

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057848.D
 Acq On : 07 Feb 2024 18:24
 Operator : MD/SY
 Sample : P1081-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B44

Quant Time: Feb 08 01:29:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:18:21 2024
 Response via : Initial Calibration

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

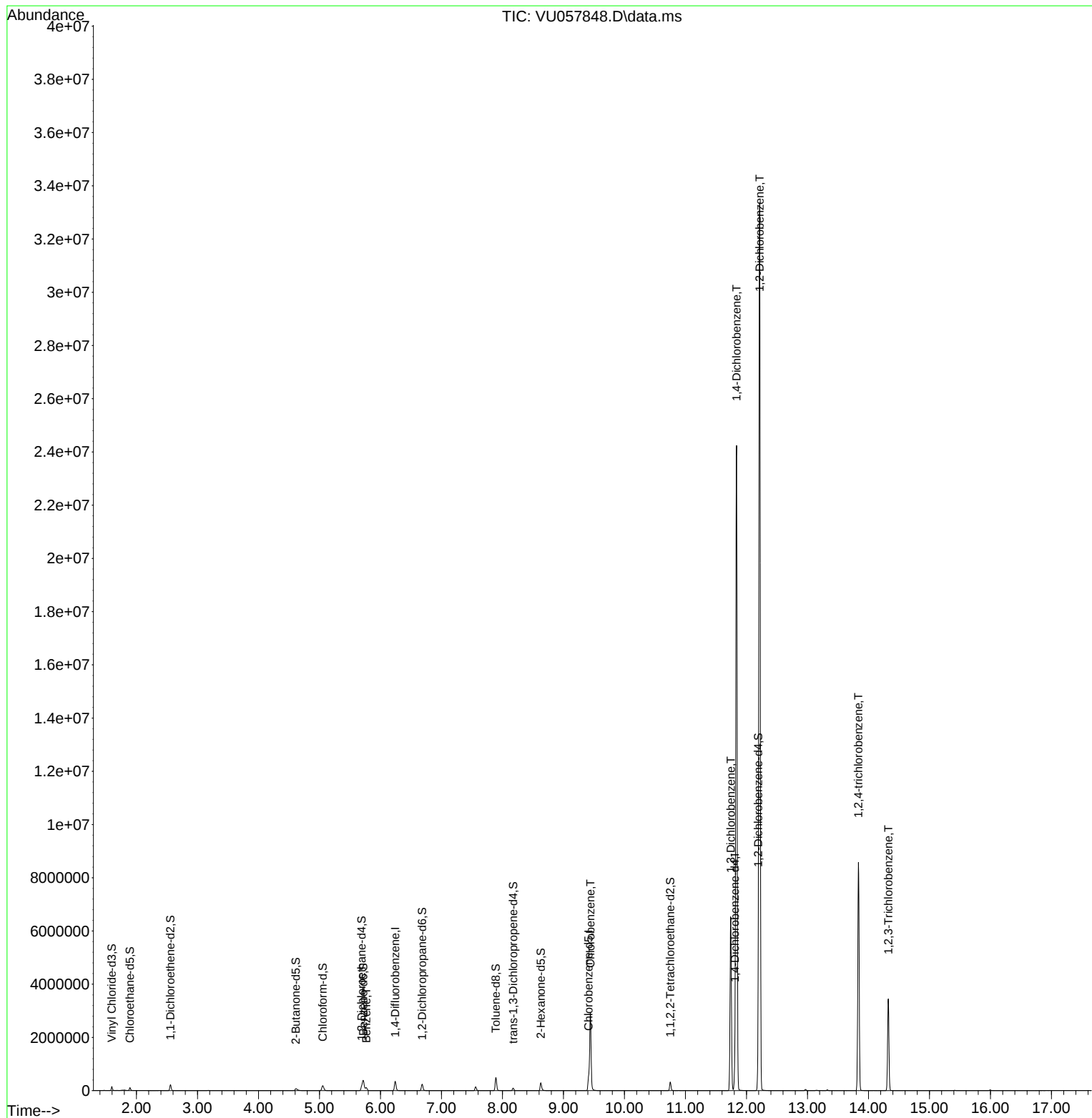
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	278329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	264530	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	140331	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	106354	47.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.480%
7) Chloroethane-d5	1.891	69	81022	46.881	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.760%
11) 1,1-Dichloroethene-d2	2.557	63	135442	33.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.200%
21) 2-Butanone-d5	4.612	46	104264	84.332	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.330%
24) Chloroform-d	5.052	84	174386	44.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.260%
26) 1,2-Dichloroethane-d4	5.692	65	117581	46.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
32) Benzene-d6	5.718	84	361796	45.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	6.682	67	115078	45.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	7.891	98	319747	44.133	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.260%
43) trans-1,3-Dichloroprop...	8.174	79	57278	46.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.800%
47) 2-Hexanone-d5	8.628	63	102147	99.161	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	163662	49.818	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.640%
66) 1,2-Dichlorobenzene-d4	12.193	152	124138	46.045	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
33) Benzene	5.769	78	109687	13.099	ug/L	100
51) Chlorobenzene	9.441	112	1519286	272.762	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	2473987	556.968	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	9103756	1998.166	ug/L	99
67) 1,2-Dichlorobenzene	12.216	146	12653895	2825.914	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	2393061	895.455	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	954038	381.522	ug/L	100

