

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048121.D
 Acq On : 18 Apr 2022 15:15
 Operator : SY/MD
 Sample : N2419-06DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J53DL

Quant Time: Apr 19 03:40:29 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)

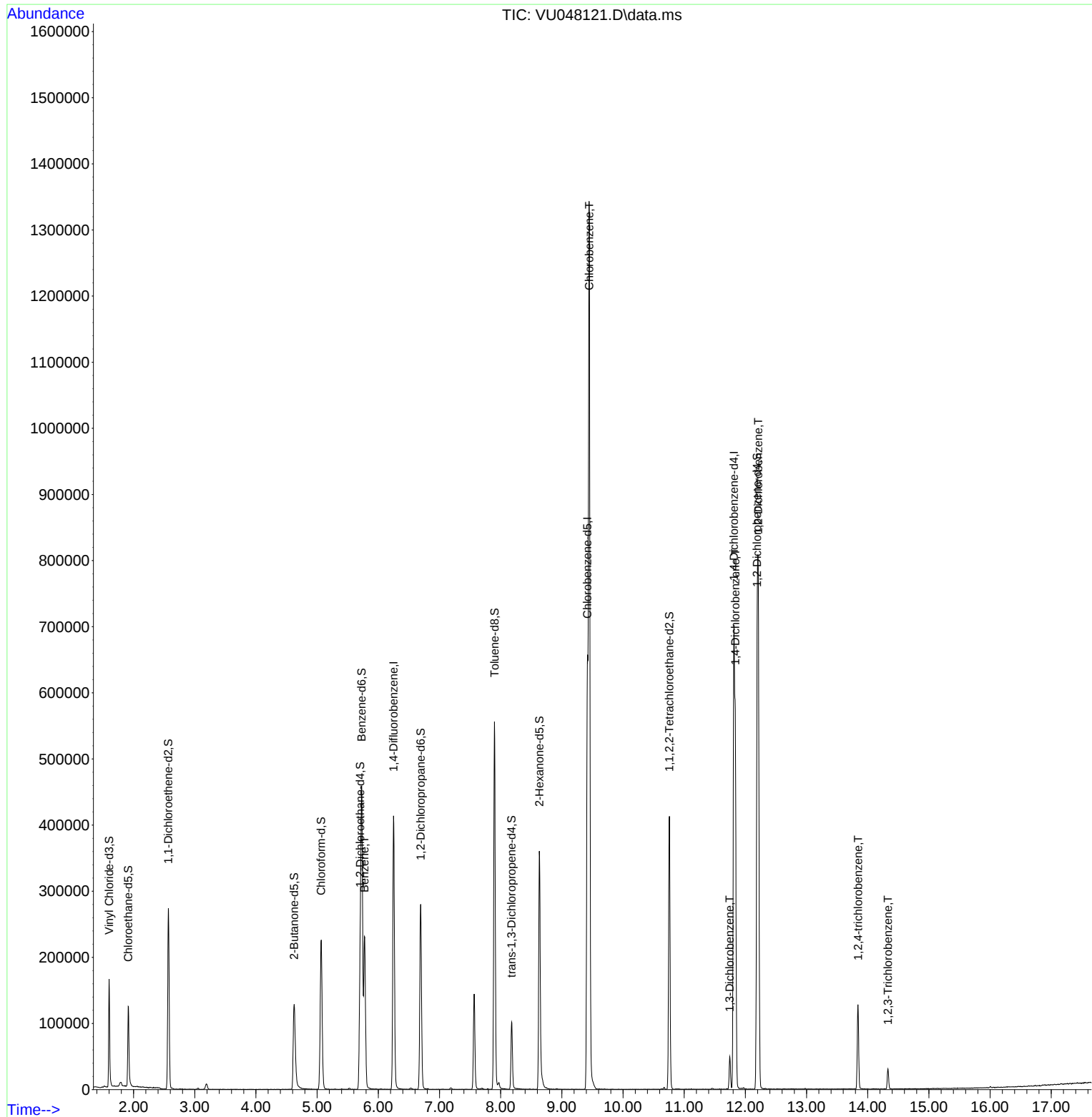
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	354831	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	366933	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123099	47.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.680%
7) Chloroethane-d5	1.912	69	99393	48.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.980%
11) 1,1-Dichloroethene-d2	2.568	63	157879	33.536	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.080%
21) 2-Butanone-d5	4.623	46	176951	80.121	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.120%
24) Chloroform-d	5.067	84	211007	44.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
26) 1,2-Dichloroethane-d4	5.703	65	132288	45.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.620%
32) Benzene-d6	5.729	84	432691	46.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
36) 1,2-Dichloropropane-d6	6.694	67	139702	49.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.540%
41) Toluene-d8	7.899	98	382072	42.473	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.940%
43) trans-1,3-Dichloroprop...	8.179	79	57513	40.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.080%
47) 2-Hexanone-d5	8.632	63	123716	74.531	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.530%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	207465	42.633	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.260%
66) 1,2-Dichlorobenzene-d4	12.192	152	167210	49.198	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	226793	21.353	ug/L	100
51) Chlorobenzene	9.446	112	757821	95.772	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	21058	3.670	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	220669	37.124	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	279112	48.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	43941	10.764	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	10896	2.663	ug/L	99

