

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048119.D
 Acq On : 18 Apr 2022 14:30
 Operator : SY/MD
 Sample : N2419-04DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J47DL

Quant Time: Apr 19 03:39:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

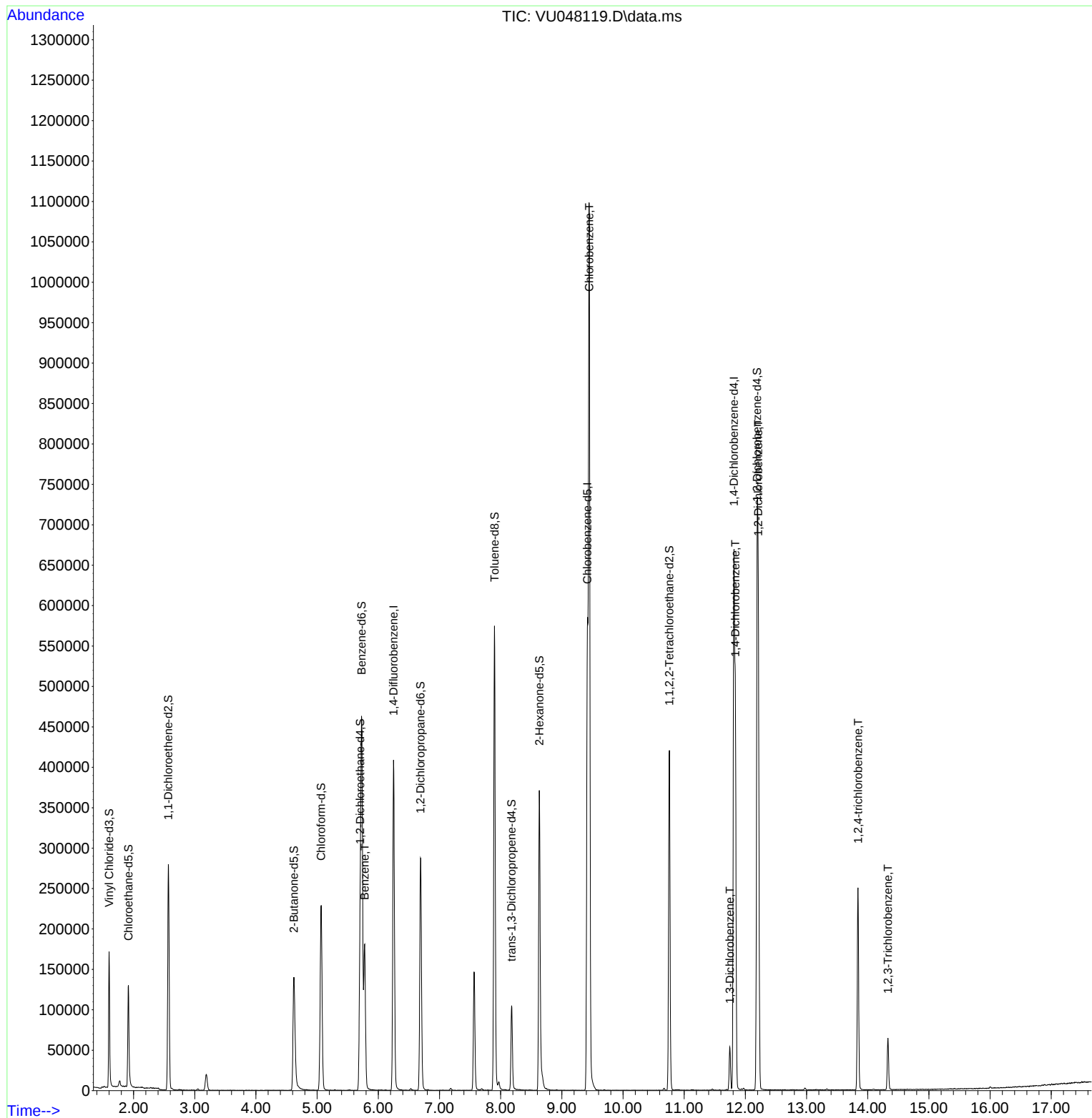
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	344678	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182184	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	127126	50.861	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 101.720%		
7) Chloroethane-d5	1.916	69	104030	52.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 105.560%		
11) 1,1-Dichloroethene-d2	2.568	63	162178	35.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 70.920%		
21) 2-Butanone-d5	4.620	46	188850	88.027	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 88.030%		
24) Chloroform-d	5.067	84	218323	47.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 95.480%		
26) 1,2-Dichloroethane-d4	5.703	65	135330	48.247	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 96.500%		
32) Benzene-d6	5.729	84	446199	54.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 109.380%		
36) 1,2-Dichloropropane-d6	6.690	67	144381	57.619	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 115.240%		
41) Toluene-d8	7.899	98	389021	48.937	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 97.880%		
43) trans-1,3-Dichloroprop...	8.179	79	58948	46.435	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 92.880%		
47) 2-Hexanone-d5	8.633	63	125781	85.747	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 85.750%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206669	48.059	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 96.120%		
66) 1,2-Dichlorobenzene-d4	12.192	152	170315	52.546	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 105.100%		
Target Compounds						
						Qvalue
33) Benzene	5.777	78	176080	18.760	ug/L	100
51) Chlorobenzene	9.446	112	612779	87.634	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	23117	4.224	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	195192	34.434	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	211333	38.593	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	84213	21.632	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	21936	5.621	ug/L	98