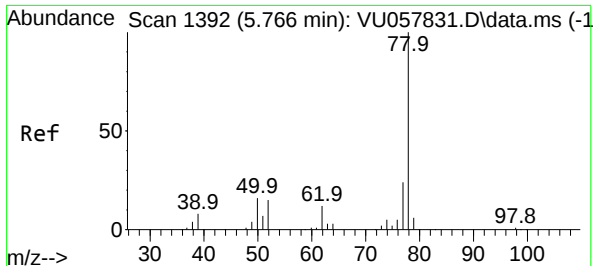
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 08 01:18:21 2024
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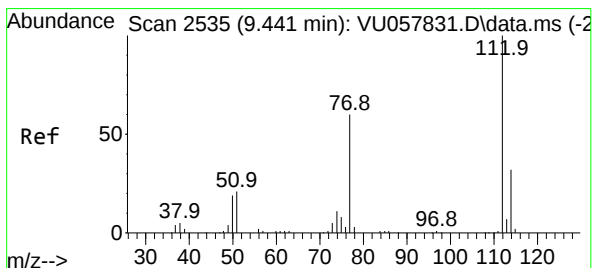
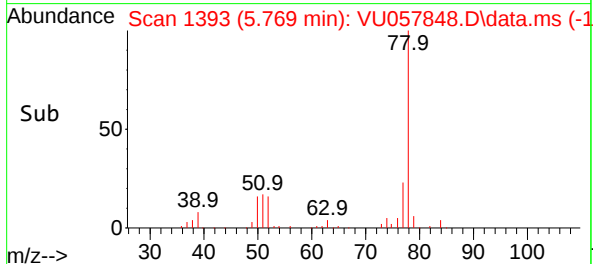
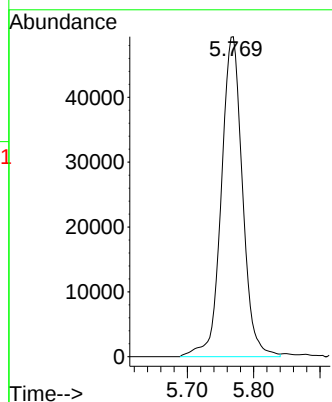
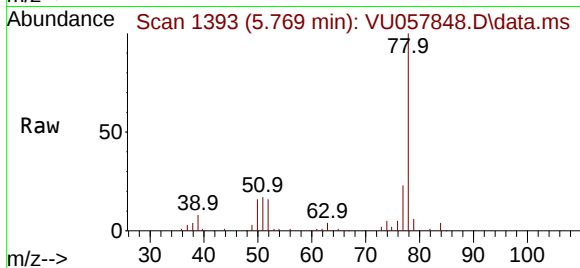




