

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048158.D
 Acq On : 20 Apr 2022 21:09
 Operator : SY/MD
 Sample : N2485-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J27

Quant Time: Apr 21 02:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

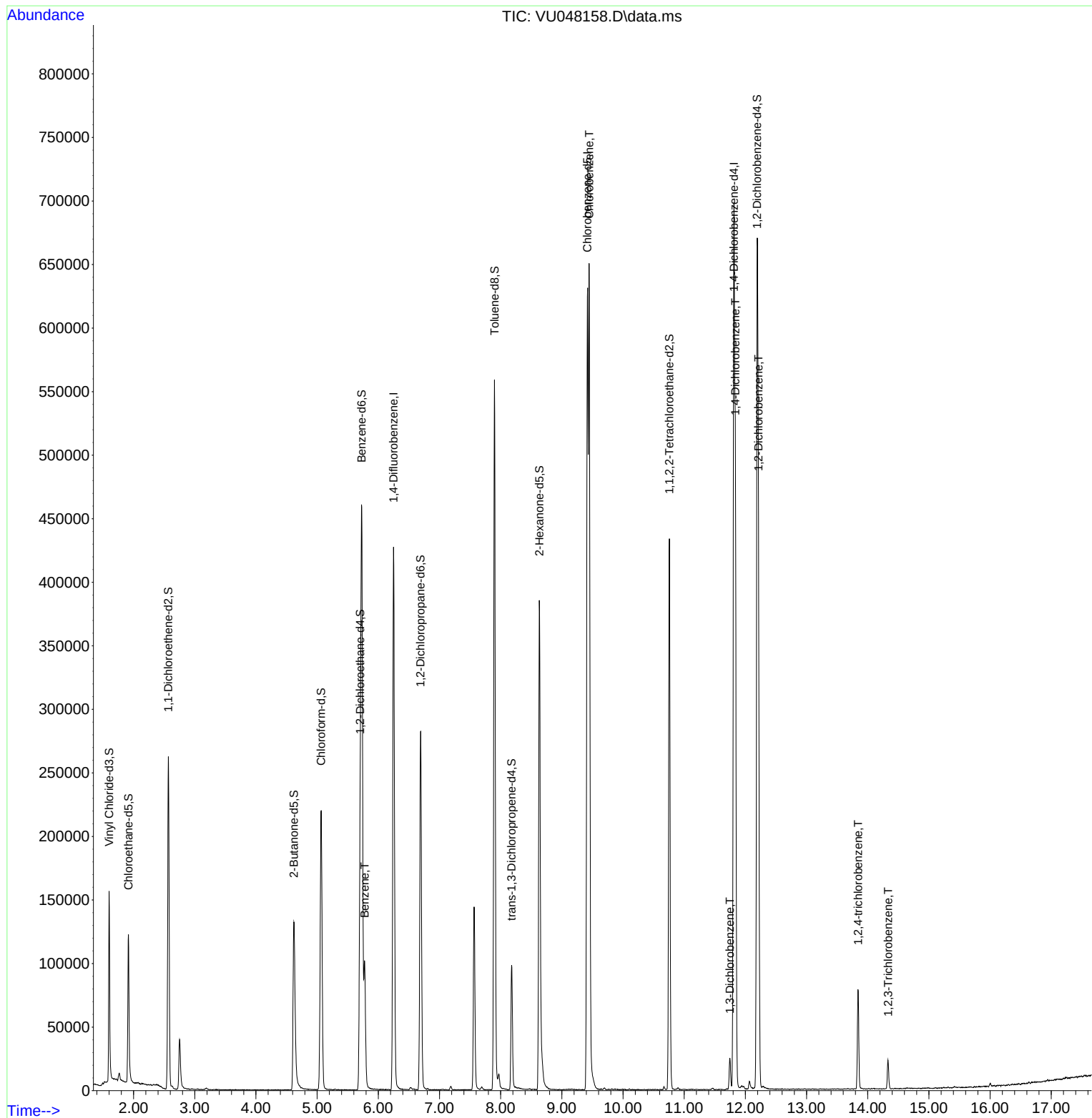
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	371994	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	375641	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	190466	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110862	41.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.200%
7) Chloroethane-d5	1.916	69	96538	45.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.780%
11) 1,1-Dichloroethene-d2	2.568	63	149333	30.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.520%
21) 2-Butanone-d5	4.620	46	197269	85.199	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.200%
24) Chloroform-d	5.067	84	209304	42.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.703	65	131313	43.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.760%
32) Benzene-d6	5.729	84	442240	46.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
36) 1,2-Dichloropropane-d6	6.690	67	142443	49.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.140%
41) Toluene-d8	7.899	98	386722	41.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.980%
43) trans-1,3-Dichloroprop...	8.179	79	57373	39.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.020%
47) 2-Hexanone-d5	8.632	63	140460	82.656	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215107	43.179	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.360%
66) 1,2-Dichlorobenzene-d4	12.192	152	167197	49.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	94112	8.656	ug/L	100
51) Chlorobenzene	9.446	112	358003	44.195	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	12086	2.112	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	200320	33.802	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	164820	28.790	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	27505	6.758	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	8030	1.968	ug/L	99

