

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048233.D
 Acq On : 22 Apr 2022 18:32
 Operator : SY/MD
 Sample : N2486-13 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J49

Quant Time: Apr 22 22:04:33 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)

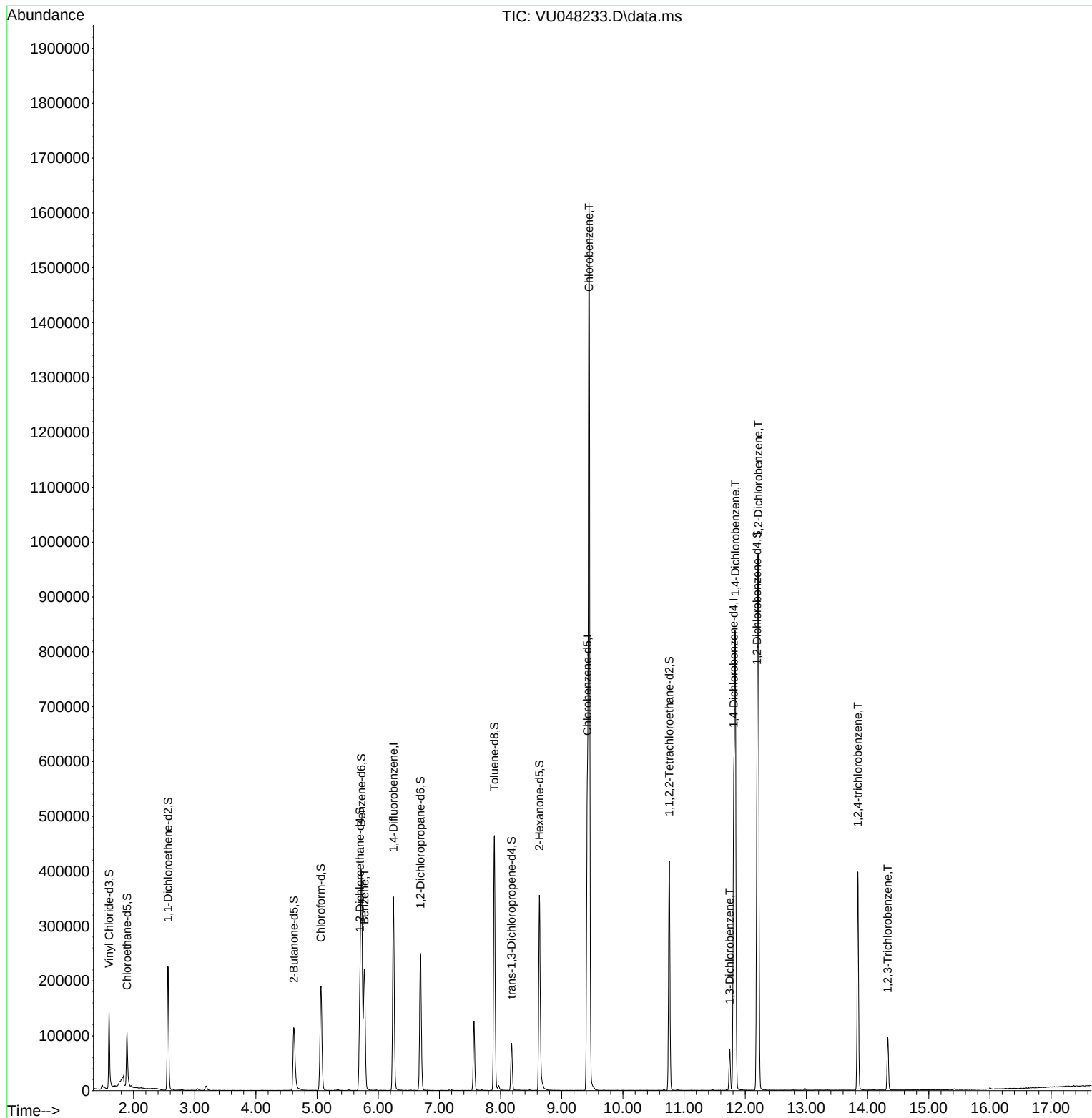
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	295896	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	312428	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108304	50.474	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	100.940%	
7) Chloroethane-d5	1.893	69	83335	49.255	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	98.500%	
11) 1,1-Dichloroethene-d2	2.562	63	130943	33.354	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	66.700%	
21) 2-Butanone-d5	4.620	46	170718	92.694	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	92.690%	
24) Chloroform-d	5.063	84	179264	45.659	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.320%	
26) 1,2-Dichloroethane-d4	5.700	65	114510	47.555	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	95.100%	
32) Benzene-d6	5.726	84	378601	48.158	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.320%	
36) 1,2-Dichloropropane-d6	6.690	67	125556	52.004	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	104.000%	
41) Toluene-d8	7.899	98	317928	41.508	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	83.020%	
43) trans-1,3-Dichloroprop...	8.179	79	48891	39.971	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	79.940%	
47) 2-Hexanone-d5	8.636	63	118880	84.111	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	84.110%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206091	49.739	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	99.480%	
66) 1,2-Dichlorobenzene-d4	12.195	152	140393	51.418	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.840%	
Target Compounds						
						Qvalue
33) Benzene	5.774	78	217355	24.035	ug/L	100
51) Chlorobenzene	9.446	112	898249	133.323	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	32885	7.133	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	338807	70.951	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	365952	79.331	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	132954	40.541	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	32527	9.894	ug/L	99