#33
Benzene
Concen: 13.099 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

Instrument :
MSVOA_U
ClientSampleId :
C0B44

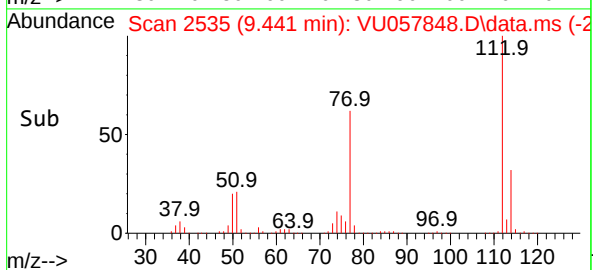
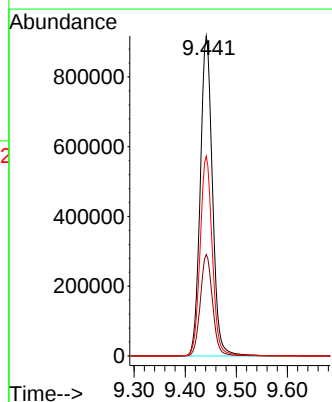
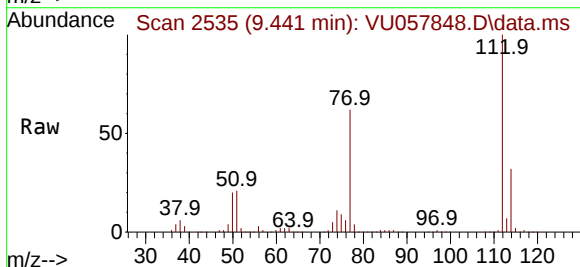
Tgt Ion: 78 Resp: 109687

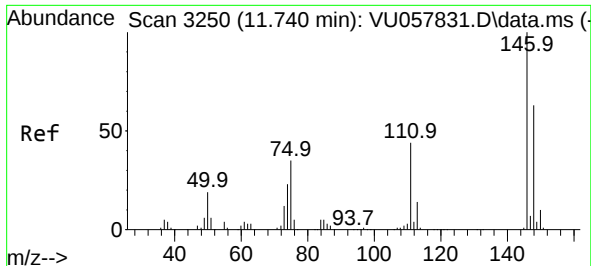


#51
Chlorobenzene
Concen: 272.762 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

Tgt Ion:112 Resp: 1519286

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.0	41.0
77	62.5	48.2	72.4

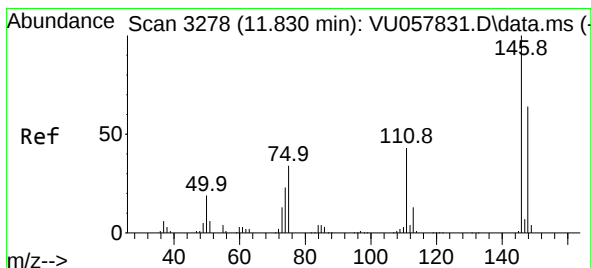
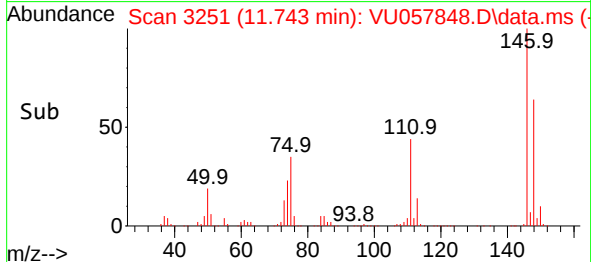
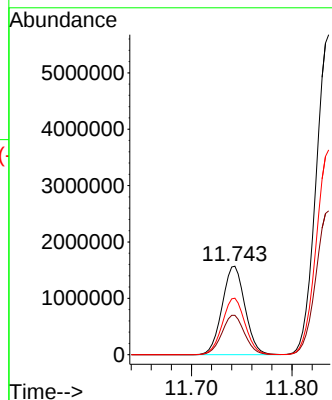
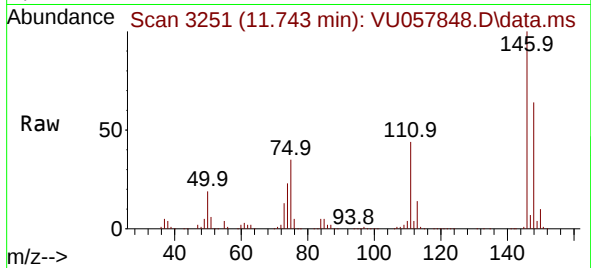




