

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035149.D
 Acq On : 19 Apr 2023 01:43
 Operator : JC/MD
 Sample : 02397-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM5

Quant Time: Apr 19 02:20:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

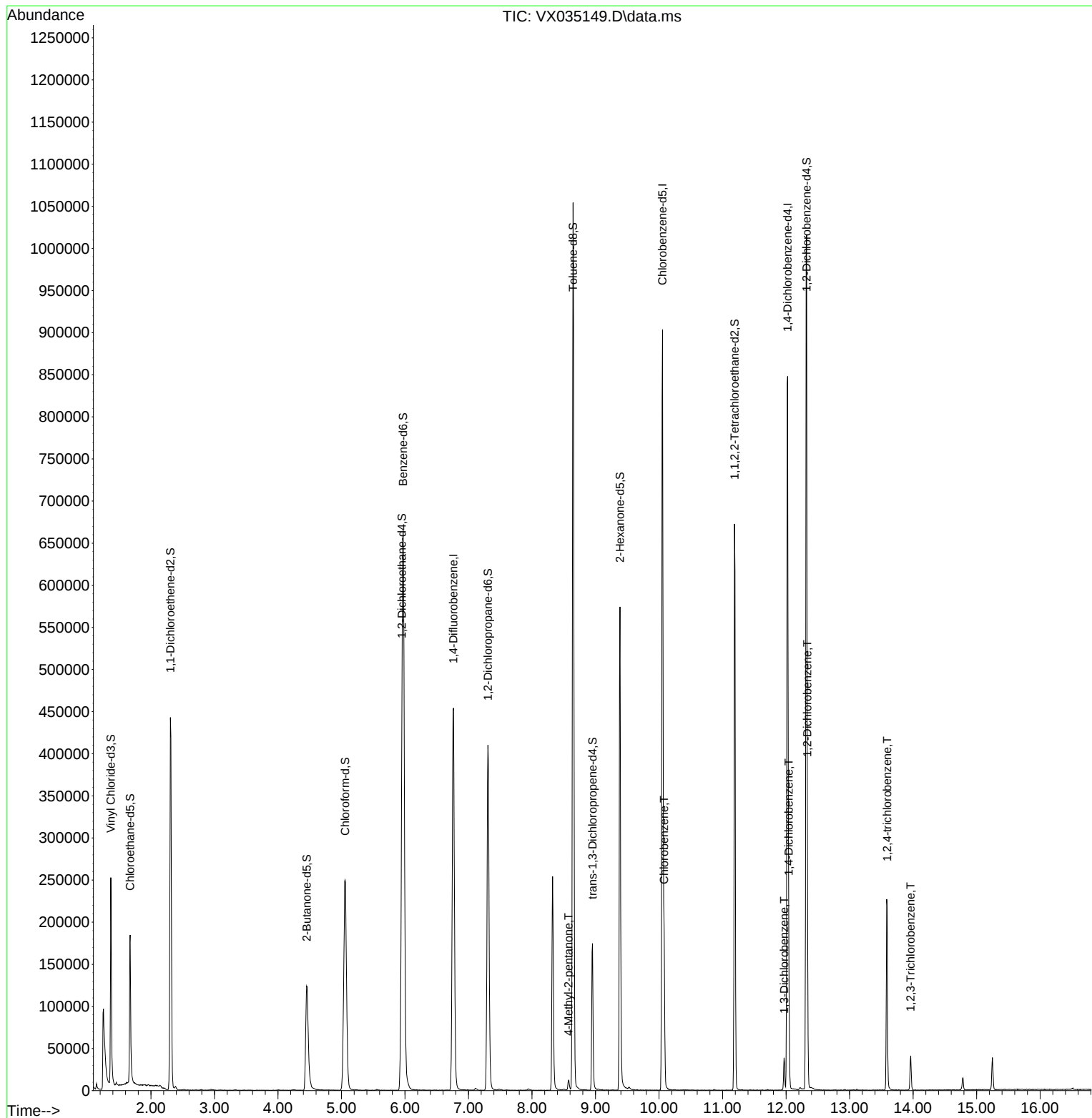
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	476444	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	411919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	184657	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	165640	53.918	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 107.840%		
7) Chloroethane-d5	1.672	69	129208	58.205	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 116.420%		
11) 1,1-Dichloroethene-d2	2.306	65	80168	54.538	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 109.080%		
21) 2-Butanone-d5	4.452	46	229550	112.126	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 112.130%		
24) Chloroform-d	5.056	84	319039	55.145	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 110.300%		
26) 1,2-Dichloroethane-d4	5.952	65	213411	57.442	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 114.880%		
32) Benzene-d6	5.970	84	689226	58.247	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 116.500%		
36) 1,2-Dichloropropane-d6	7.306	67	214009	59.208	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 118.420%		
41) Toluene-d8	8.647	98	619119	57.250	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 114.500%		
43) trans-1,3-Dichloroprop...	8.952	79	83145	52.637	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 105.280%		
47) 2-Hexanone-d5	9.384	63	167062	115.097	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 115.100%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252447	57.030	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 114.060%		
66) 1,2-Dichlorobenzene-d4	12.323	152	209594	58.571	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 117.140%		
Target Compounds						
						Qvalue
40) 4-Methyl-2-pentanone	8.574	43	7884	1.821	ug/L	99
51) Chlorobenzene	10.079	112	75996	8.913	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	13155	2.297	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	49882	8.513	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	54475	9.382	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	56684	17.099	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	9892	3.023	ug/L	95

