

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048234.D
 Acq On : 22 Apr 2022 18:56
 Operator : SY/MD
 Sample : N2486-14DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J50DL

Quant Time: Apr 22 22:04:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

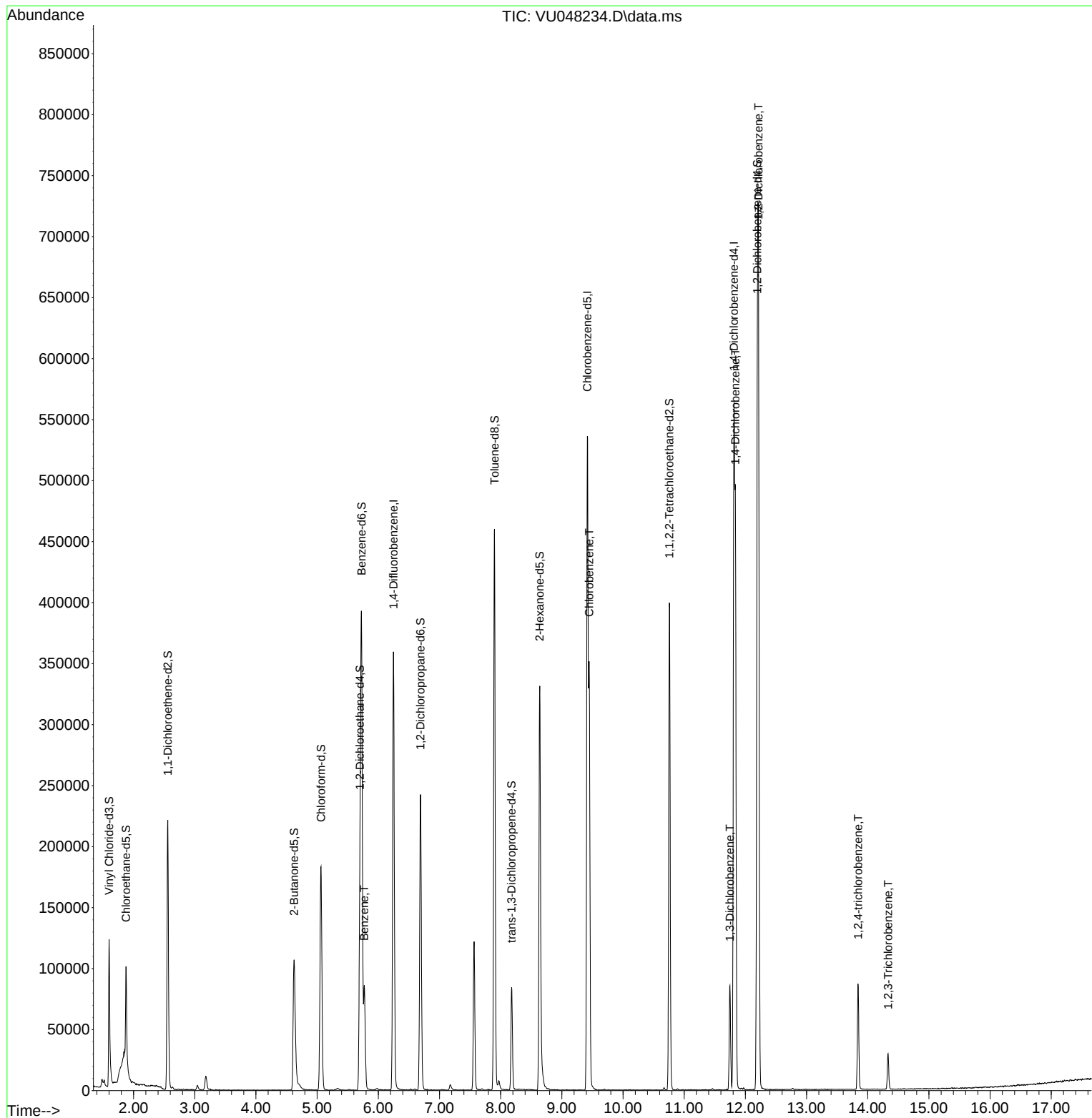
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305689	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	309837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	151244	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	103566	46.720	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.440%	
7) Chloroethane-d5	1.877	69	70223	40.175	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	80.360%	
11) 1,1-Dichloroethene-d2	2.559	63	128889	31.779	ug/L	-0.01
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.560%	
21) 2-Butanone-d5	4.623	46	168257	88.431	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.430%	
24) Chloroform-d	5.063	84	173993	42.897	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.700	65	111958	45.005	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.020%	
32) Benzene-d6	5.726	84	367487	47.136	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.280%	
36) 1,2-Dichloropropane-d6	6.690	67	122891	51.326	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.660%	
41) Toluene-d8	7.899	98	310551	40.884	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.760%	
43) trans-1,3-Dichloroprop...	8.179	79	47401	39.077	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.160%	
47) 2-Hexanone-d5	8.639	63	116477	83.100	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	83.100%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	196958	47.932	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.860%	
66) 1,2-Dichlorobenzene-d4	12.195	152	135361	50.306	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.620%	
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	80245	8.948	ug/L	100
51) Chlorobenzene	9.446	112	187586	28.075	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	36990	8.142	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	183604	39.016	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	257653	56.677	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	31120	9.629	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	10530	3.250	ug/L	98