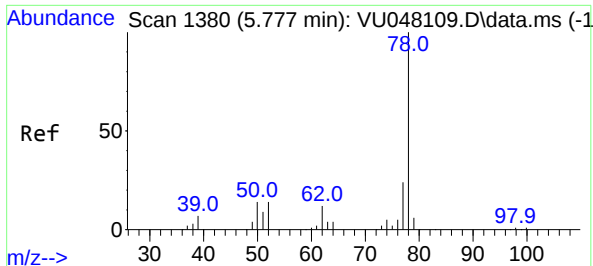
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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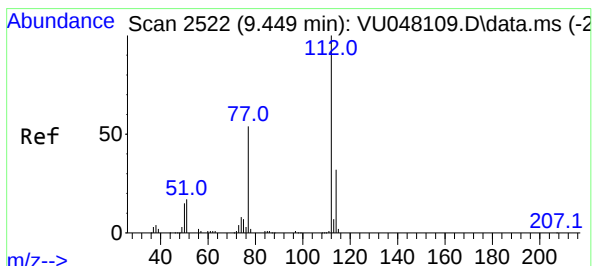
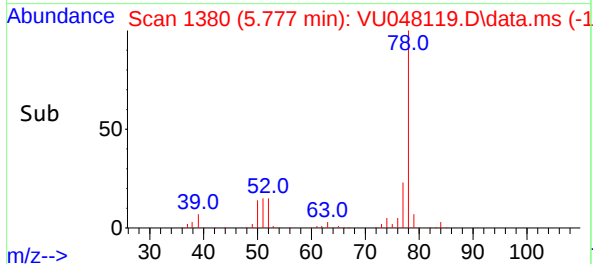
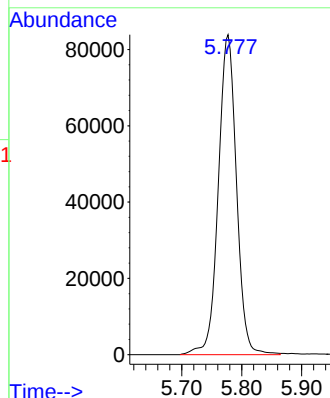
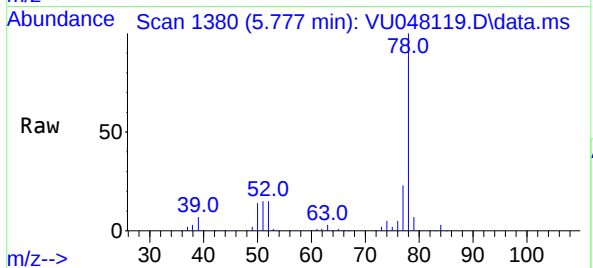