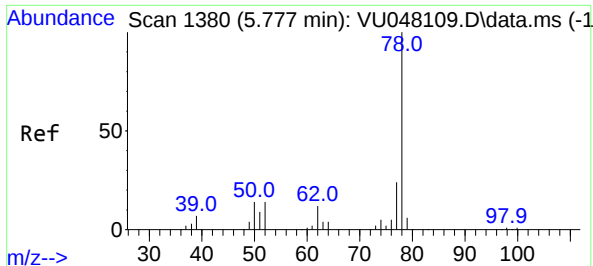
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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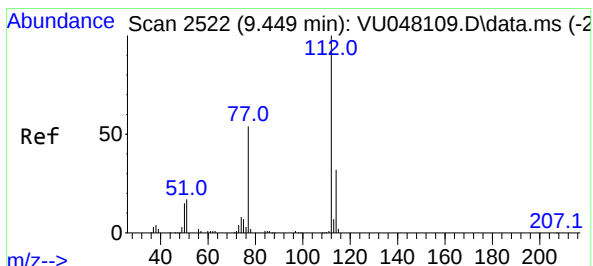
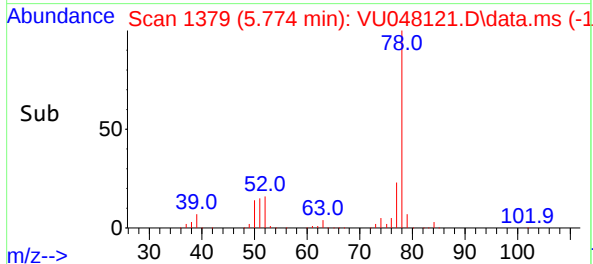
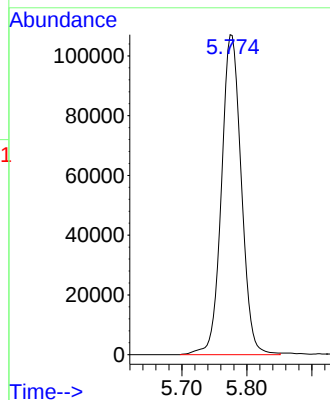
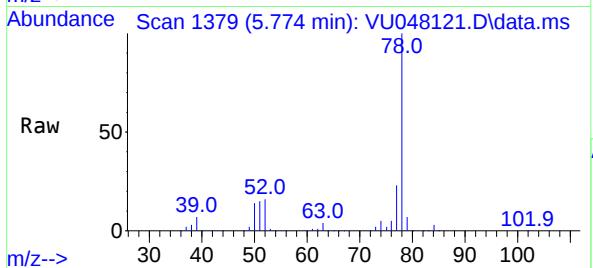




