

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047889.D
 Acq On : 08 Apr 2022 23:56
 Operator : SY/MD
 Sample : N2345-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

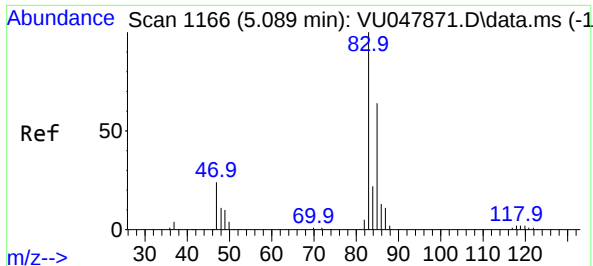
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J73

Quant Time: Apr 09 02:09:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	342502	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	338285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	187690	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	120236	48.410	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	96.820%	
7) Chloroethane-d5	1.916	69	102731	52.457	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.920%	
11) 1,1-Dichloroethene-d2	2.568	63	153822	33.851	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.700%	
21) 2-Butanone-d5	4.620	46	195163	91.548	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.550%	
24) Chloroform-d	5.067	84	214841	47.275	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.540%	
26) 1,2-Dichloroethane-d4	5.703	65	137139	49.202	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.400%	
32) Benzene-d6	5.729	84	438712	51.539	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.080%	
36) 1,2-Dichloropropane-d6	6.694	67	139256	53.270	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.540%	
41) Toluene-d8	7.899	98	392192	47.290	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.580%	
43) trans-1,3-Dichloroprop...	8.179	79	59700	45.077	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.160%	
47) 2-Hexanone-d5	8.632	63	139088	90.887	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.890%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	207904	46.341	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.680%	
66) 1,2-Dichlorobenzene-d4	12.195	152	171501	51.360	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.720%	
Target Compounds						Qvalue
25) Chloroform	5.089	83	20649	4.388	ug/L	100
31) Carbon tetrachloride	5.530	117	8059	2.327	ug/L	100
33) Benzene	5.777	78	4807502	490.975	ug/L	100
51) Chlorobenzene	9.449	112	5624771	771.046	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	274791	48.738	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	2201478	376.972	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	2402753	425.912	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	484169	120.719	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	208798	51.931	ug/L	99

