

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041029.D
 Acq On : 12 Apr 2024 14:48
 Operator : JC/MD
 Sample : P2049-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 01:39:59 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)

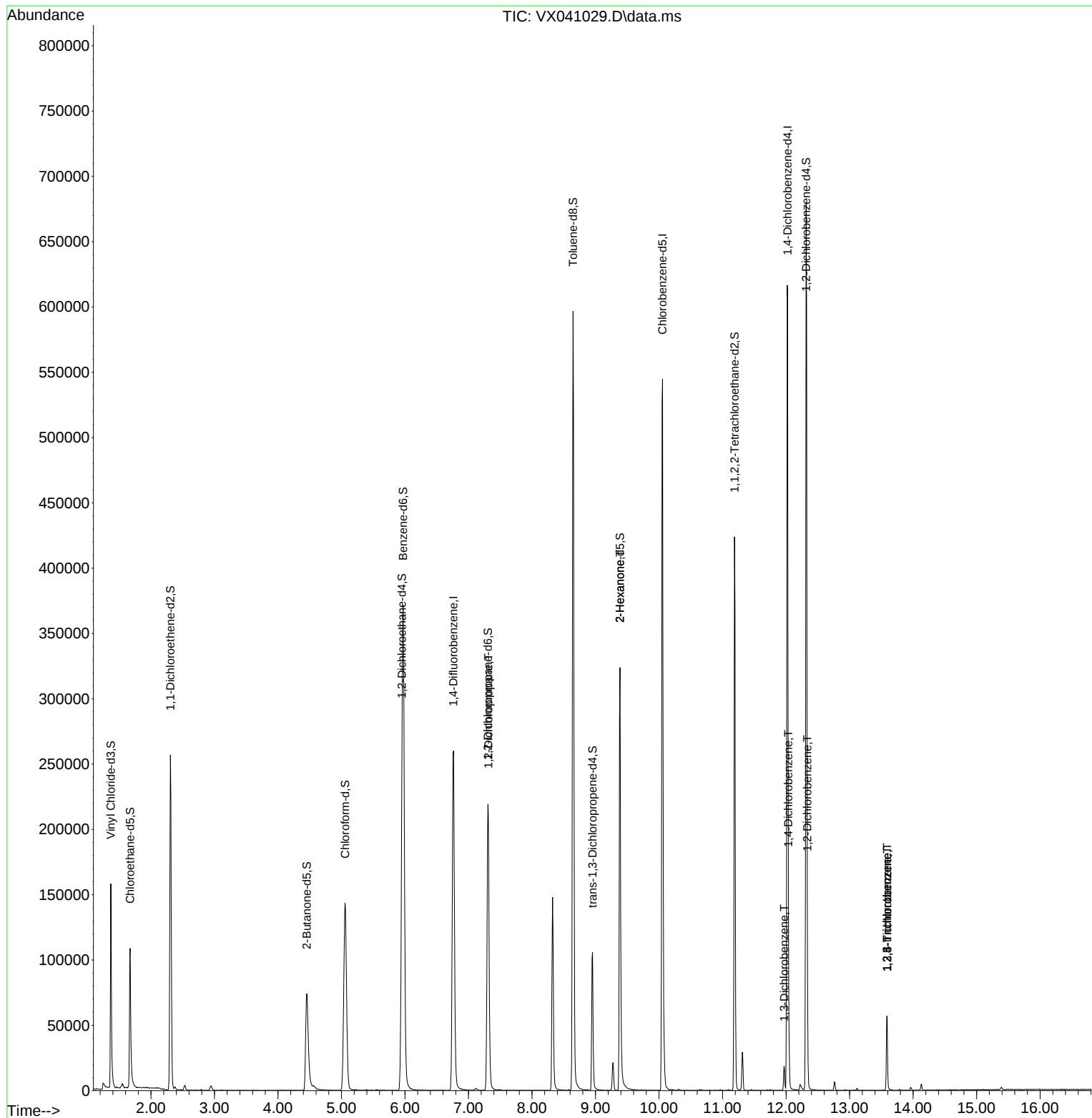
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	282553	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	269064	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	143329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	109040	54.257	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.520%			
7) Chloroethane-d5	1.672	69	87528	53.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.800%			
11) 1,1-Dichloroethene-d2	2.306	65	44718	52.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.240%			
21) 2-Butanone-d5	4.452	46	129860	118.623	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.620%			
24) Chloroform-d	5.056	84	185481	49.463	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.920%			
26) 1,2-Dichloroethane-d4	5.952	65	122744	50.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.640%			
32) Benzene-d6	5.970	84	382273	52.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.660%			
36) 1,2-Dichloropropane-d6	7.306	67	109955	51.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.220%			
41) Toluene-d8	8.647	98	362983	50.864	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.720%			
43) trans-1,3-Dichloroprop...	8.952	79	51919	48.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.860%			
47) 2-Hexanone-d5	9.384	63	89711	99.878	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.880%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157112	49.785	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.580%			
66) 1,2-Dichlorobenzene-d4	12.317	152	150158	52.226	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.460%			
Target Compounds						Qvalue
37) 1,2-Dichloropropane	7.312	63	12533	6.936	ug/L #	84
48) 2-Hexanone	9.384	43	11804	5.369	ug/L #	77
64) 1,3-Dichlorobenzene	11.969	146	6593	1.500	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	19330	4.283	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	16184	3.794	ug/L	96
69) 1,3,5-Trichlorobenzene	13.591	180	16688	4.956	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	16688	5.230	ug/L	97
72) 1,2,3-Trichlorobenzene	13.591	180	15280	4.883	ug/L	97