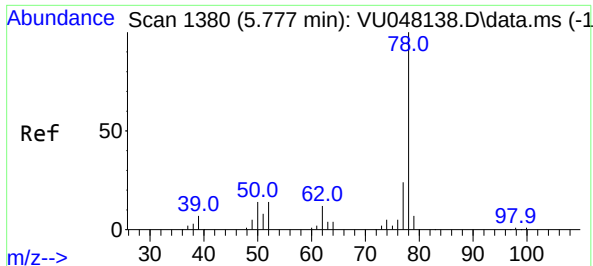
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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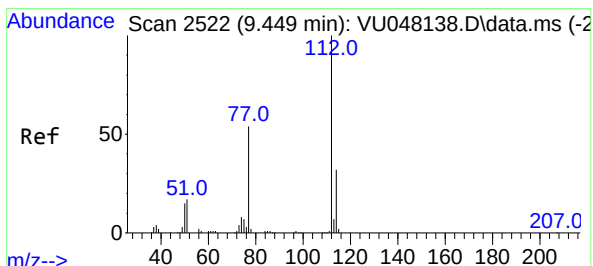
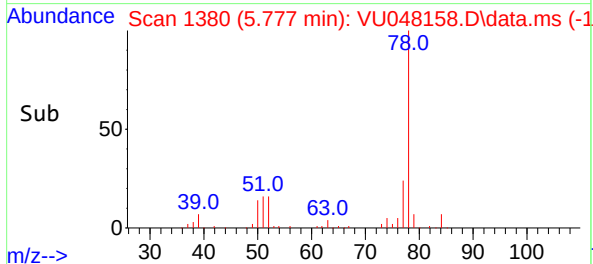
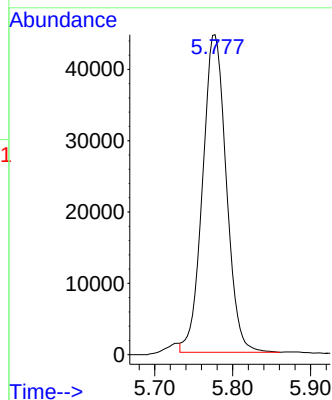
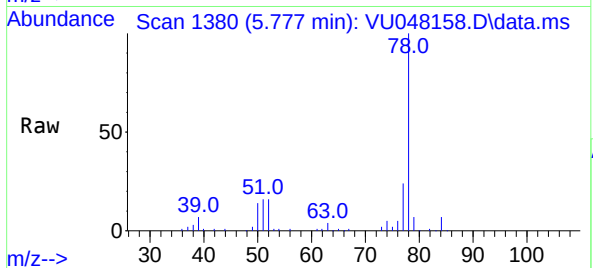