#33
Benzene
Concen: 18.760 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

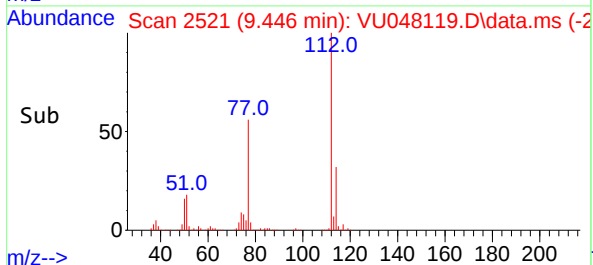
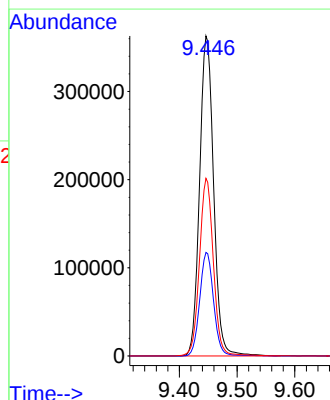
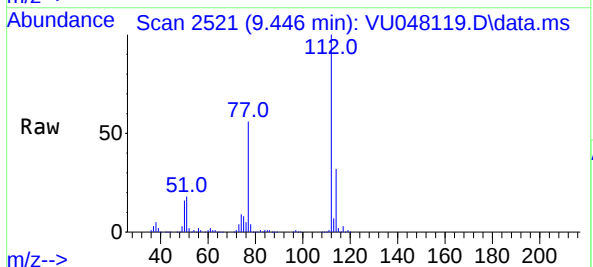
Instrument :
MSVOA_U
ClientSampleId :
C0J47DL

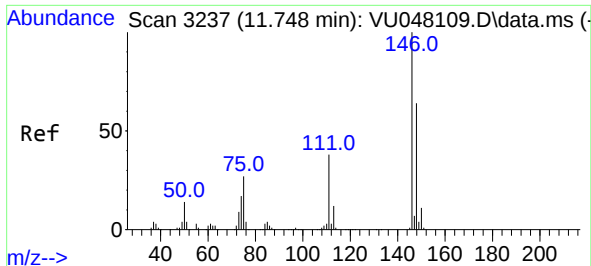
Tgt Ion: 78 Resp: 176080



#51
Chlorobenzene
Concen: 87.634 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

Tgt Ion: 112 Resp: 612779
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 55.5 43.4 65.0

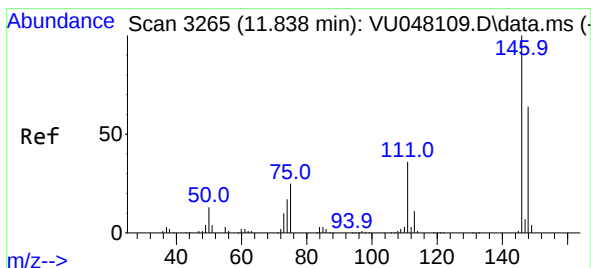
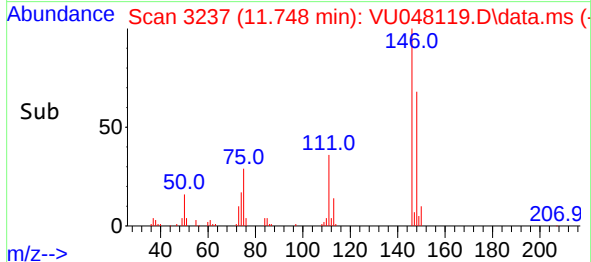
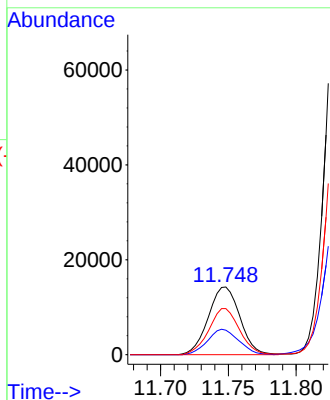
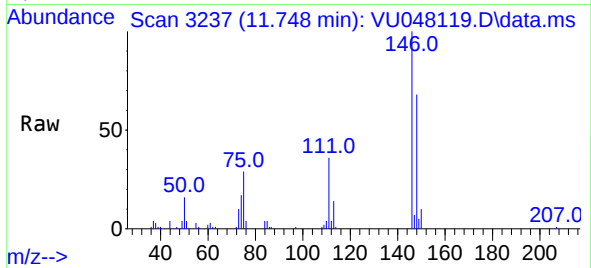