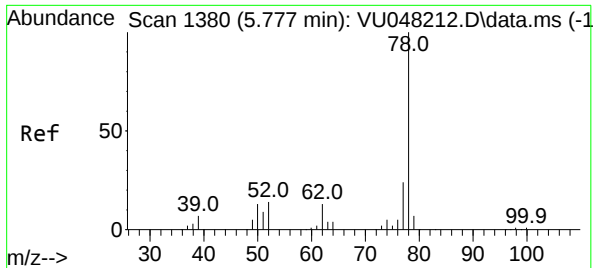
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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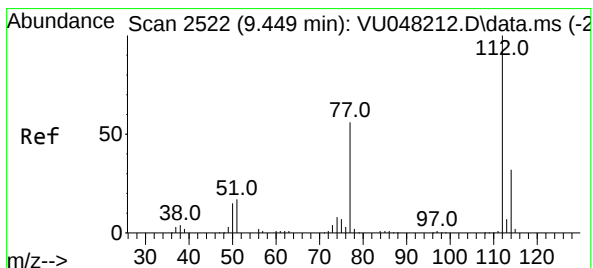
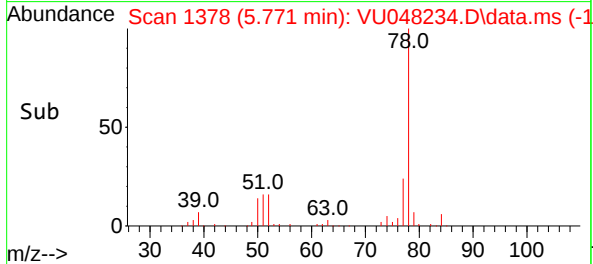
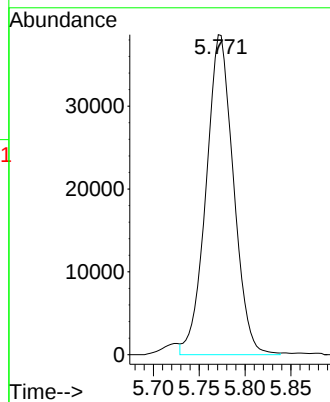
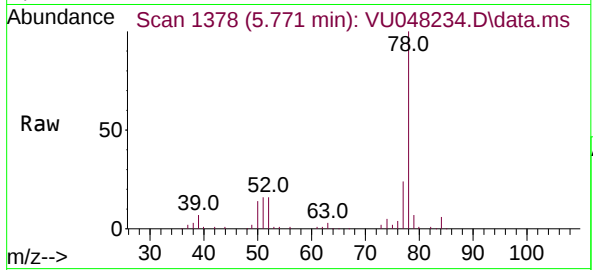




#33
Benzene
Concen: 8.948 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048234.D
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Instrument :
MSVOA_U
ClientSampleId :
C0J50DL