#33
Benzene
Concen: 21.353 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048121.D
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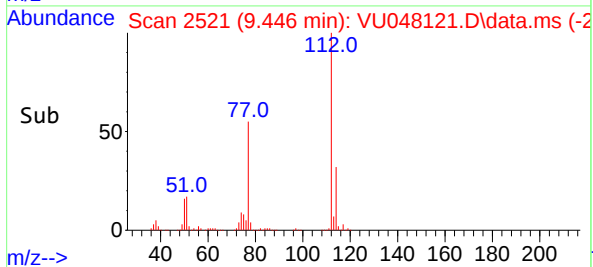
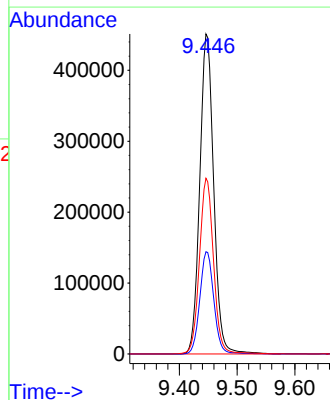
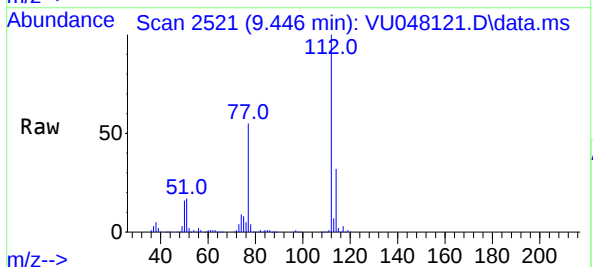
Instrument :
MSVOA_U
ClientSampleId :
C0J53DL

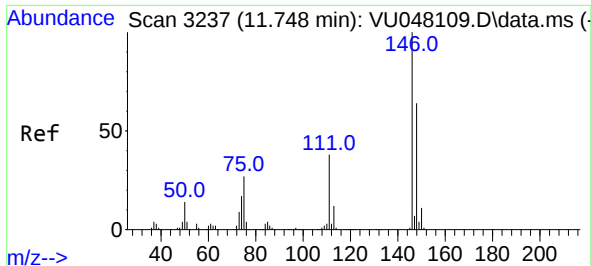
Tgt Ion: 78 Resp: 226793



#51
Chlorobenzene
Concen: 95.772 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

Tgt Ion: 112 Resp: 757821
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 54.9 43.4 65.0

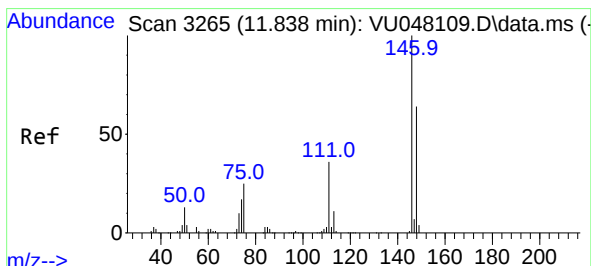
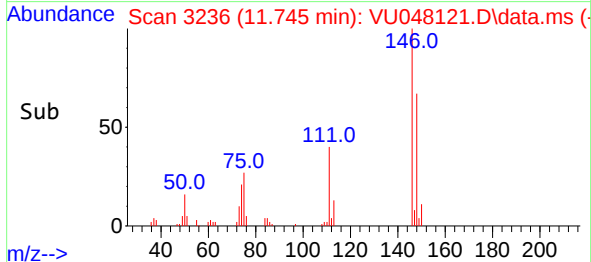
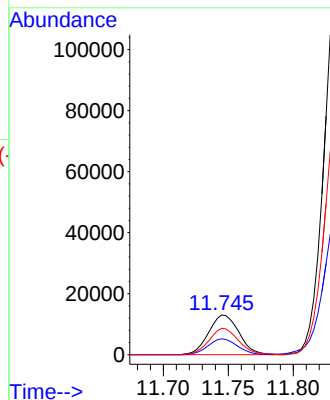
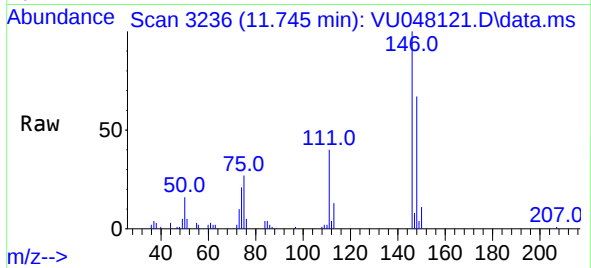