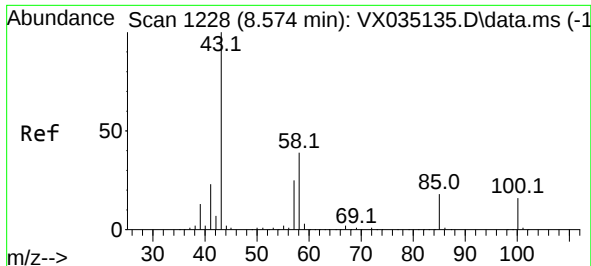
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 02:20:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration





#40

4-Methyl-2-pentanone

Concen: 1.821 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX035149.D

Acq: 19 Apr 2023 01:43

Instrument :

MSVOA_X

ClientSampleId :

COMM5

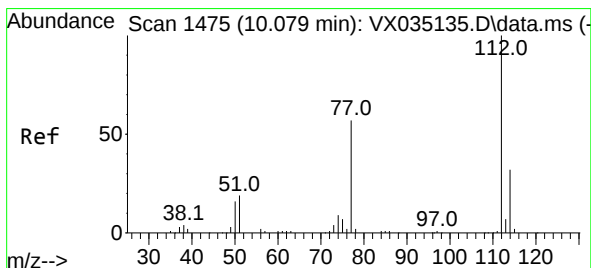
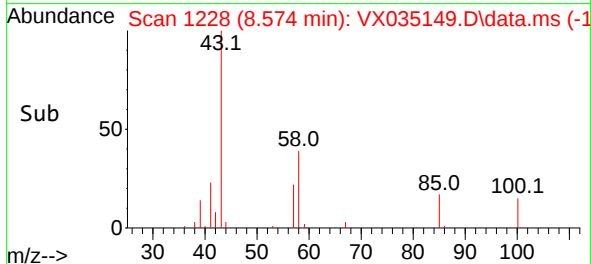
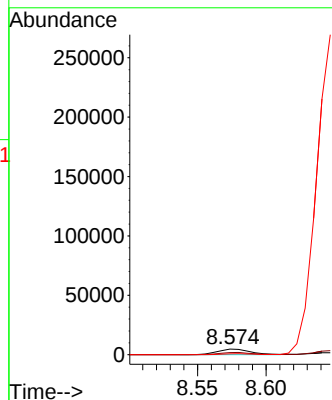
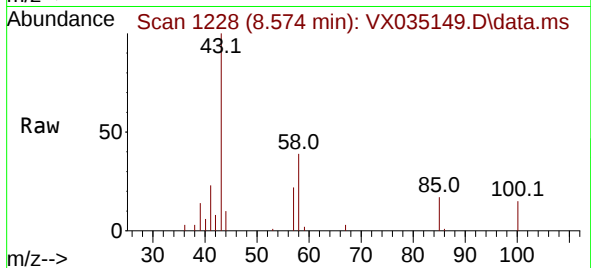
Tgt Ion: 43 Resp: 7884