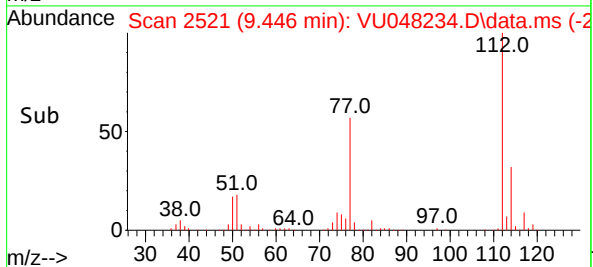
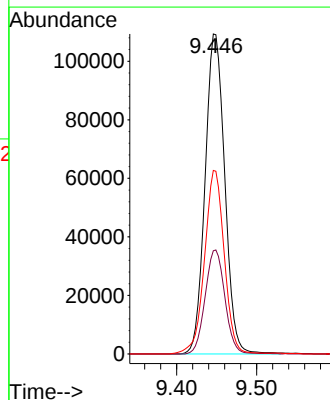
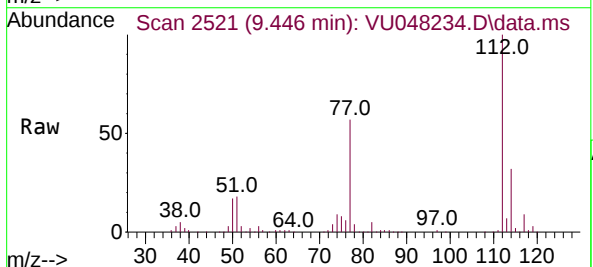
Tgt Ion: 78 Resp: 80245

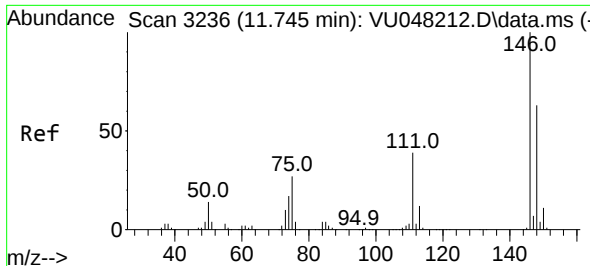


#51
Chlorobenzene
Concen: 28.075 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

Tgt Ion: 112 Resp: 187586

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.1	41.1
77	57.3	43.4	65.0

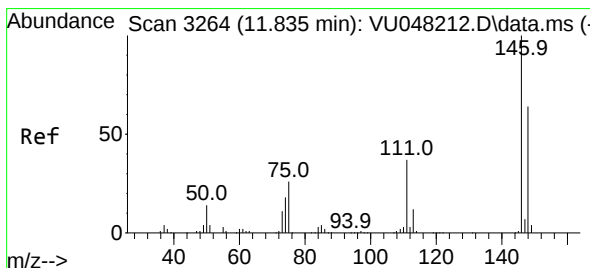
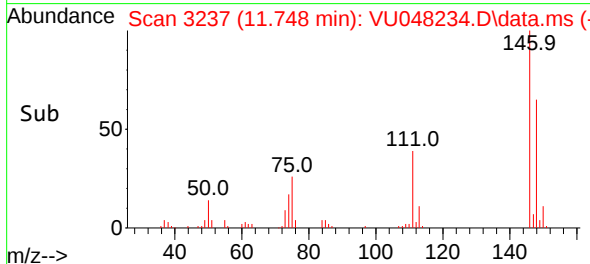
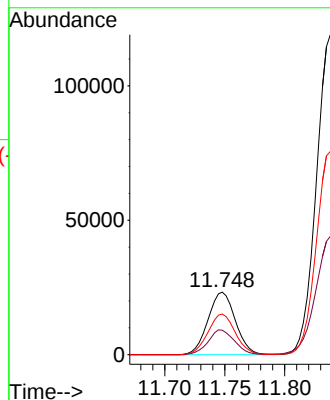
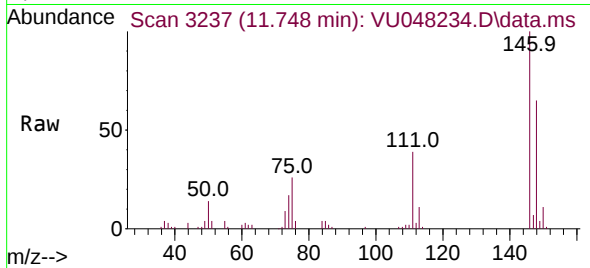




