

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048170.D
 Acq On : 21 Apr 2022 14:11
 Operator : SY/MD
 Sample : N2486-13 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J49

Quant Time: Apr 22 01:50:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

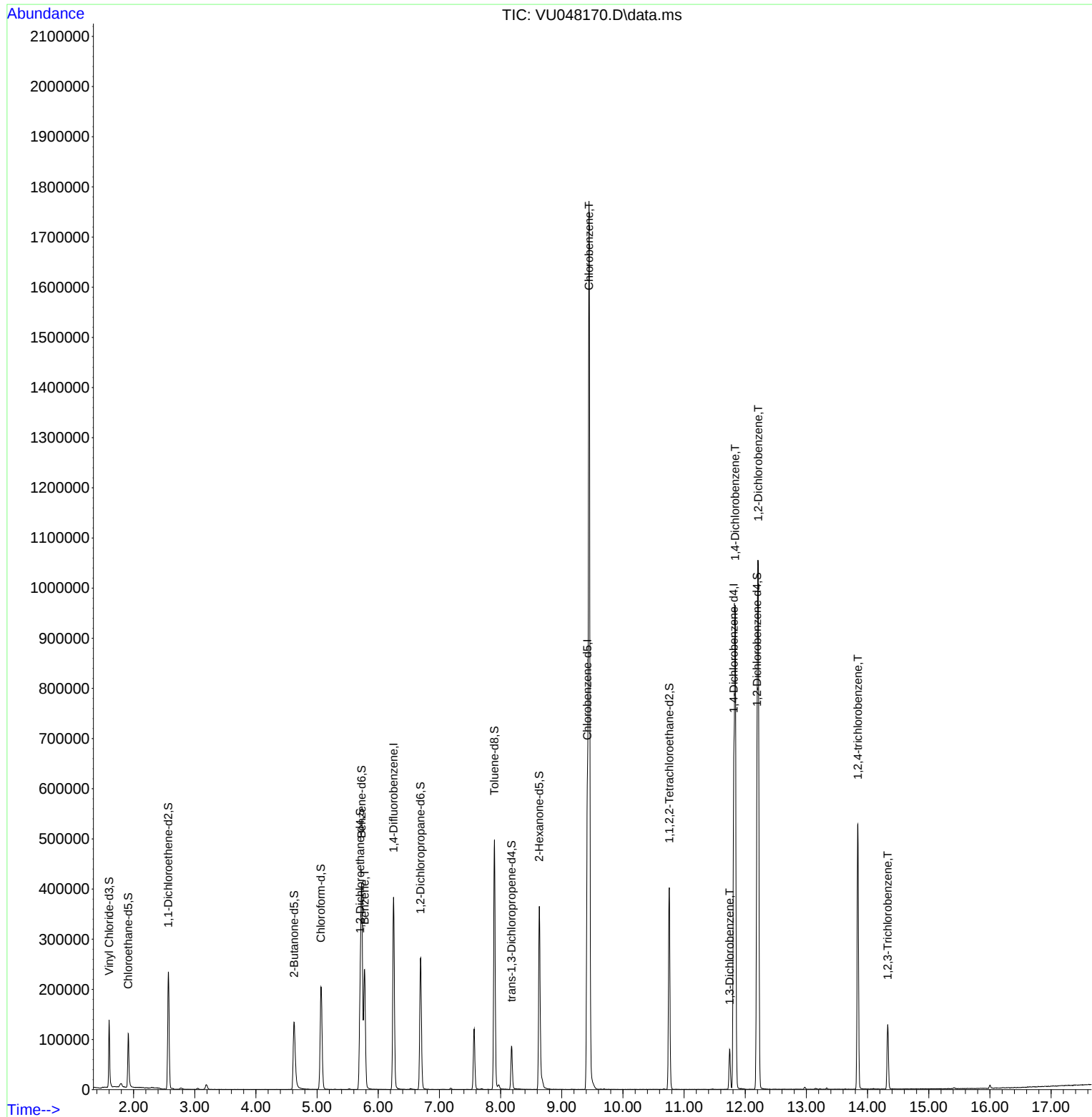
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	327083	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	343339	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173018	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	102046	43.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.040%
7) Chloroethane-d5	1.912	69	86285	46.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.280%
11) 1,1-Dichloroethene-d2	2.568	63	135464	31.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.440%
21) 2-Butanone-d5	4.623	46	183194	89.984	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.980%
24) Chloroform-d	5.063	84	195411	45.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.060%
26) 1,2-Dichloroethane-d4	5.703	65	122016	45.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
32) Benzene-d6	5.729	84	397711	46.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
36) 1,2-Dichloropropane-d6	6.690	67	130722	49.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.540%
41) Toluene-d8	7.899	98	338823	40.253	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.500%
43) trans-1,3-Dichloroprop...	8.179	79	49650	36.937	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.880%
47) 2-Hexanone-d5	8.632	63	123437	79.473	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.470%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201857	44.331	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.660%
66) 1,2-Dichlorobenzene-d4	12.192	152	152098	49.412	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.820%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	233463	23.492	ug/L	100
51) Chlorobenzene	9.446	112	995720	134.485	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	36261	6.977	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	387393	71.961	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	400564	77.025	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	178229	48.207	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	44919	12.119	ug/L	98