#33
Benzene
Concen: 8.656 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

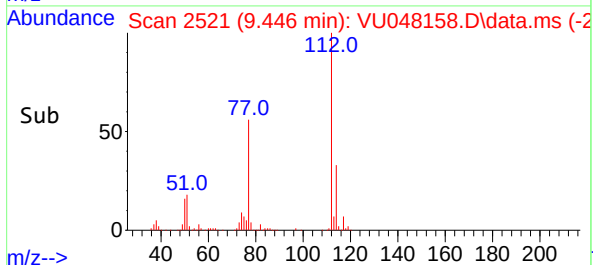
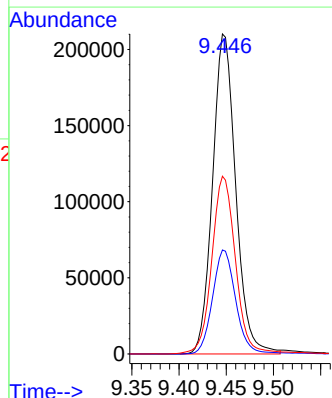
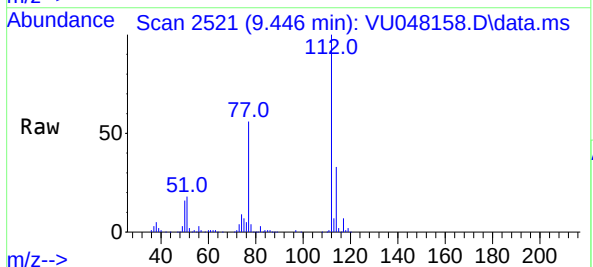
Instrument :
MSVOA_U
ClientSampleId :
C0J27

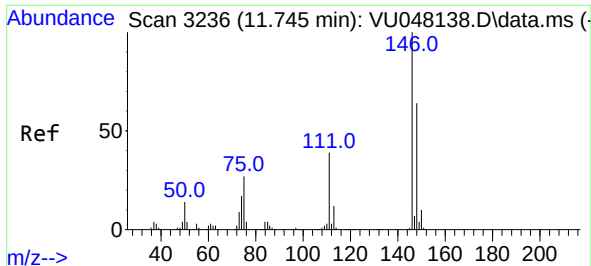
Tgt Ion: 78 Resp: 94112



#51
Chlorobenzene
Concen: 44.195 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Tgt Ion: 112 Resp: 358003
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 55.5 43.4 65.0

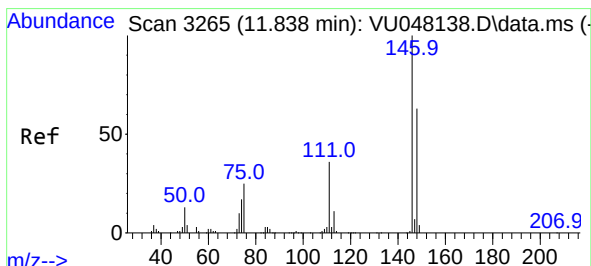
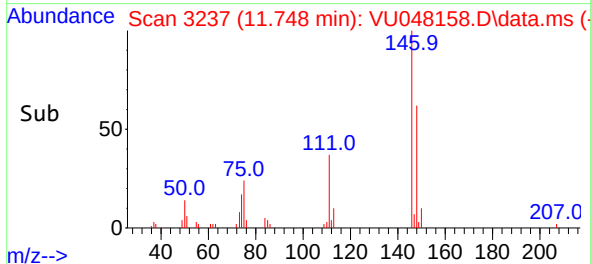
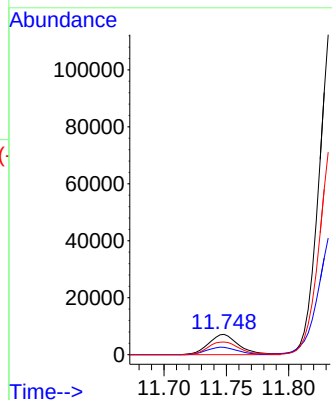
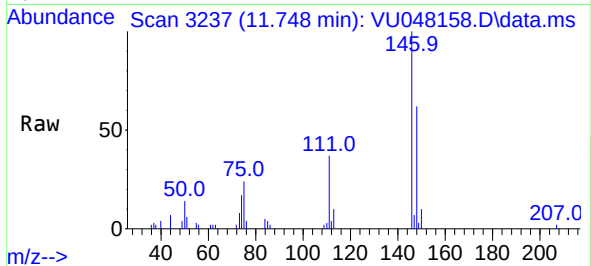