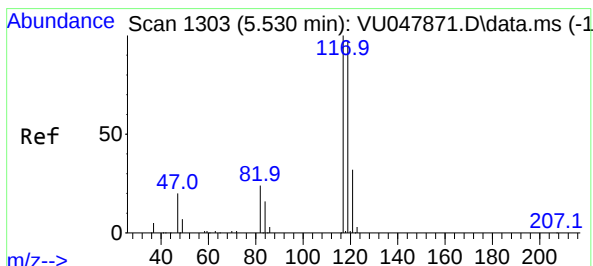
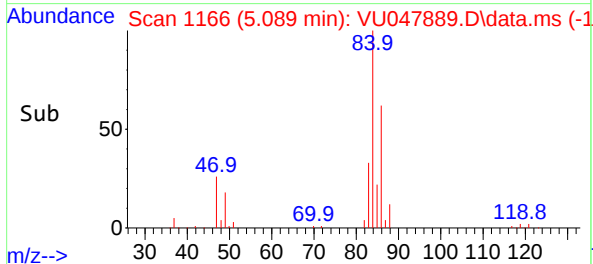
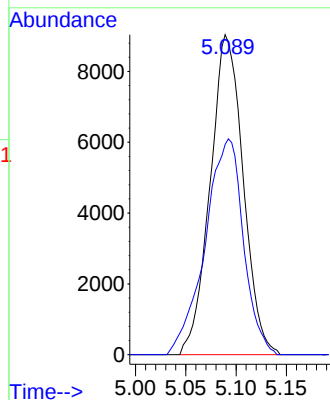
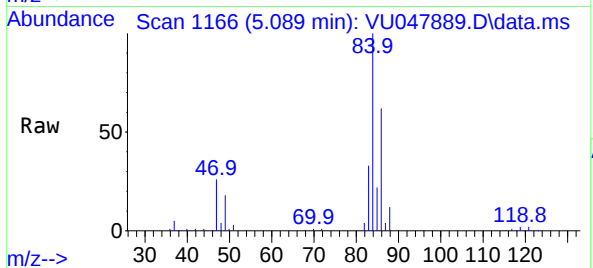
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#25
Chloroform
Concen: 4.388 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU047889.D
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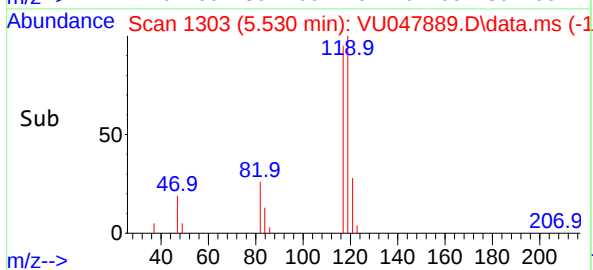
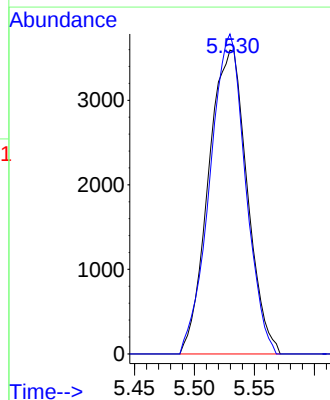
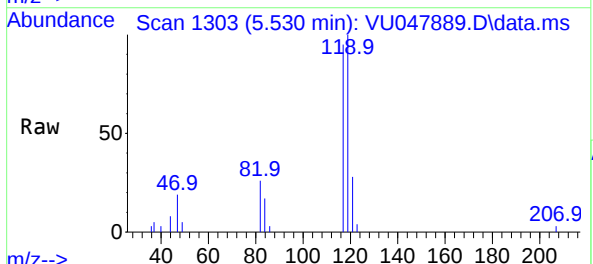
Instrument :
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ClientSampleId :
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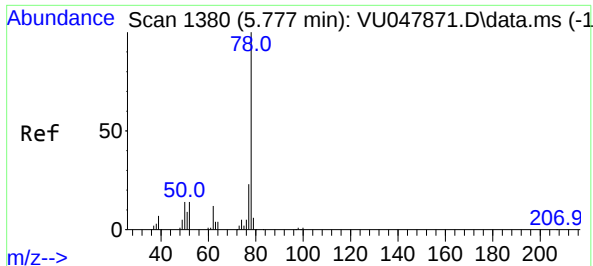
Tgt Ion: 83 Resp: 20649
Ion Ratio Lower Upper
83 100
85 65.7 46.2 85.8



#31
Carbon tetrachloride
Concen: 2.327 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047889.D
Acq: 08 Apr 2022 23:56

Tgt Ion: 117 Resp: 8059
Ion Ratio Lower Upper
117 100
119 96.9 77.2 115.8

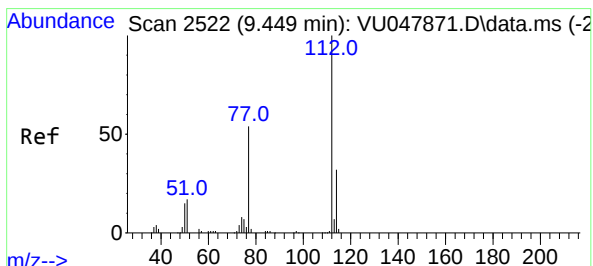
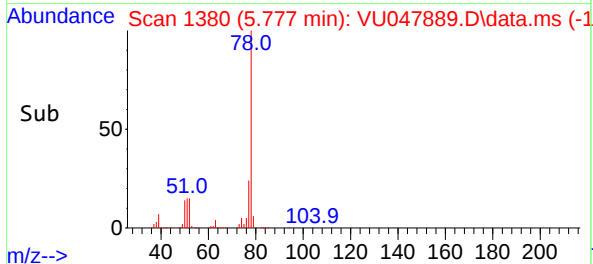
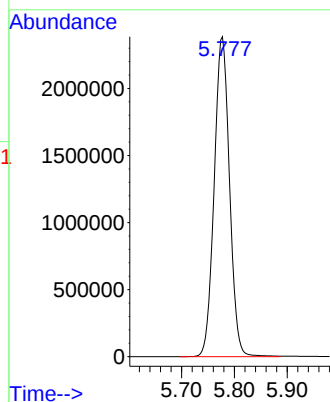
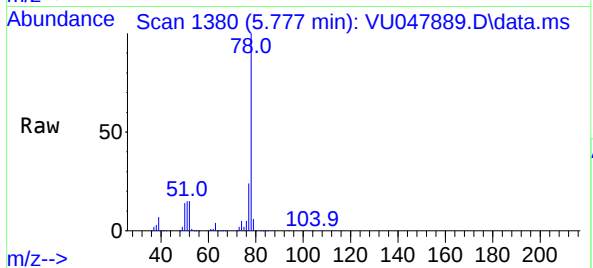