Ion Ratio Lower Upper

43 100

58 40.0 31.5 47.3

100 17.0 12.8 19.2



#51

Chlorobenzene

Concen: 8.913 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035149.D

Acq: 19 Apr 2023 01:43

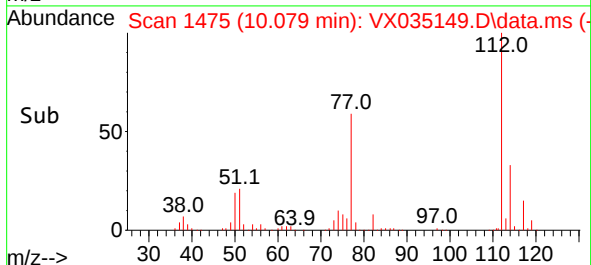
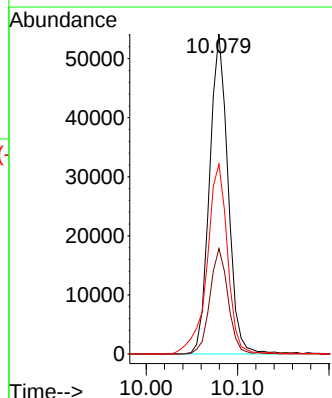
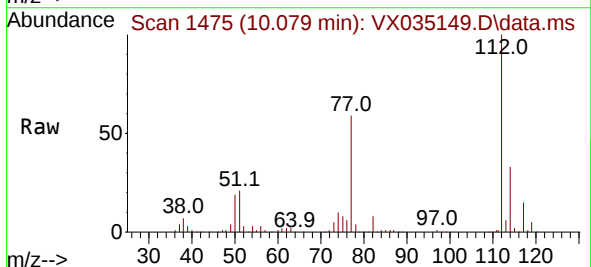
Tgt Ion: 112 Resp: 75996

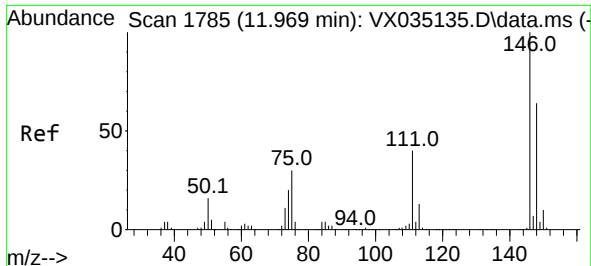
Ion Ratio Lower Upper

112 100

114 33.0 22.4 41.6

77 59.3 47.0 70.6

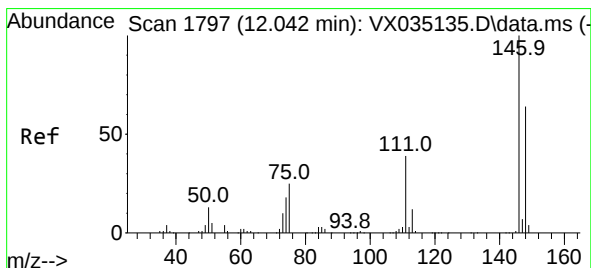
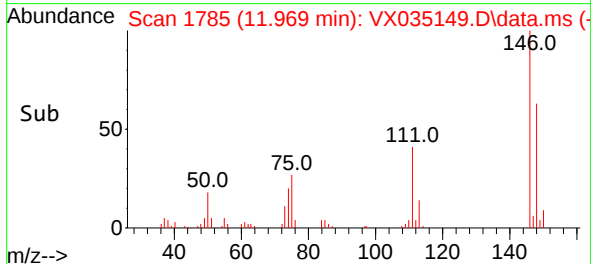
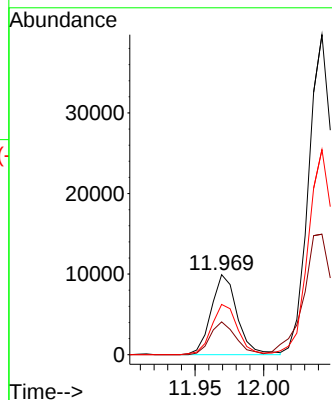
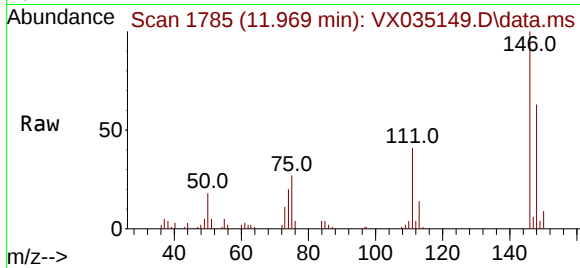