#64
1,3-Dichlorobenzene
Concen: 2.112 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

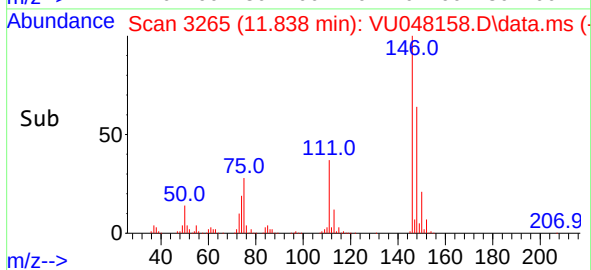
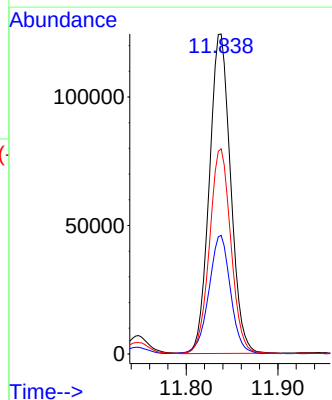
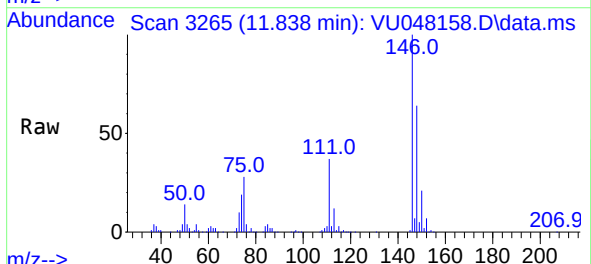
Instrument :
MSVOA_U
ClientSampleId :
C0J27

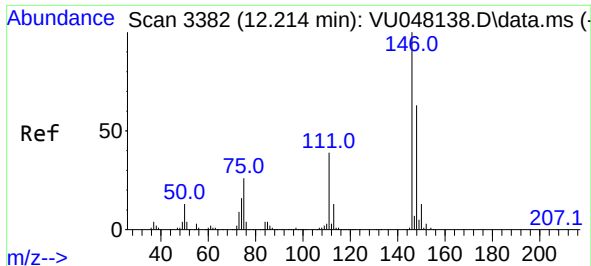
Tgt Ion:146 Resp: 12086
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.7
148 65.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 33.802 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048158.D
Acq: 20 Apr 2022 21:09

Tgt Ion:146 Resp: 200320
Ion Ratio Lower Upper
146 100
111 37.0 25.3 47.1
148 64.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 28.790 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048158.D

Acq: 20 Apr 2022 21:09

Instrument :

MSVOA_U

ClientSampleId :

C0J27

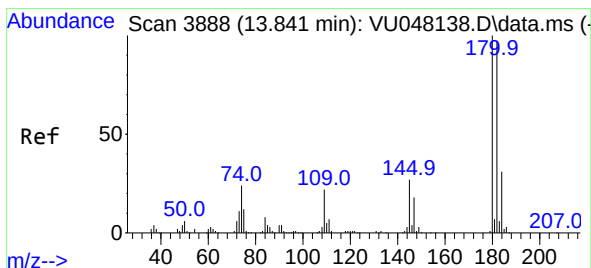
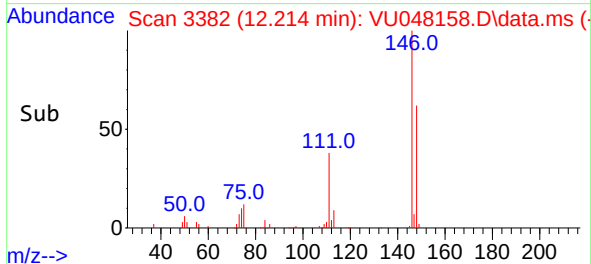
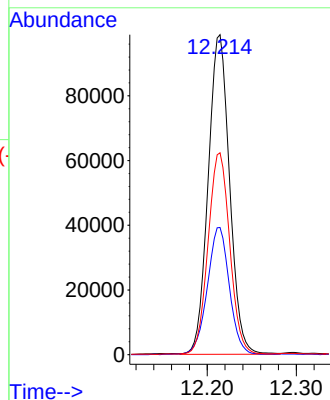
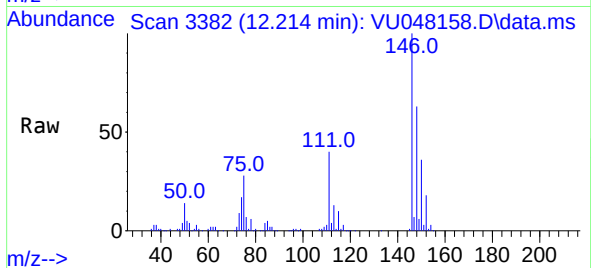
Tgt Ion:146 Resp: 164820