#33
Benzene
Concen: 490.975 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047889.D
Acq: 08 Apr 2022 23:56

Instrument :
MSVOA_U
ClientSampleId :
C0J73

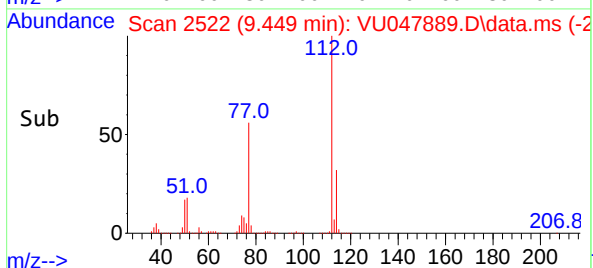
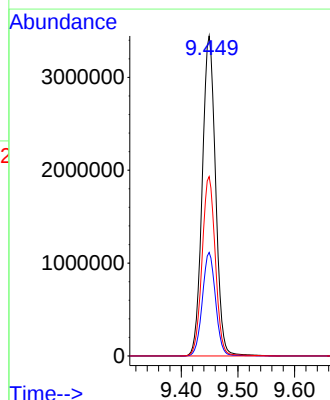
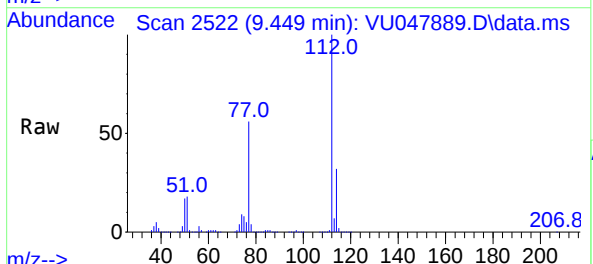
Tgt Ion: 78 Resp: 4807502

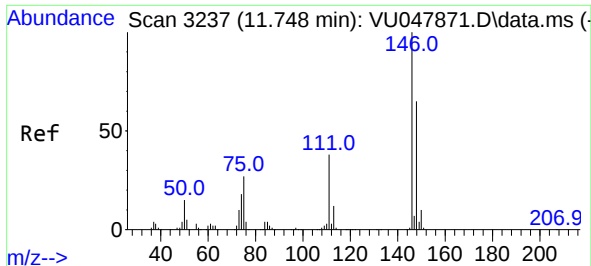


#51
Chlorobenzene
Concen: 771.046 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047889.D
Acq: 08 Apr 2022 23:56

Tgt Ion: 112 Resp: 5624771

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.1	41.1
77	56.1	43.4	65.0

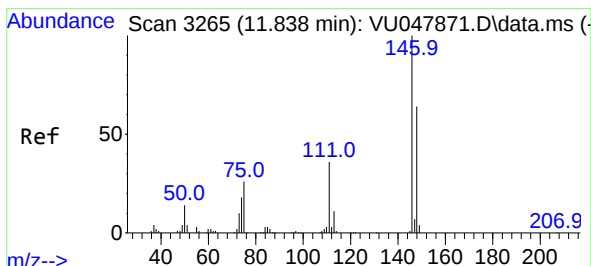
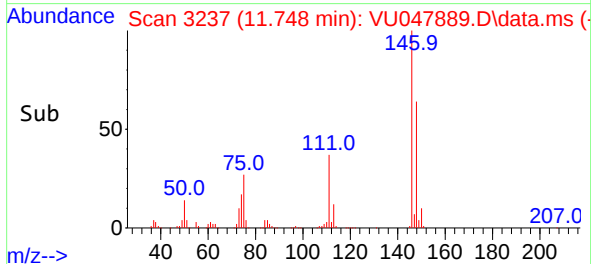
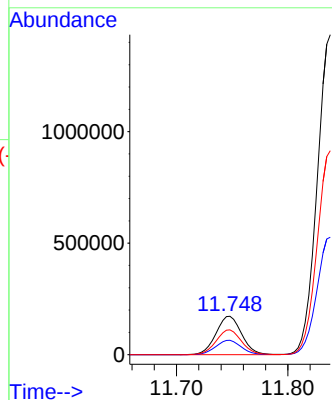
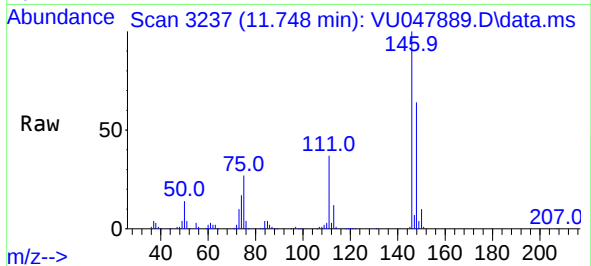