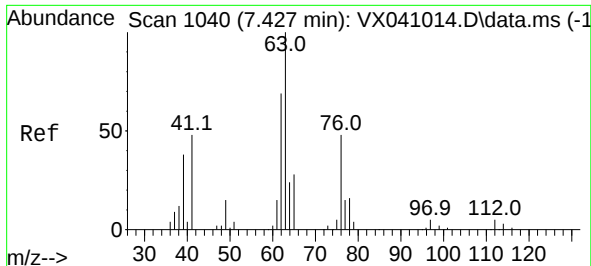
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.936 ug/L

RT: 7.312 min Scan# 1

Delta R.T. -0.116 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

Instrument :

MSVOA_X

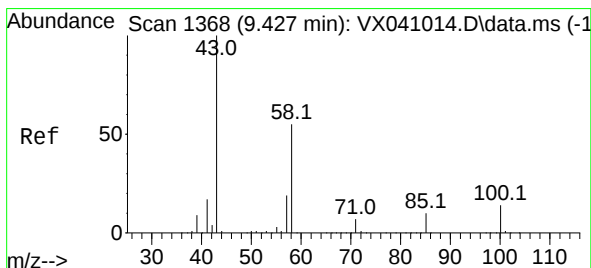
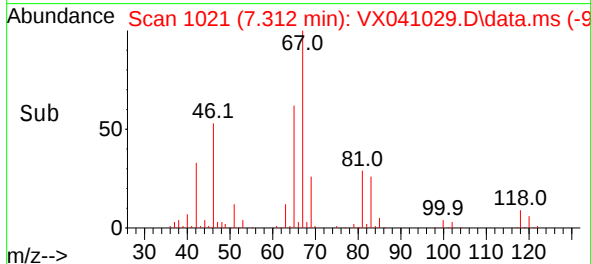
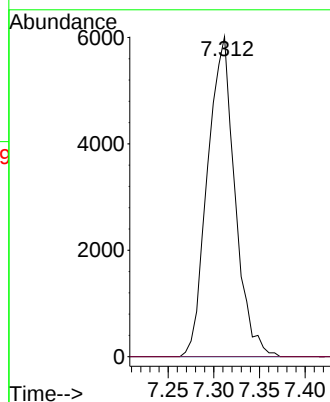
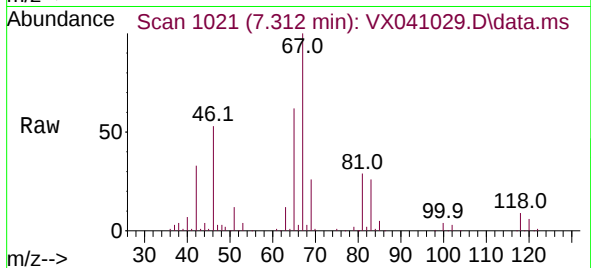
ClientSampleId :