#64
1,3-Dichlorobenzene
Concen: 4.224 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

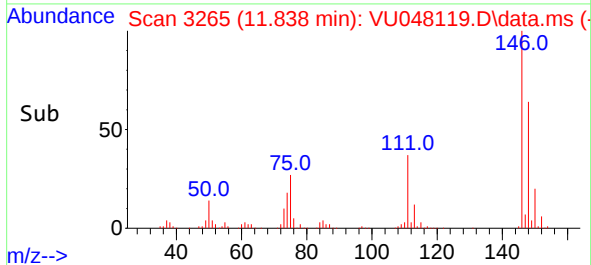
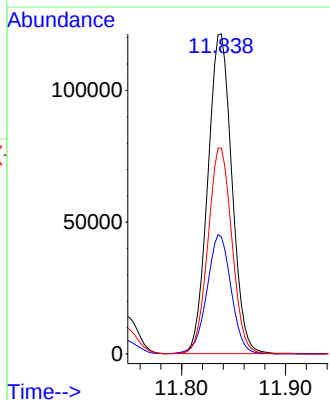
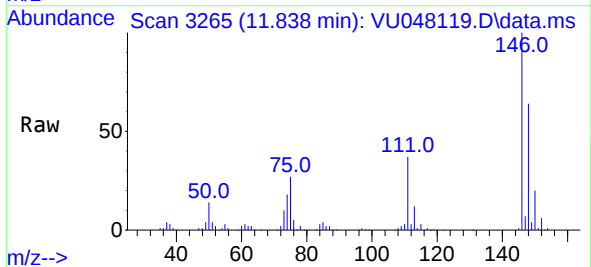
Instrument :
MSVOA_U
ClientSampleId :
C0J47DL

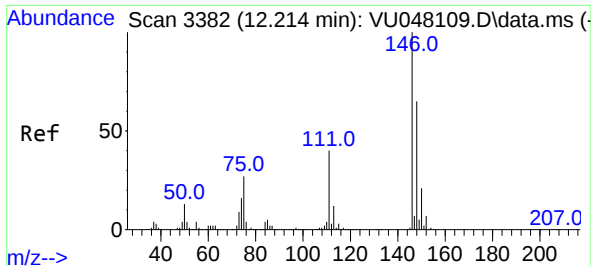
Tgt Ion:	146	Resp:	23117
Ion	Ratio	Lower	Upper
146	100		
111	36.2	26.7	49.7
148	68.1	44.4	82.5



#65
1,4-Dichlorobenzene
Concen: 34.434 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048119.D
Acq: 18 Apr 2022 14:30

Tgt Ion:	146	Resp:	195192
Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.3	47.1
148	64.3	44.5	82.7





#67

1,2-Dichlorobenzene

Concen: 38.593 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048119.D

Acq: 18 Apr 2022 14:30

Instrument :

MSVOA_U

ClientSampleId :

C0J47DL

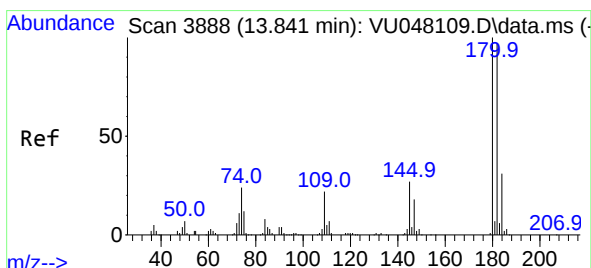
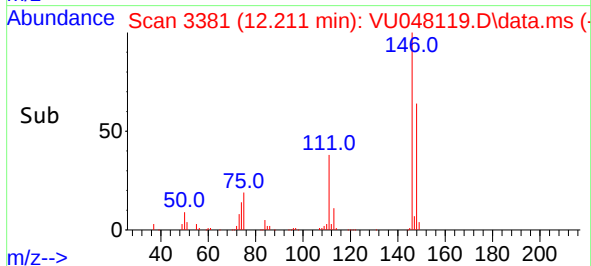
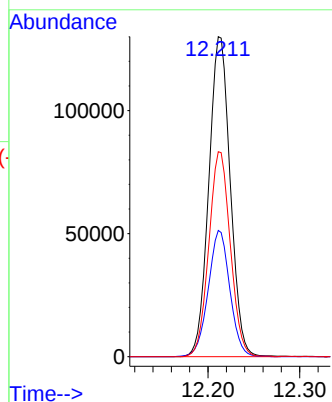
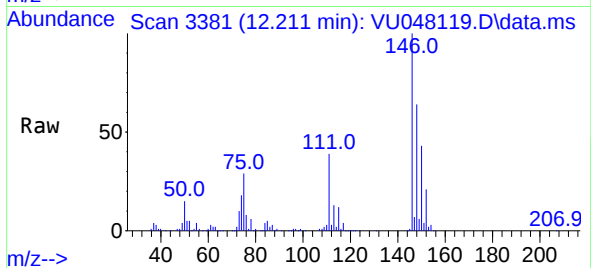
Tgt Ion:146 Resp: 211333