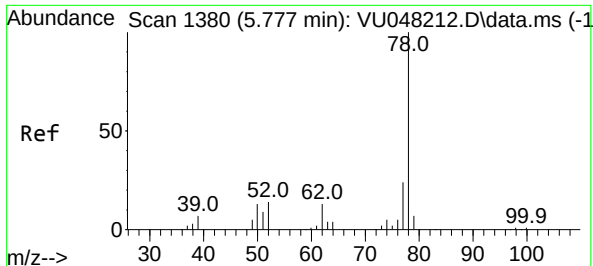
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 24.035 ug/L

RT: 5.774 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048233.D

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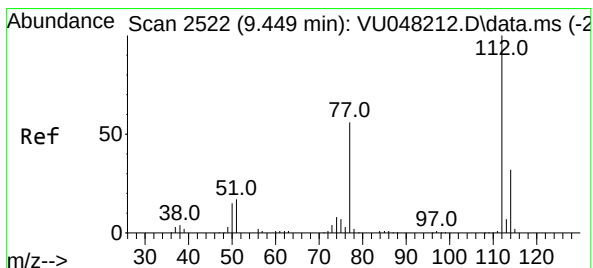
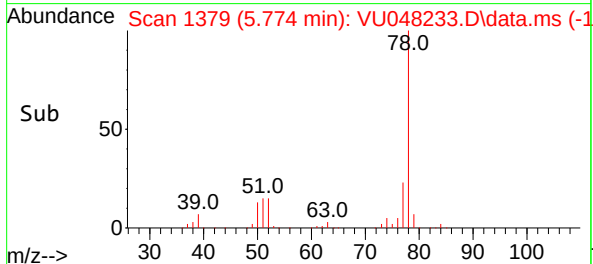
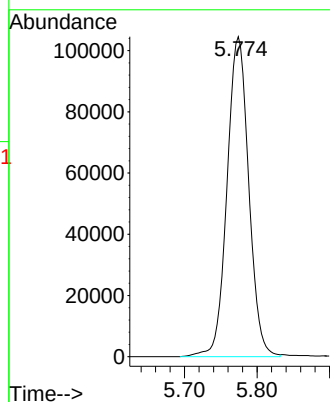
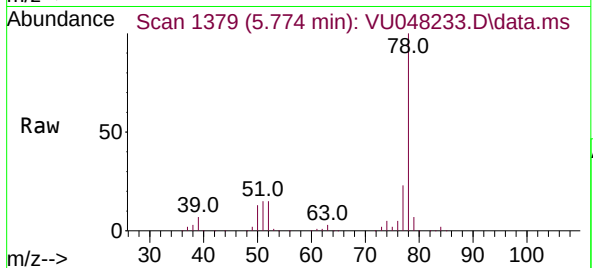
Instrument :