#64
1,3-Dichlorobenzene
Concen: 556.968 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

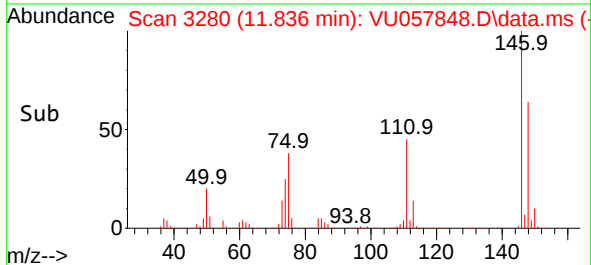
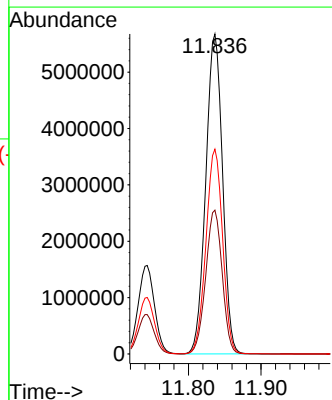
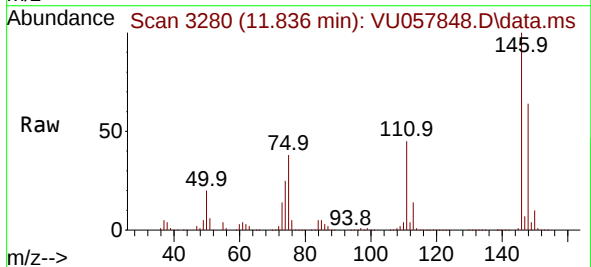
Instrument :
MSVOA_U
ClientSampleId :
C0B44

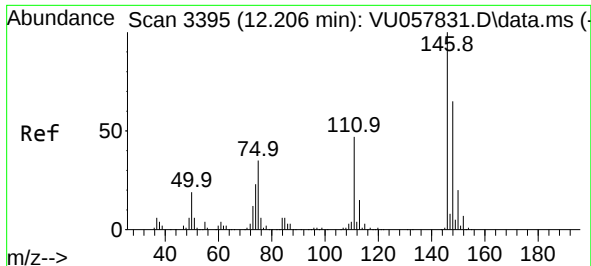
Tgt Ion:146 Resp: 2473987
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.7
148 63.9 46.8 86.8



#65
1,4-Dichlorobenzene
Concen: 1998.166 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.006 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

Tgt Ion:146 Resp: 9103756
Ion Ratio Lower Upper
146 100
111 44.9 30.5 56.7
148 64.0 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 2825.914 ug/L

RT: 12.216 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU057848.D

Acq: 07 Feb 2024 18:24

Instrument :

MSVOA_U

ClientSampleId :

C0B44

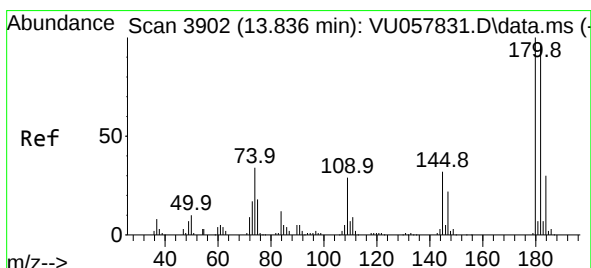
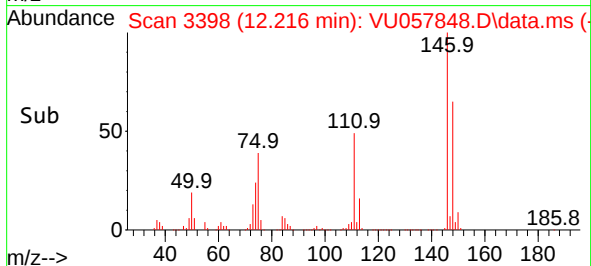
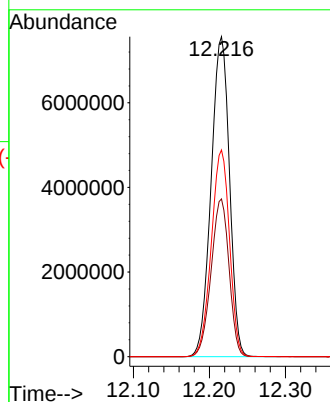
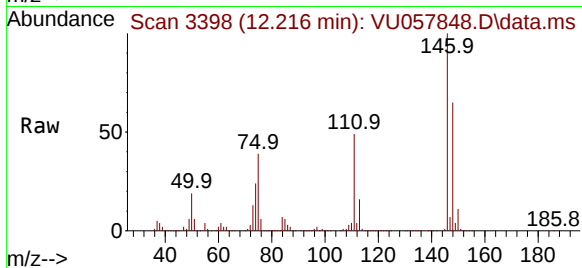
Tgt Ion:146 Resp:12653895