#64
1,3-Dichlorobenzene
Concen: 8.142 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

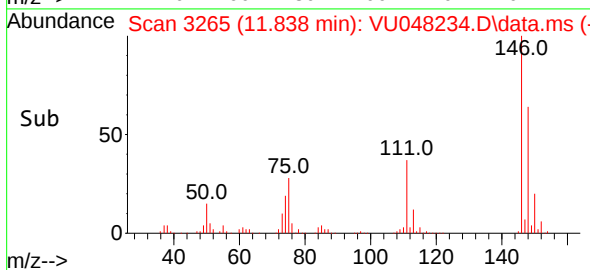
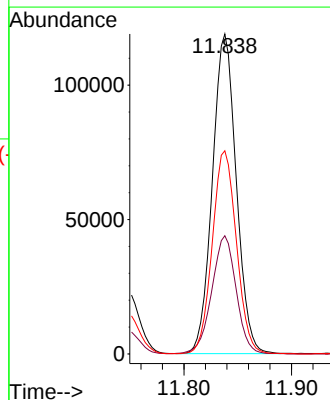
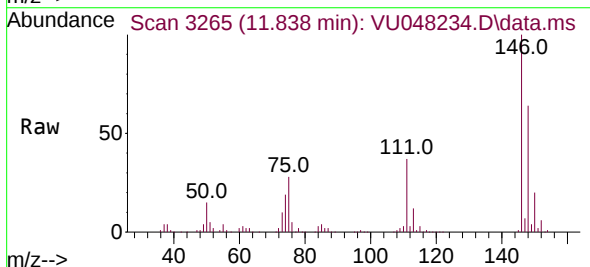
Instrument :
MSVOA_U
ClientSampleId :
C0J50DL

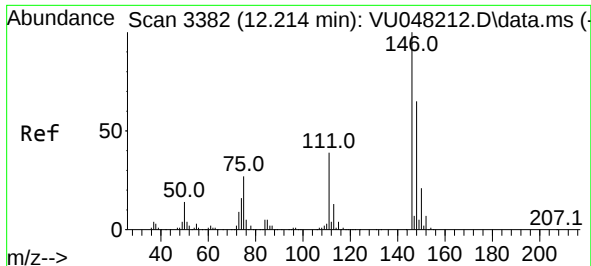
Tgt Ion:146 Resp: 36990
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 65.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 39.016 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048234.D
Acq: 22 Apr 2022 18:56

Tgt Ion:146 Resp: 183604
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 63.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 56.677 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU048234.D

Acq: 22 Apr 2022 18:56

Instrument :

MSVOA_U

ClientSampleId :

C0J50DL

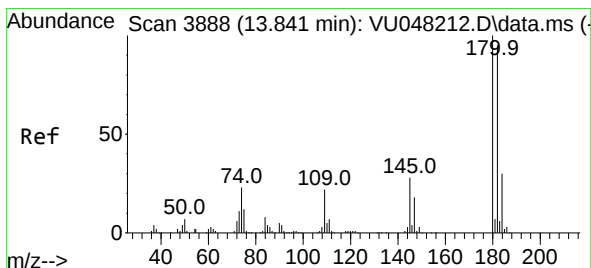
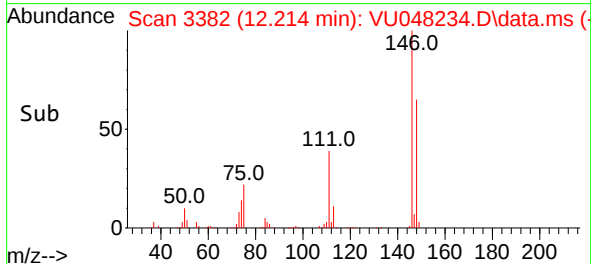
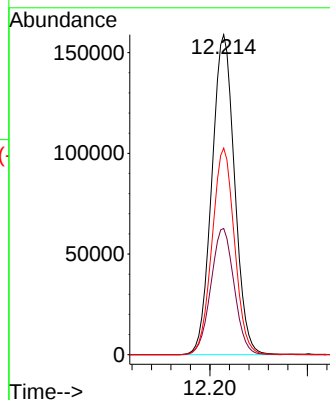
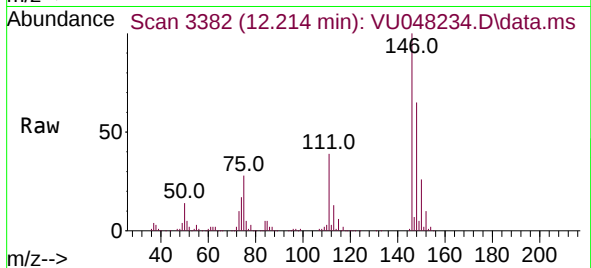
Tgt Ion:146 Resp: 257653