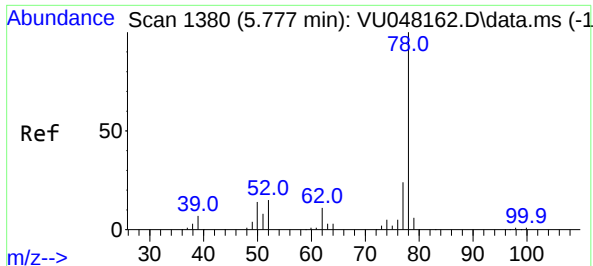
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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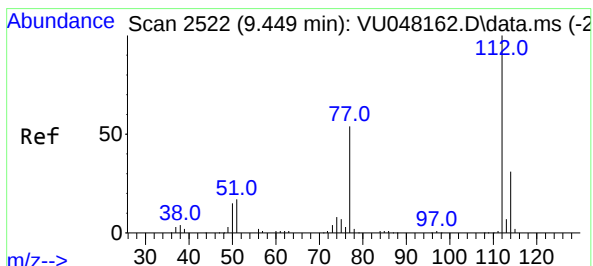
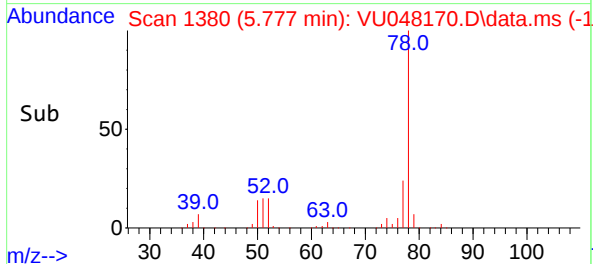
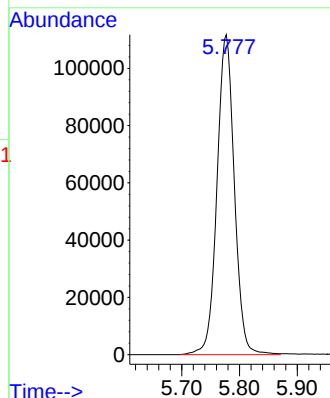
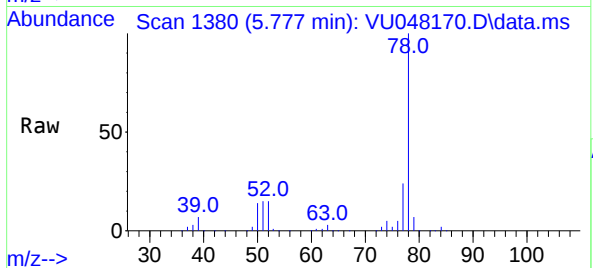




#33
Benzene
Concen: 23.492 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048170.D
Acq: 21 Apr 2022 14:11