Ion Ratio Lower Upper

146 100

111 39.8 31.7 47.5

148 63.1 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 6.758 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048158.D

Acq: 20 Apr 2022 21:09

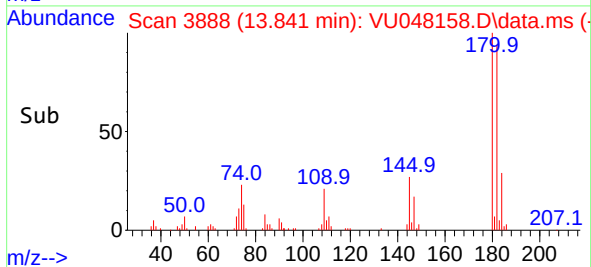
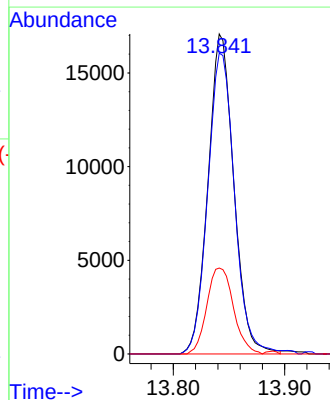
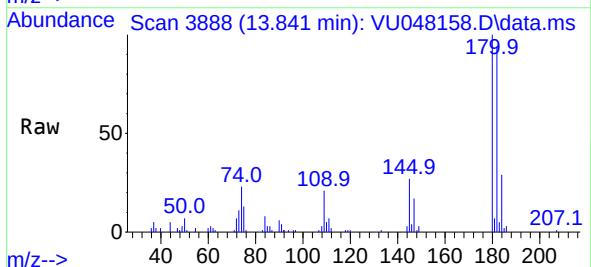
Tgt Ion:180 Resp: 27505

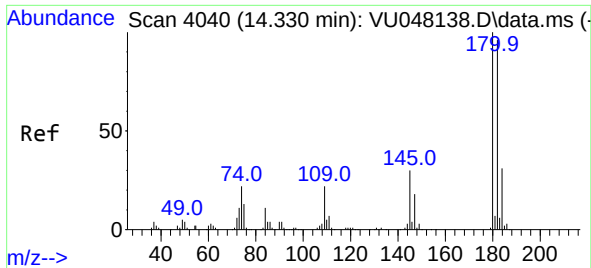
Ion Ratio Lower Upper

180 100

182 97.2 76.2 114.2

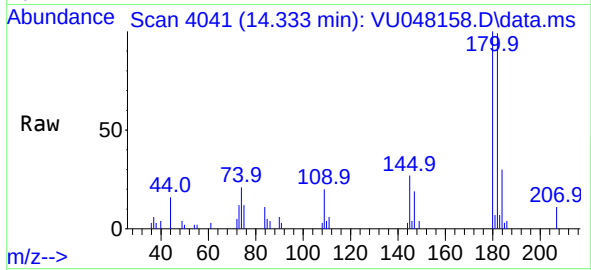
145 27.7 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 1.968 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048158.D
 Acq: 20 Apr 2022 21:09

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	180	Resp:	8030
Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.4	116.0
145	28.5	22.8	34.2