Ion Ratio Lower Upper

146 100

111 39.4 31.7 47.5

148 64.1 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 21.632 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048119.D

Acq: 18 Apr 2022 14:30

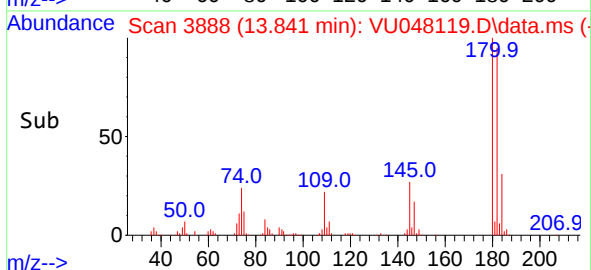
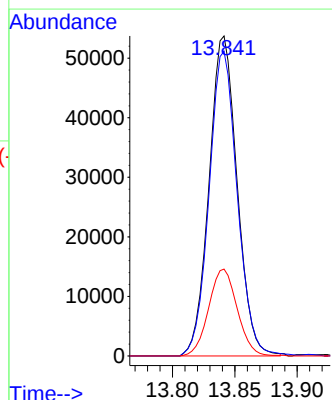
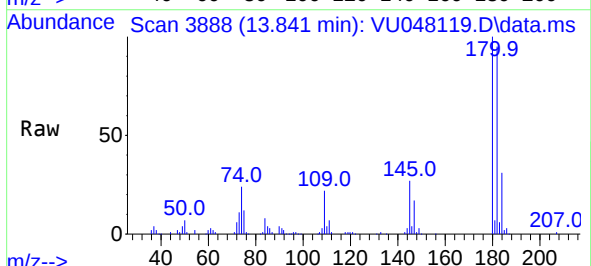
Tgt Ion:180 Resp: 84213

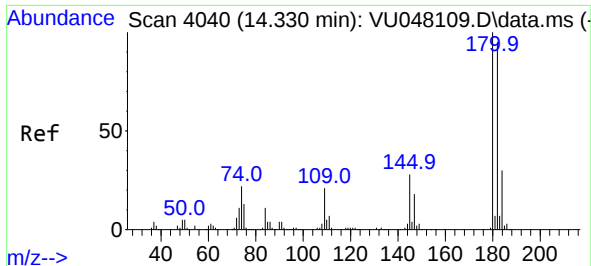
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

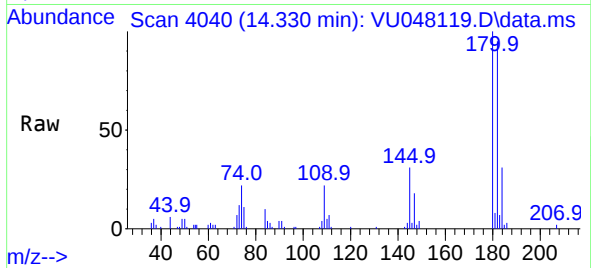
145 27.6 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 5.621 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU048119.D
 Acq: 18 Apr 2022 14:30

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J47DL



Tgt Ion:	180	Resp:	21936
Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.4	116.0
145	29.4	22.8	34.2

