#

100 1.0 10.9 16.3#

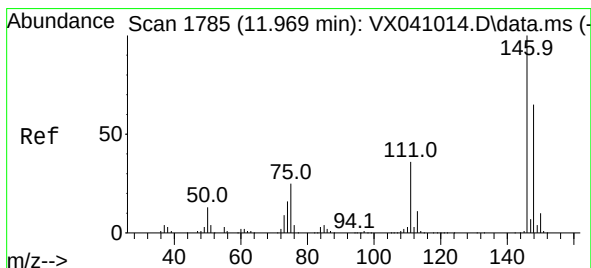
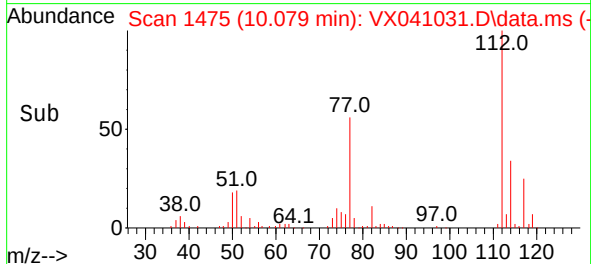
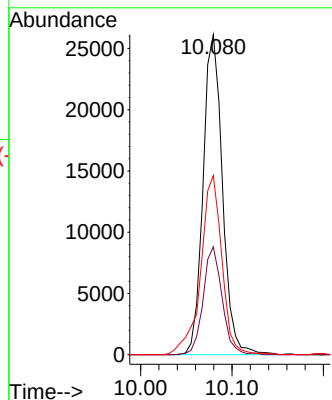
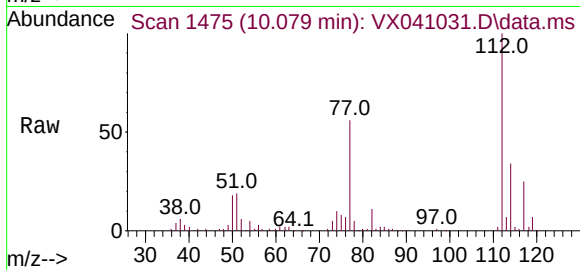




#51
Chlorobenzene
Concen: 7.330 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041031.D
Acq: 12 Apr 2024 15:34

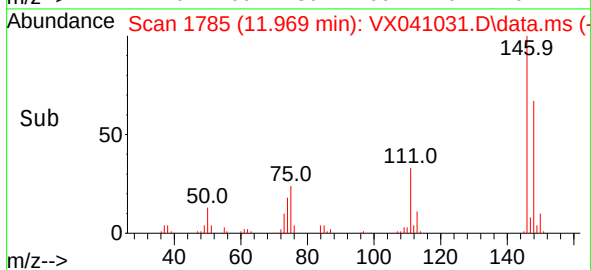
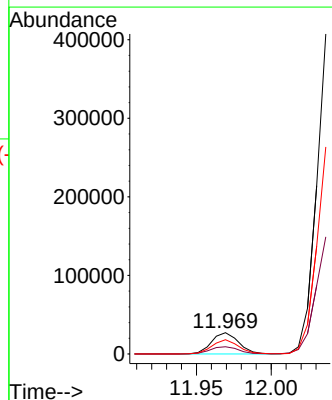
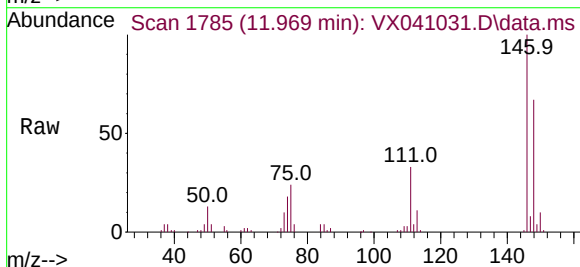
Instrument :
MSVOA_X
ClientSampleId :

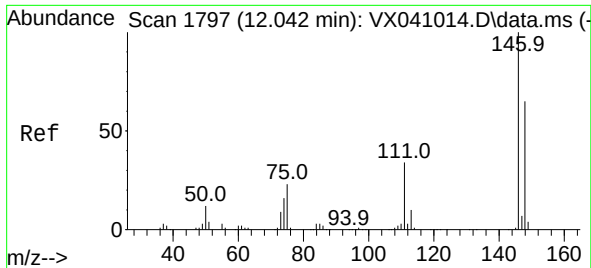
Tgt Ion:112 Resp: 38452
Ion Ratio Lower Upper
112 100
114 33.7 23.0 42.8
77 55.9 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 7.699 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041031.D
Acq: 12 Apr 2024 15:34

Tgt Ion:146 Resp: 34233
Ion Ratio Lower Upper
146 100
111 33.5 25.3 47.1
148 66.8 44.7 82.9