Tgt Ion: 63 Resp: 12533

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#48

2-Hexanone

Concen: 5.369 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

Tgt Ion: 43 Resp: 11804

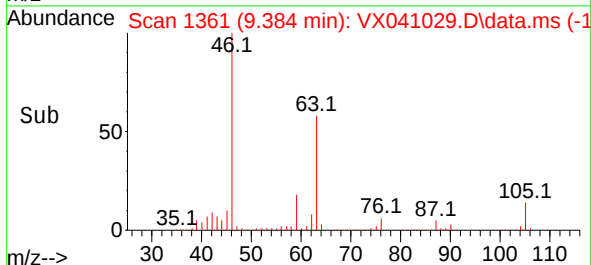
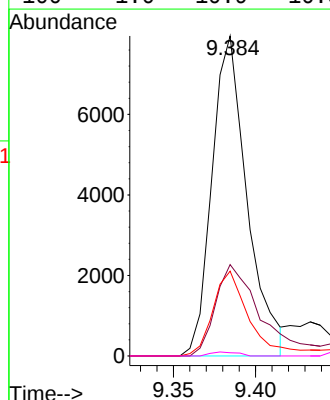
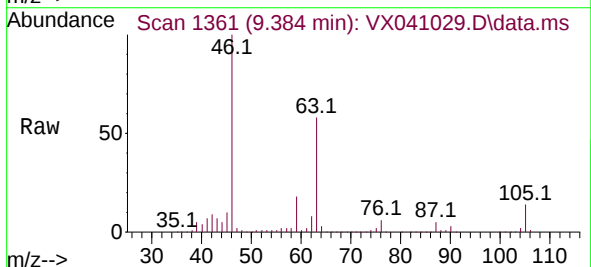
Ion Ratio Lower Upper

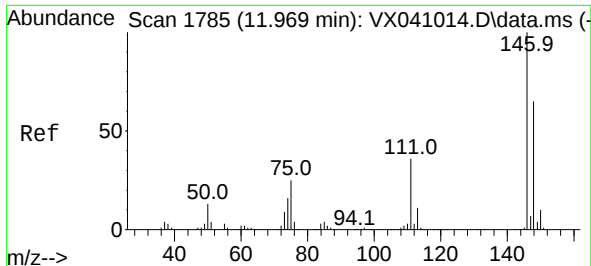
43 100

58 37.0 43.2 64.8#

57 27.0 15.4 23.2#

100 1.0 10.9 16.3#





#64

1,3-Dichlorobenzene

Concen: 1.500 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

Instrument :

MSVOA_X

ClientSampleId :

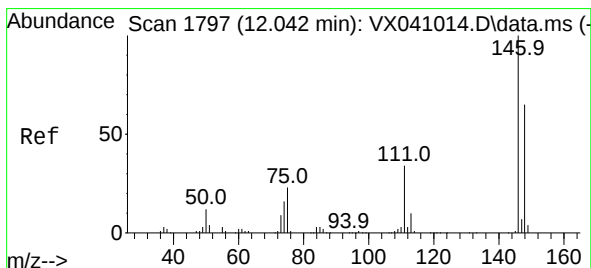
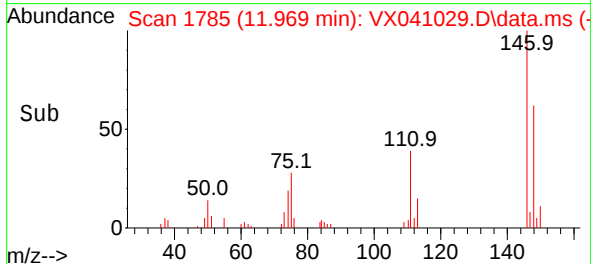
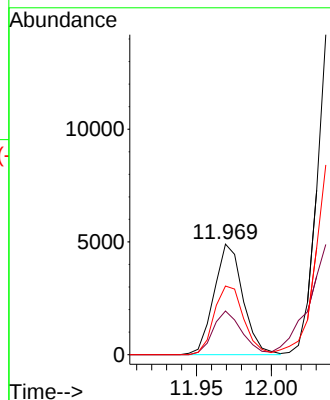
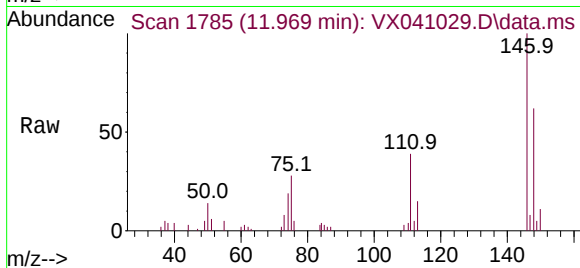
Tgt Ion:146 Resp: 6593

Ion Ratio Lower Upper

146 100

111 39.5 25.3 47.1

148 62.0 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 4.283 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