#64
1,3-Dichlorobenzene
Concen: 3.670 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

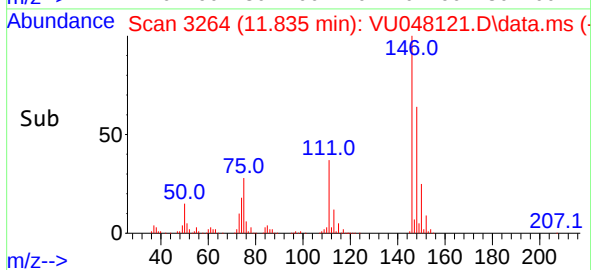
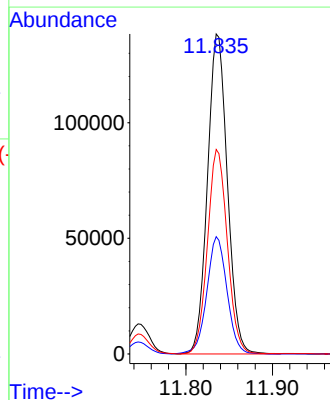
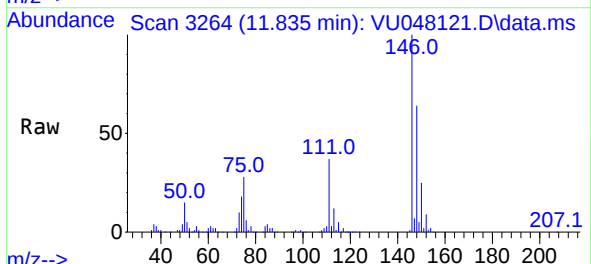
Instrument :
MSVOA_U
ClientSampleId :
C0J53DL

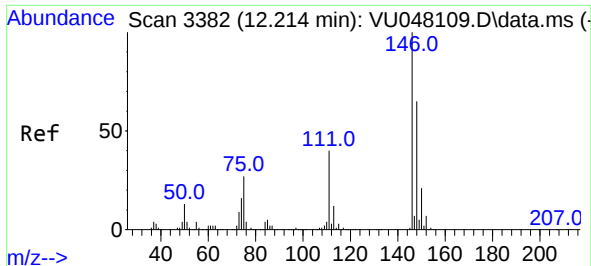
Tgt Ion:146 Resp: 21058
Ion Ratio Lower Upper
146 100
111 40.0 26.7 49.7
148 66.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 37.124 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048121.D
Acq: 18 Apr 2022 15:15

Tgt Ion:146 Resp: 220669
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 48.609 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048121.D

Acq: 18 Apr 2022 15:15

Instrument :

MSVOA_U

ClientSampleId :

C0J53DL

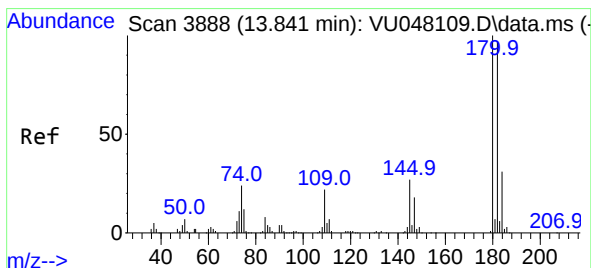
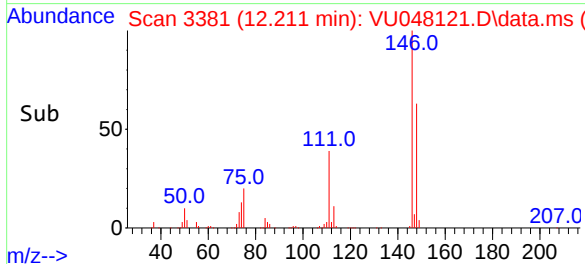
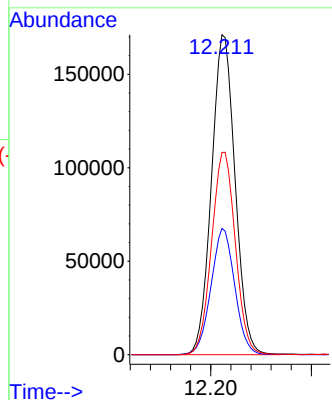
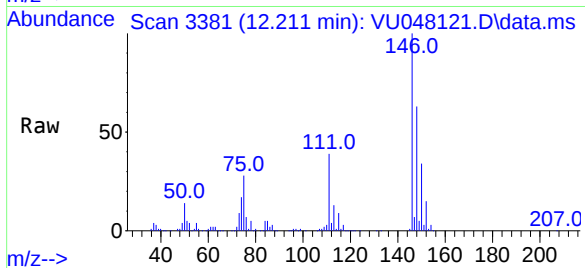
Tgt Ion:146 Resp: 279112