Ion Ratio Lower Upper

146 100

111 49.3 37.8 56.8

148 64.6 51.7 77.5



#70

1,2,4-trichlorobenzene

Concen: 895.455 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057848.D

Acq: 07 Feb 2024 18:24

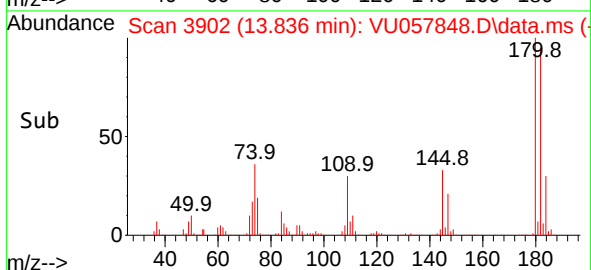
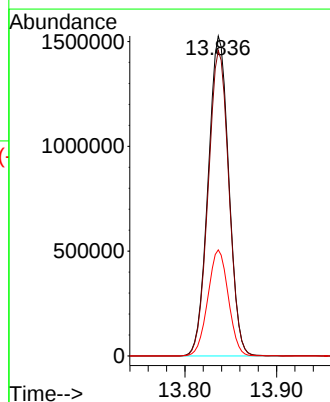
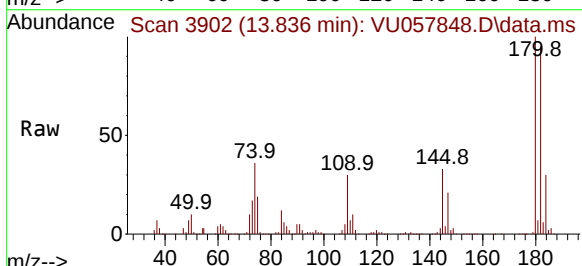
Tgt Ion:180 Resp: 2393061

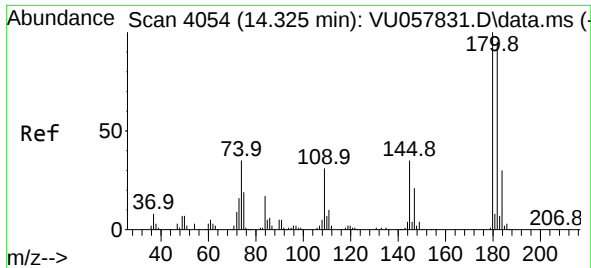
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

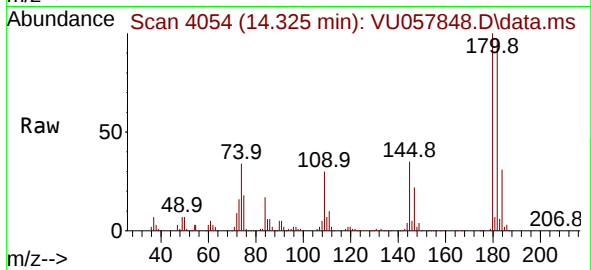
145 32.9 25.5 38.3





#72
 1,2,3-Trichlorobenzene
 Concen: 381.522 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.000 min
 Lab File: VU057848.D
 Acq: 07 Feb 2024 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B44



Tgt Ion:	180	Resp:	954038
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	34.5	27.7	41.5