#64
1,3-Dichlorobenzene
Concen: 48.738 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047889.D
Acq: 08 Apr 2022 23:56

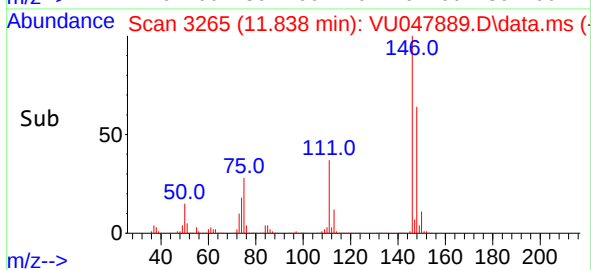
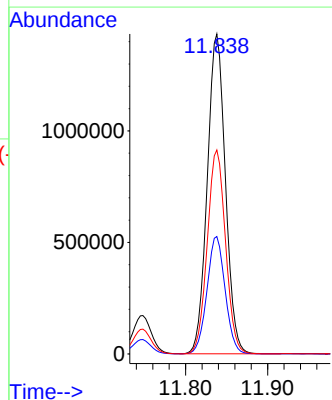
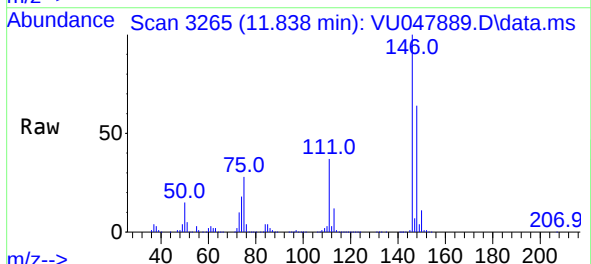
Instrument :
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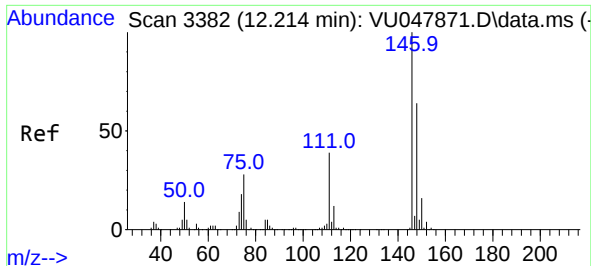
Tgt Ion:146 Resp: 274791
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.7
148 64.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 376.972 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047889.D
Acq: 08 Apr 2022 23:56

Tgt Ion:146 Resp: 2201478
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 63.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 425.912 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047889.D

Acq: 08 Apr 2022 23:56

Instrument :

MSVOA_U

ClientSampleId :

C0J73

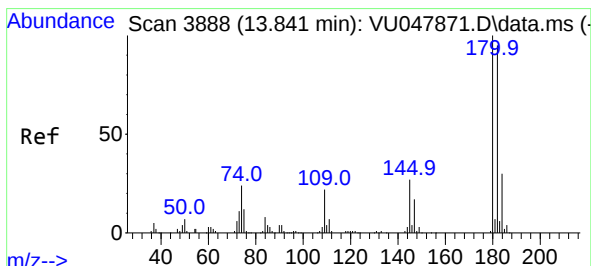
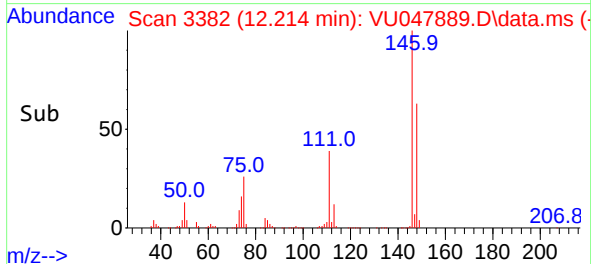
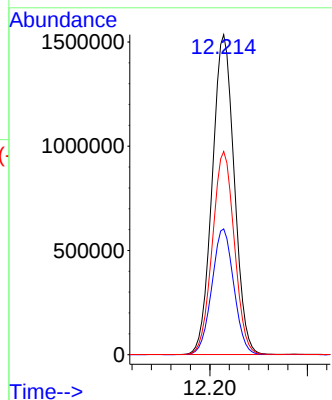
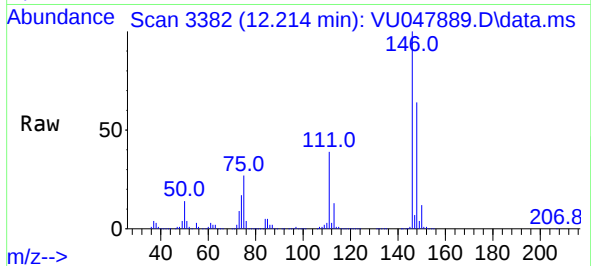
Tgt Ion:146 Resp: 2402753