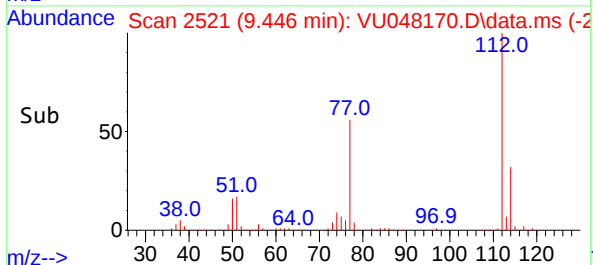
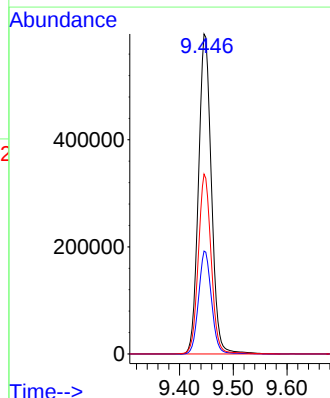
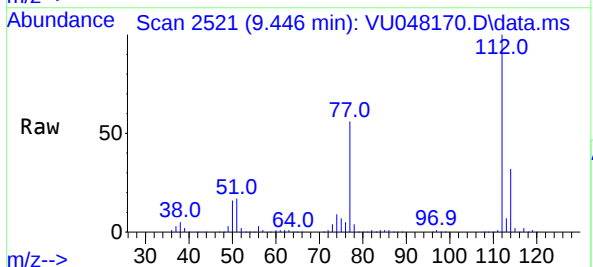
Instrument :
MSVOA_U
ClientSampleId :
C0J49

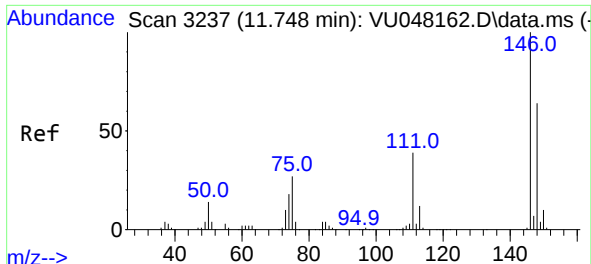
Tgt Ion: 78 Resp: 233463



#51
Chlorobenzene
Concen: 134.485 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048170.D
Acq: 21 Apr 2022 14:11

Tgt Ion:112 Resp: 995720
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 56.2 43.4 65.0

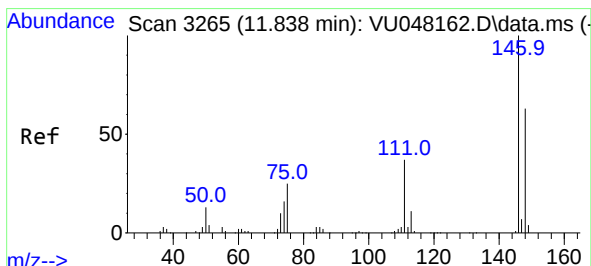
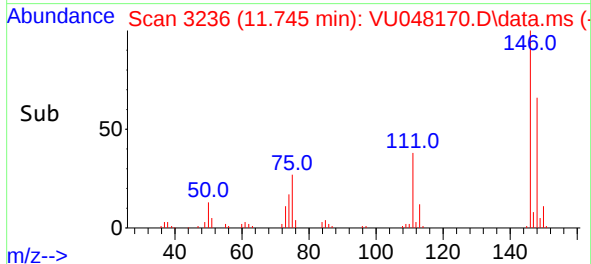
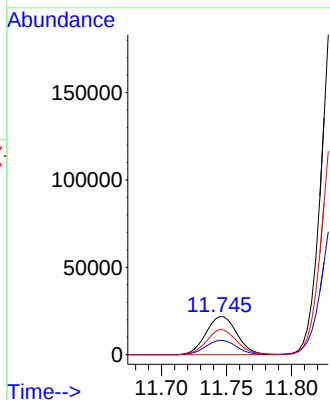
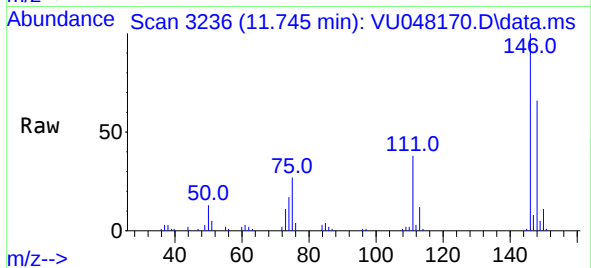