Ion Ratio Lower Upper

146 100

111 39.4 31.7 47.5

148 63.2 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 10.764 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048121.D

Acq: 18 Apr 2022 15:15

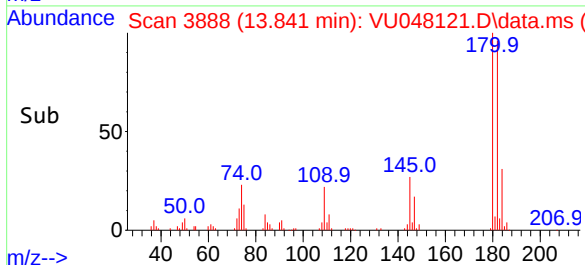
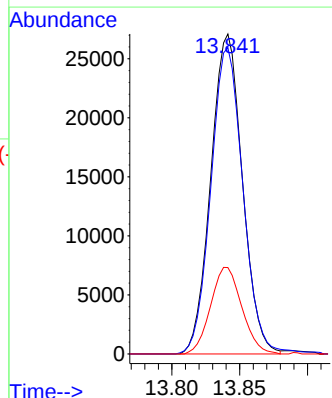
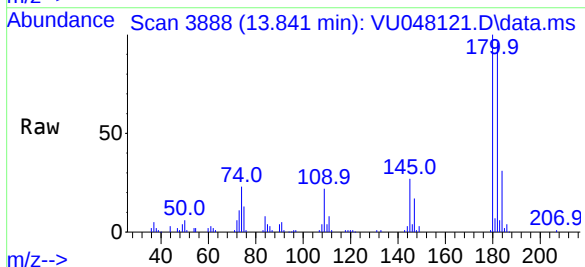
Tgt Ion:180 Resp: 43941

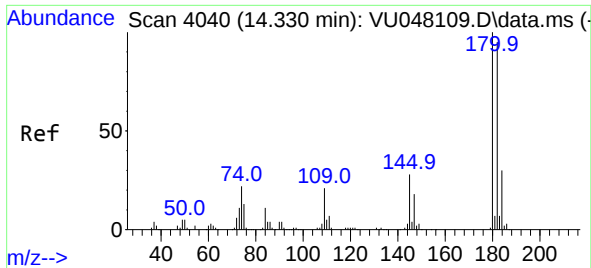
Ion Ratio Lower Upper

180 100

182 97.1 76.2 114.2

145 26.8 21.8 32.8





#72

1,2,3-Trichlorobenzene

Concen: 2.663 ug/L

RT: 14.330 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU048121.D

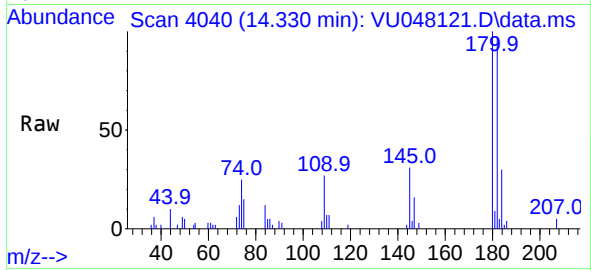
Acq: 18 Apr 2022 15:15

Instrument :

MSVOA_U

ClientSampleId :

C0J53DL



Tgt Ion:180 Resp: 10896

Ion Ratio Lower Upper

180 100

182 97.0 77.4 116.0

145 27.5 22.8 34.2