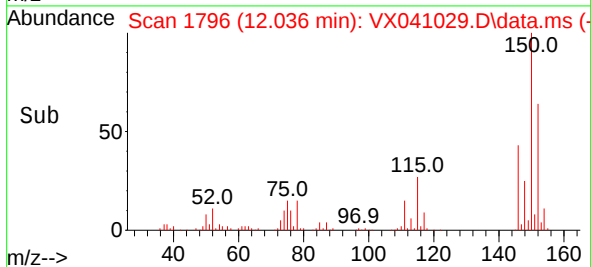
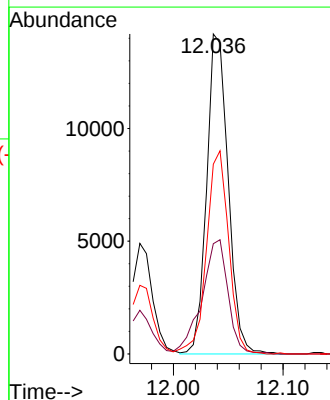
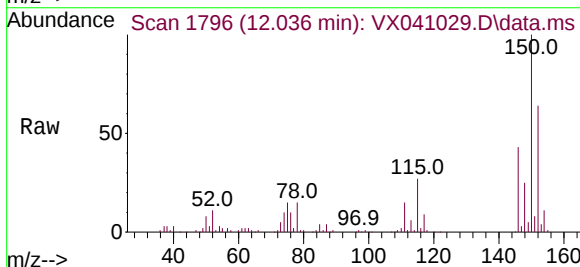
Tgt Ion:146 Resp: 19330

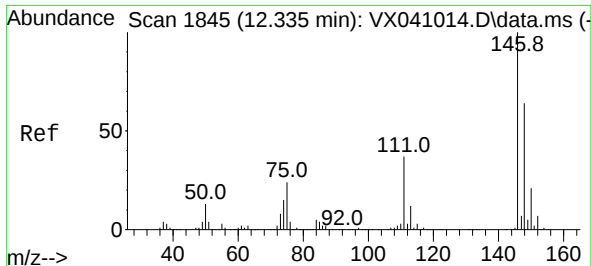
Ion Ratio Lower Upper

146 100

111 34.4 23.4 43.6

148 59.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 3.794 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

Instrument :

MSVOA_X

ClientSampleId :

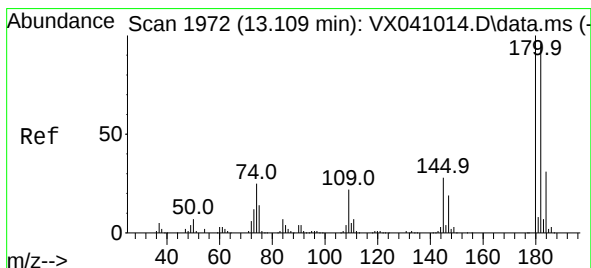
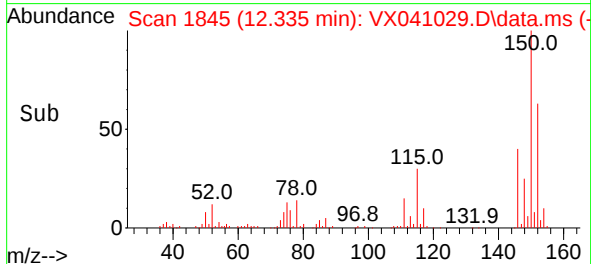
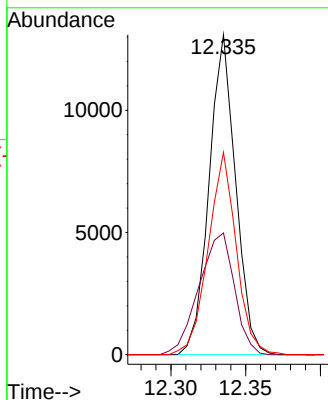
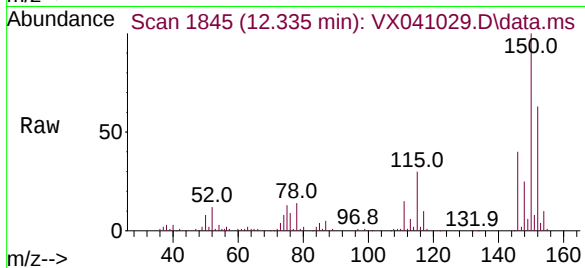
Tgt Ion:146 Resp: 16184