#64
1,3-Dichlorobenzene
Concen: 2.297 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035149.D
Acq: 19 Apr 2023 01:43

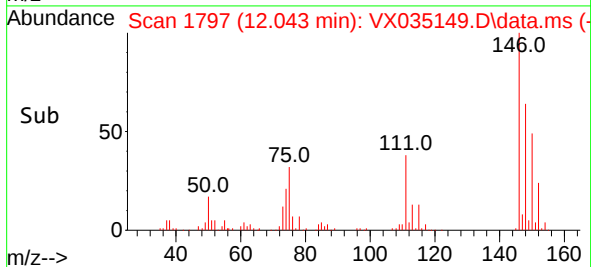
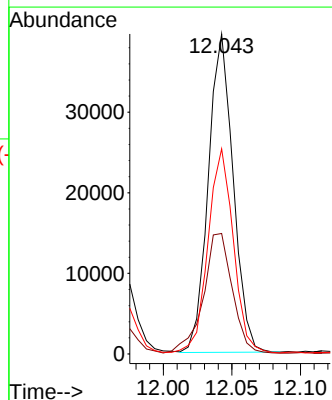
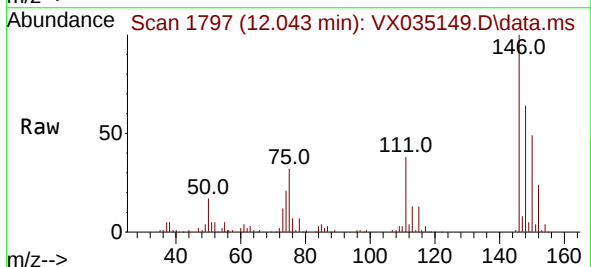
Instrument :
MSVOA_X
ClientSampleId :
COMM5

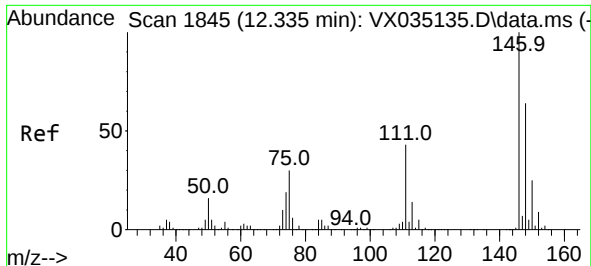
Tgt Ion:146 Resp: 13155
Ion Ratio Lower Upper
146 100
111 41.0 28.9 53.7
148 62.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 8.513 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035149.D
Acq: 19 Apr 2023 01:43

Tgt Ion:146 Resp: 49882
Ion Ratio Lower Upper
146 100
111 37.6 27.9 51.7
148 64.1 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 9.382 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035149.D

Acq: 19 Apr 2023 01:43

Instrument :

MSVOA_X

ClientSampleId :

COMM5

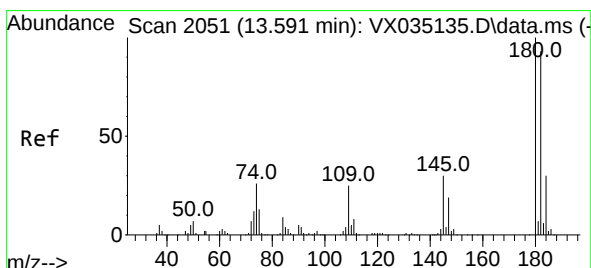
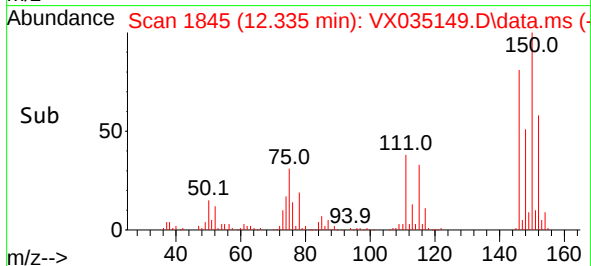
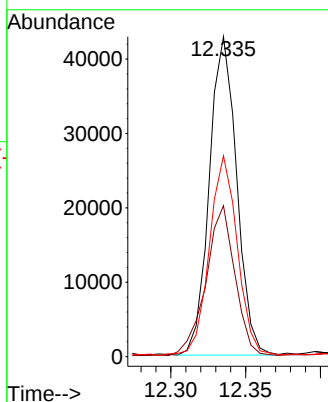
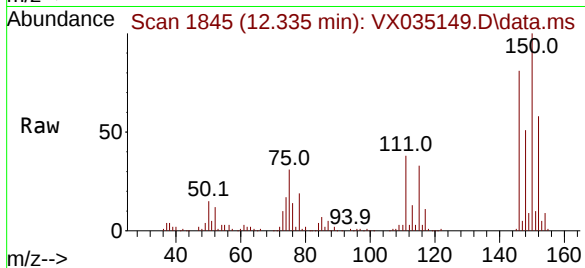
Tgt Ion:146 Resp: 54475