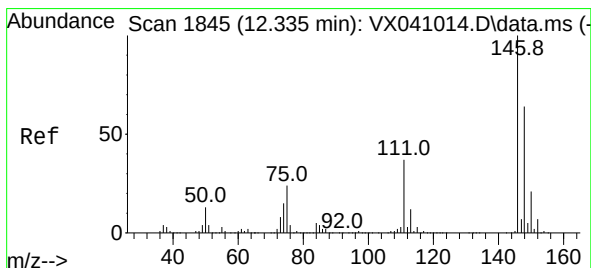
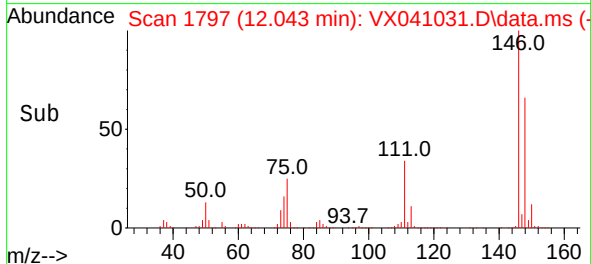
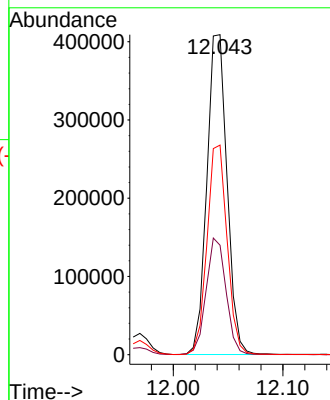
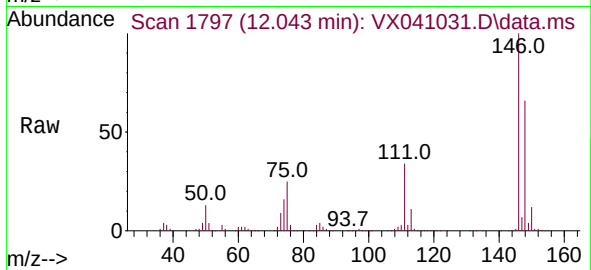




#65
1,4-Dichlorobenzene
Concen: 114.599 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041031.D
Acq: 12 Apr 2024 15:34

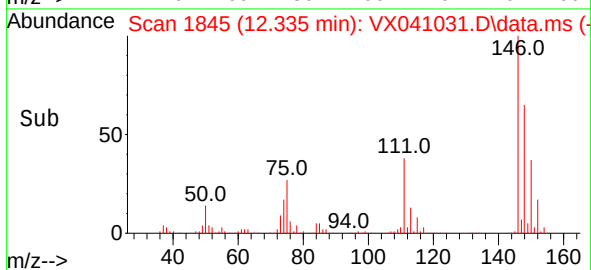
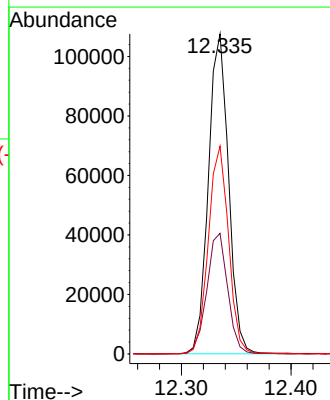
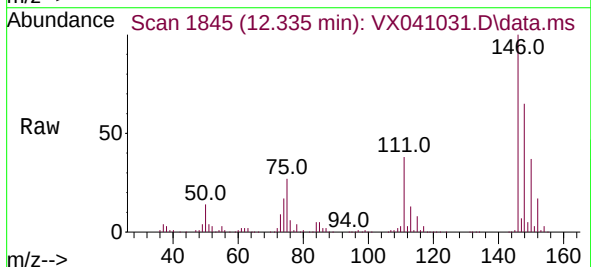
Instrument :
MSVOA_X
ClientSampleId :

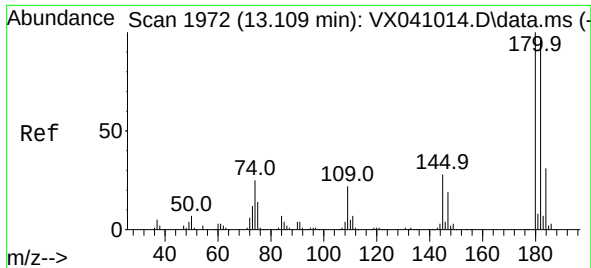
Tgt Ion:146 Resp: 523093
Ion Ratio Lower Upper
146 100
111 34.2 23.4 43.6
148 65.5 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 31.802 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041031.D
Acq: 12 Apr 2024 15:34

Tgt Ion:146 Resp: 137171
Ion Ratio Lower Upper
146 100
111 37.7 31.8 47.8
148 64.9 53.2 79.8