#64
1,3-Dichlorobenzene
Concen: 6.977 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048170.D
Acq: 21 Apr 2022 14:11

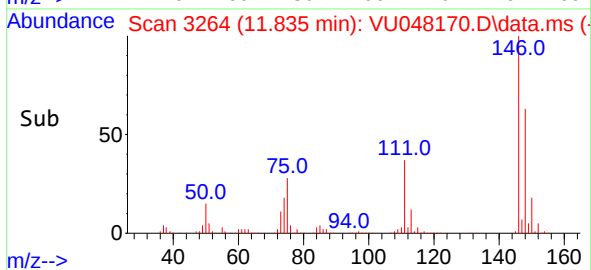
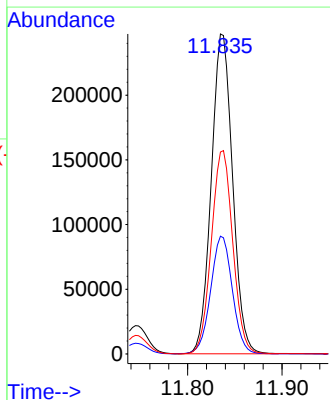
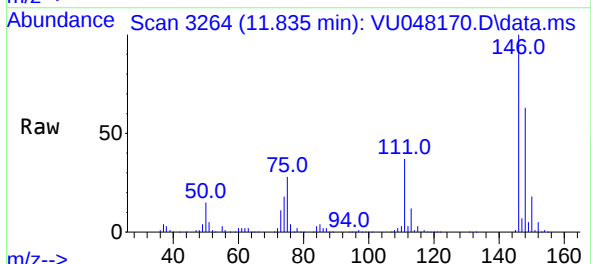
Instrument :
MSVOA_U
ClientSampleId :
C0J49

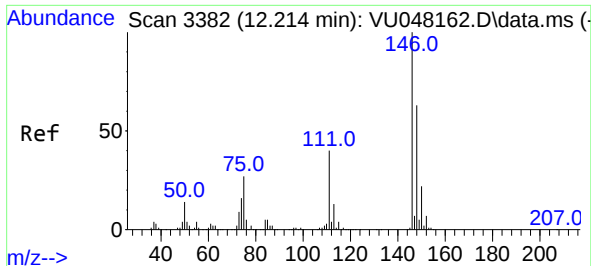
Tgt Ion:146 Resp: 36261
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 65.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 71.961 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048170.D
Acq: 21 Apr 2022 14:11

Tgt Ion:146 Resp: 387393
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 63.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 77.025 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048170.D

Acq: 21 Apr 2022 14:11

Instrument :

MSVOA_U

ClientSampleId :

C0J49

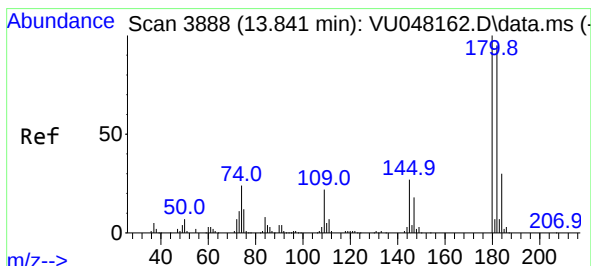
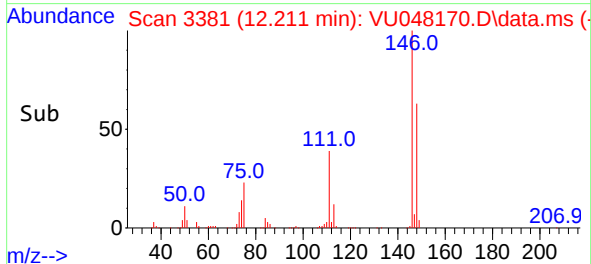
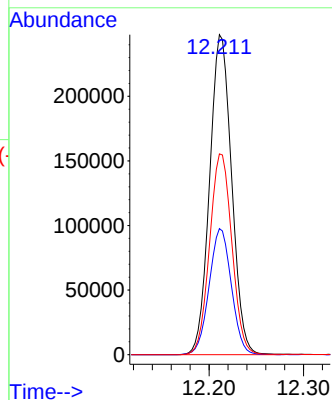
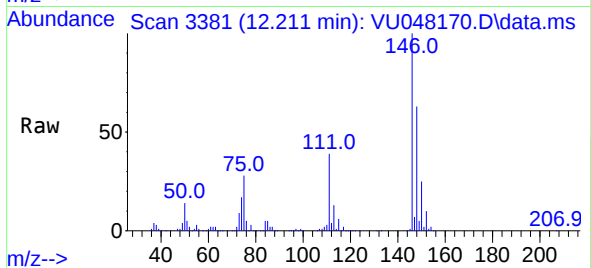
Tgt Ion:146 Resp: 400564