Ion Ratio Lower Upper

146 100

111 47.2 34.7 52.1

148 62.8 52.1 78.1



#70

1,2,4-trichlorobenzene

Concen: 17.099 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX035149.D

Acq: 19 Apr 2023 01:43

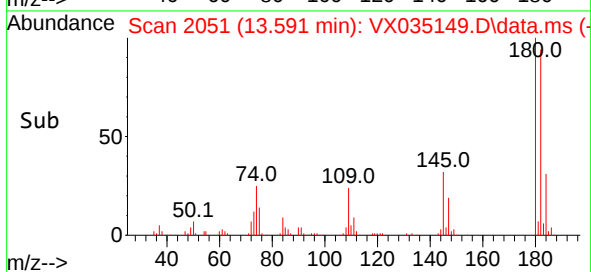
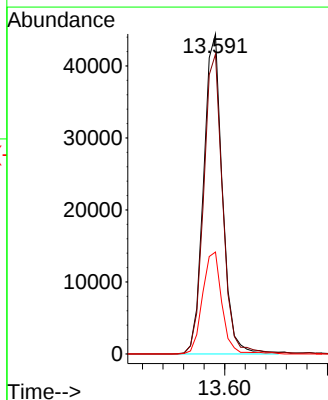
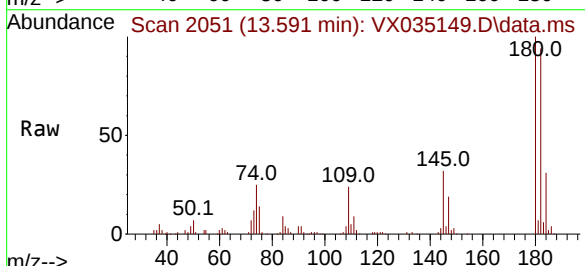
Tgt Ion:180 Resp: 56684

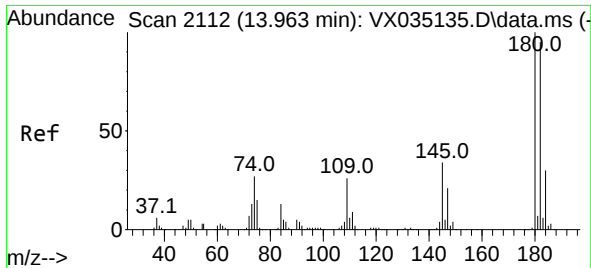
Ion Ratio Lower Upper

180 100

182 94.4 76.6 114.8

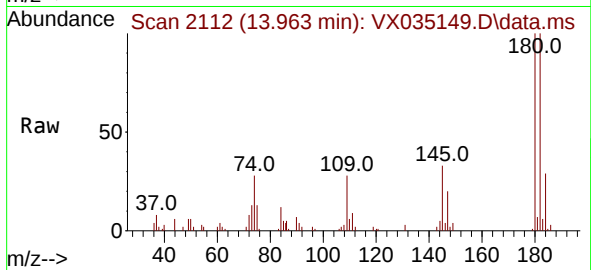
145 32.2 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 3.023 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035149.D
 Acq: 19 Apr 2023 01:43

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM5



Tgt Ion:	180	Resp:	9892
Ion	Ratio	Lower	Upper
180	100		
182	100.5	75.0	112.6
145	33.4	27.1	40.7