#69

1,3,5-Trichlorobenzene

Concen: 9.048 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

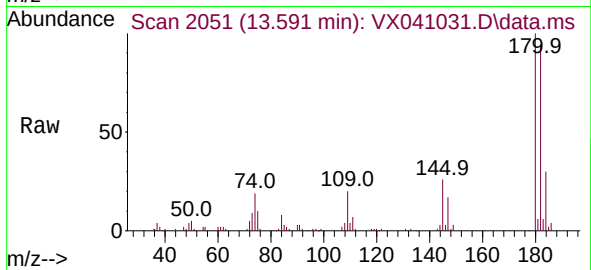
Lab File: VX041031.D

Acq: 12 Apr 2024 15:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 30810

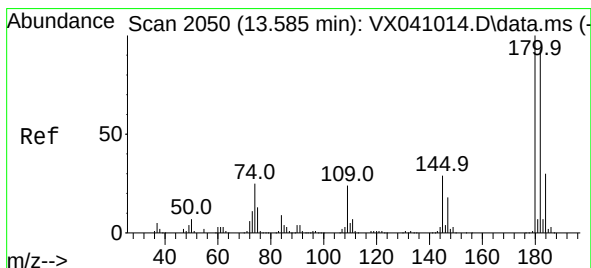
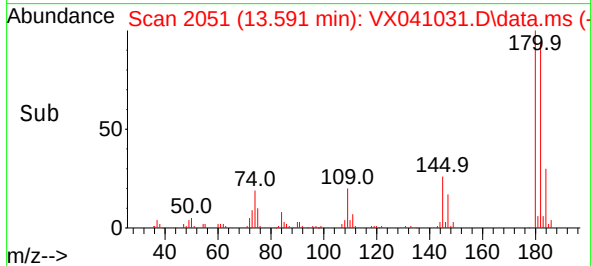
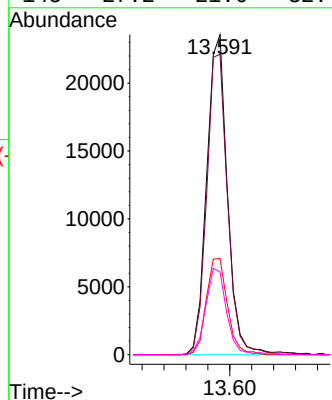
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

184 30.7 24.4 36.6

145 27.2 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 9.548 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041031.D

Acq: 12 Apr 2024 15:34

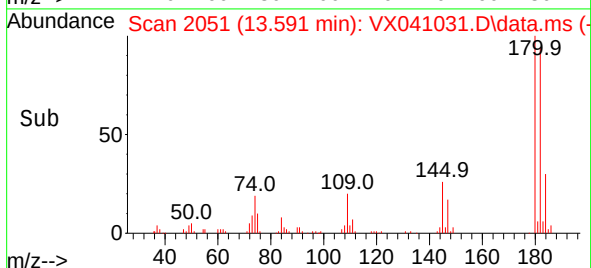
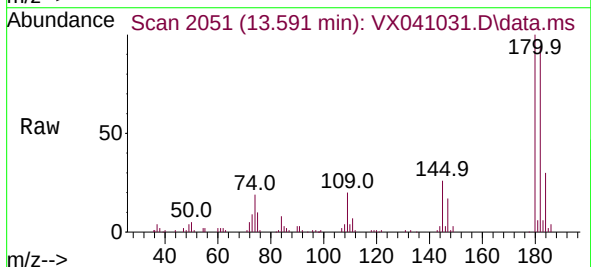
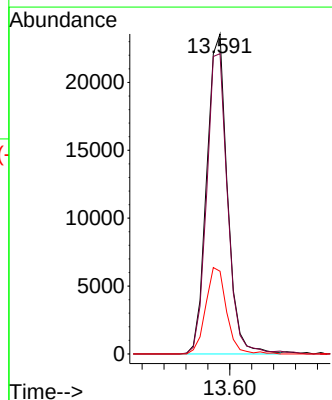
Tgt Ion:180 Resp: 30810

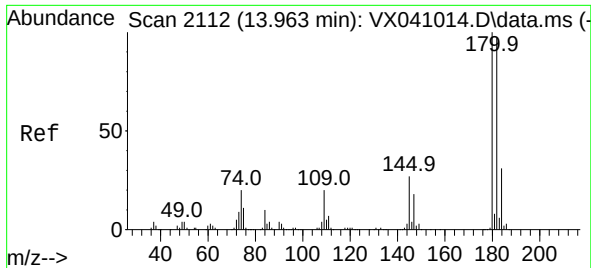
Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

145 27.2 22.3 33.5





#72

1,2,3-Trichlorobenzene

Concen: 2.355 ug/L

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

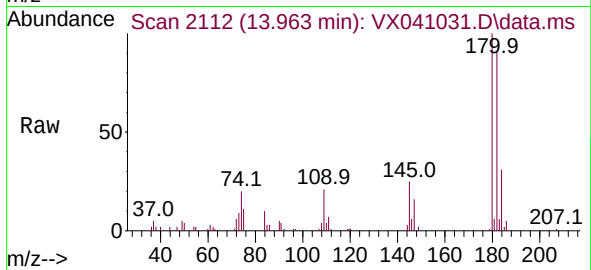
Lab File: VX041031.D

Acq: 12 Apr 2024 15:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 7453

Ion Ratio Lower Upper

180 100

182 92.8 77.0 115.6

145 28.9 23.4 35.2