Ion Ratio Lower Upper

146 100

111 38.1 31.8 47.8

148 63.3 53.2 79.8



#69

1,3,5-Trichlorobenzene

Concen: 4.956 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

Tgt Ion:180 Resp: 16688

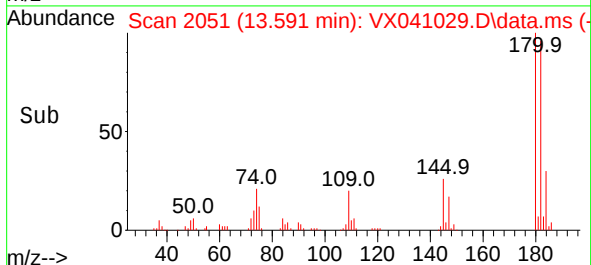
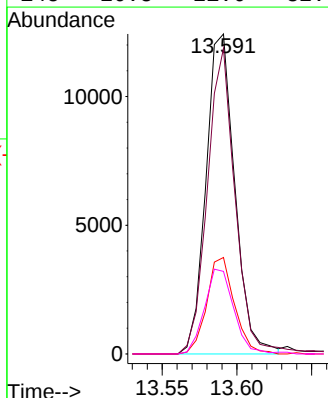
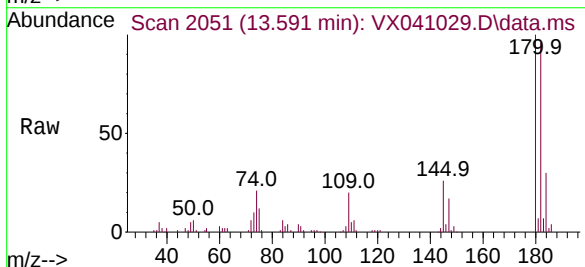
Ion Ratio Lower Upper

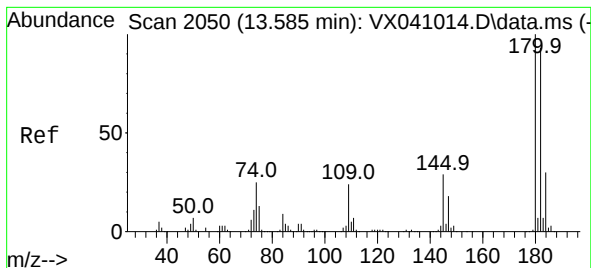
180 100

182 92.7 75.8 113.6

184 29.0 24.4 36.6

145 26.8 21.6 32.4





#70

1,2,4-trichlorobenzene

Concen: 5.230 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

Instrument :

MSVOA_X

ClientSampleId :

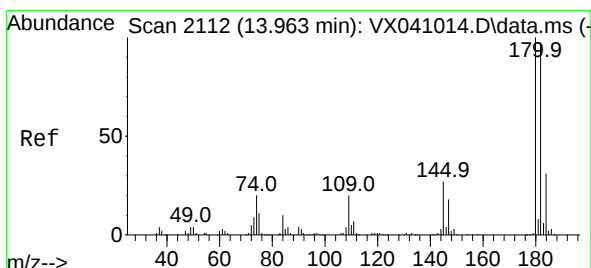
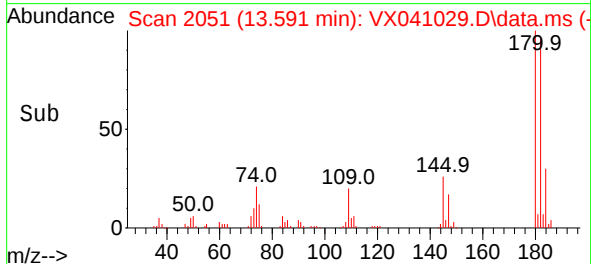
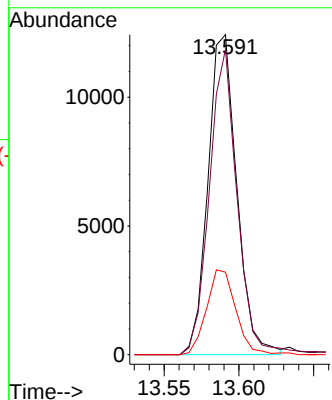
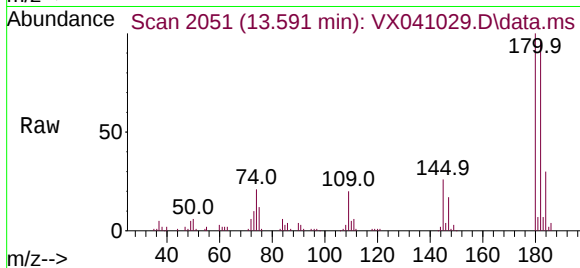
Tgt Ion:180 Resp: 16688

Ion Ratio Lower Upper

180 100

182 92.7 76.8 115.2

145 26.8 22.3 33.5



#72

1,2,3-Trichlorobenzene

Concen: 4.883 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.372 min

Lab File: VX041029.D

Acq: 12 Apr 2024 14:48

Tgt Ion:180 Resp: 15280

Ion Ratio Lower Upper

180 100

182 93.5 77.0 115.6

145 26.4 23.4 35.2