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 63.5 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 120.719 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047889.D

Acq: 08 Apr 2022 23:56

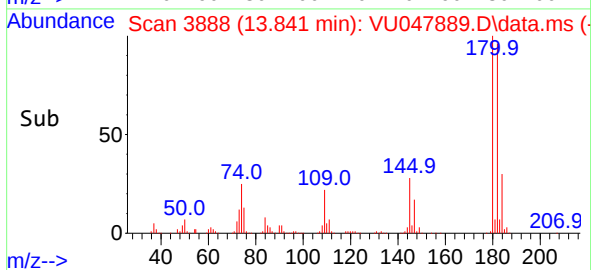
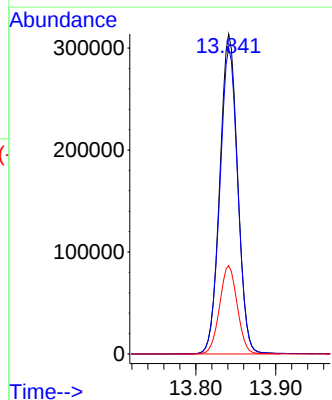
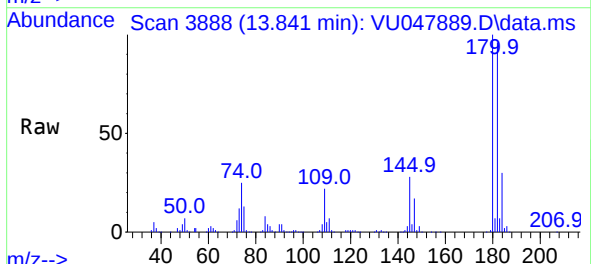
Tgt Ion:180 Resp: 484169

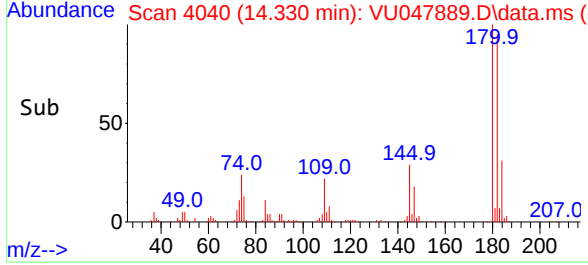
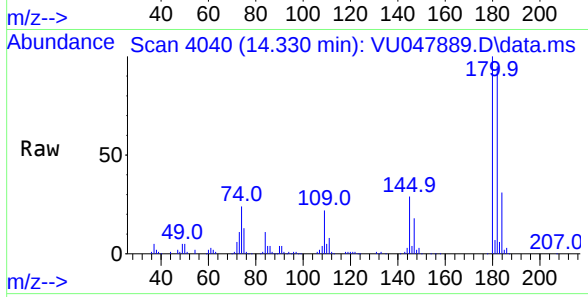
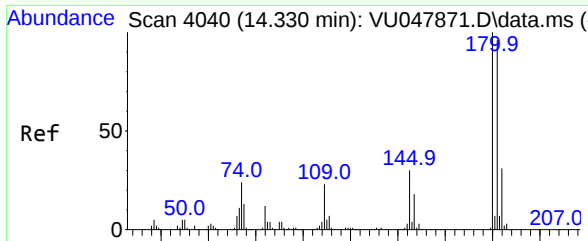
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 27.4 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 51.931 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU047889.D
 Acq: 08 Apr 2022 23:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J73

Tgt Ion:	180	Resp:	208798
Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.4	116.0
145	29.3	22.8	34.2