Ion Ratio Lower Upper

146 100

111 39.4 31.7 47.5

148 64.6 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 9.629 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048234.D

Acq: 22 Apr 2022 18:56

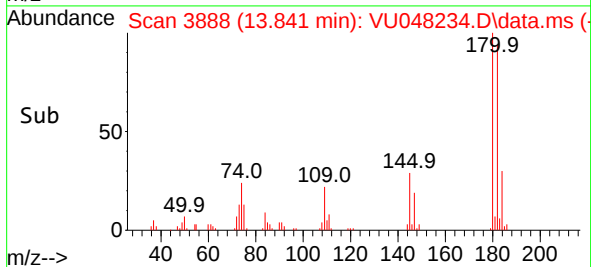
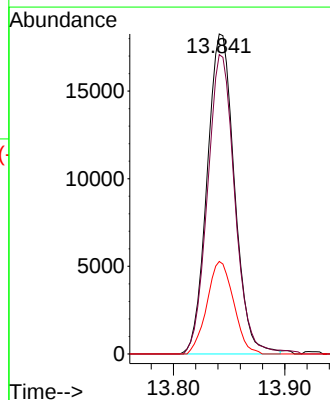
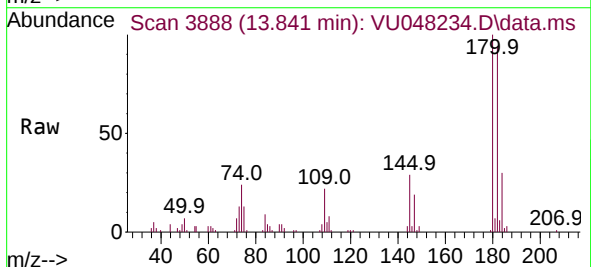
Tgt Ion:180 Resp: 31120

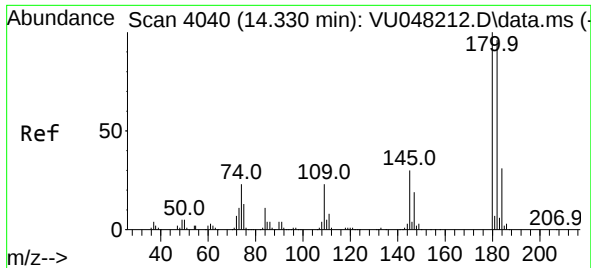
Ion Ratio Lower Upper

180 100

182 92.7 76.2 114.2

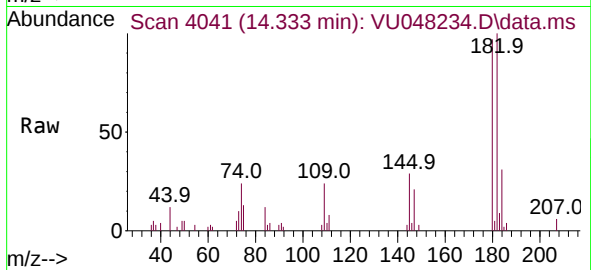
145 28.1 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 3.250 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048234.D
 Acq: 22 Apr 2022 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J50DL



Tgt Ion:	180	Resp:	10530
Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.4	116.0
145	28.5	22.8	34.2