Ion Ratio Lower Upper

146 100

111 39.4 31.7 47.5

148 62.7 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 48.207 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048170.D

Acq: 21 Apr 2022 14:11

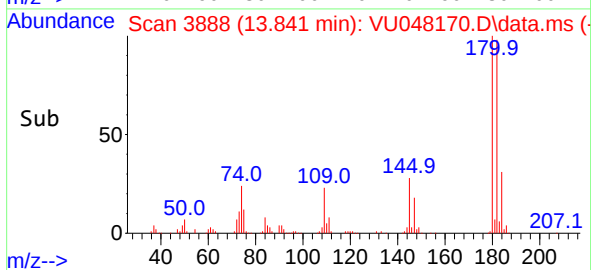
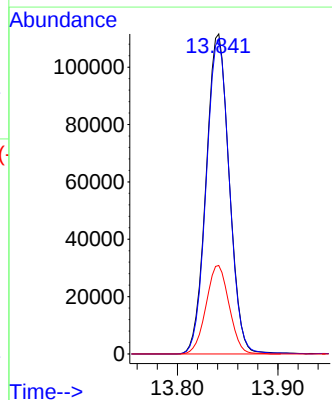
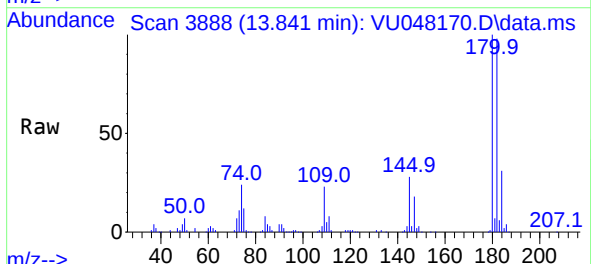
Tgt Ion:180 Resp: 178229

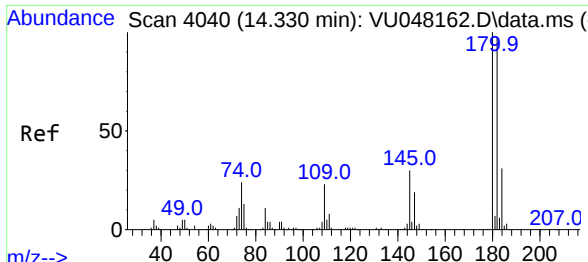
Ion Ratio Lower Upper

180 100

182 98.2 76.2 114.2

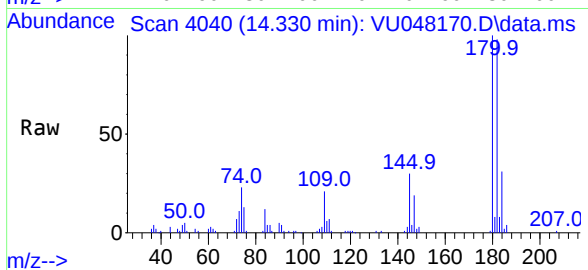
145 27.6 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 12.119 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU048170.D
 Acq: 21 Apr 2022 14:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J49



Tgt Ion:180 Resp: 44919

Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.4	116.0
145	28.2	22.8	34.2