MSVOA_U

ClientSampleId :

C0J49

Tgt Ion: 78 Resp: 217355



#51

Chlorobenzene

Concen: 133.323 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048233.D

Acq: 22 Apr 2022 18:32

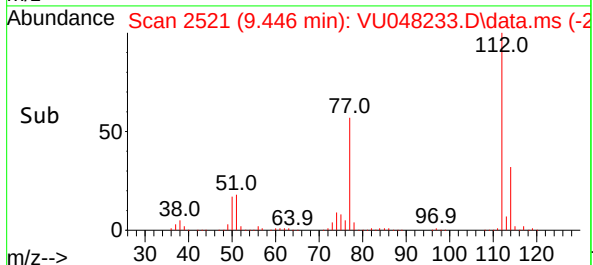
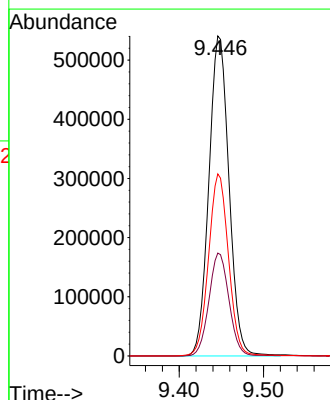
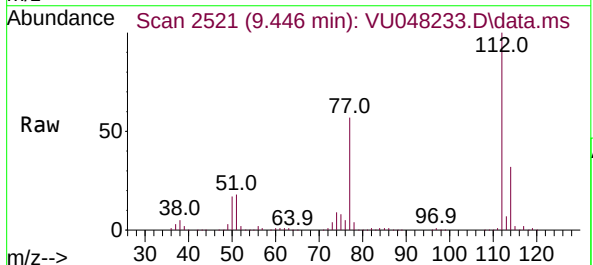
Tgt Ion: 112 Resp: 898249

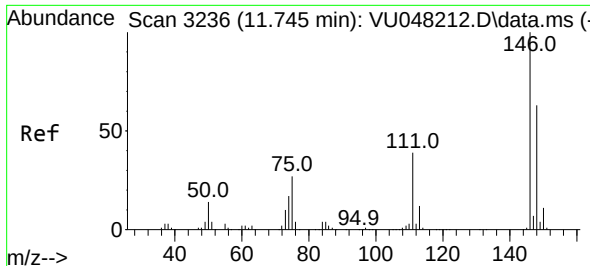
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 56.9 43.4 65.0

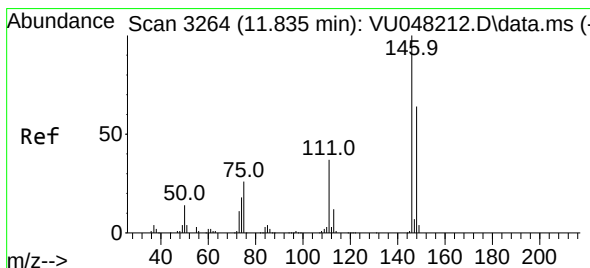
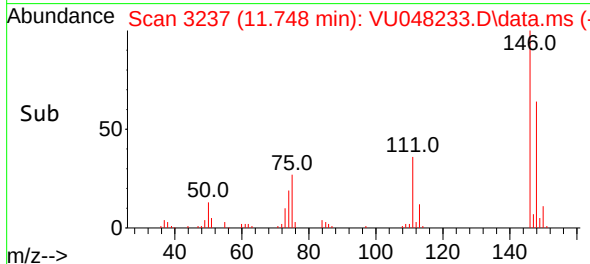
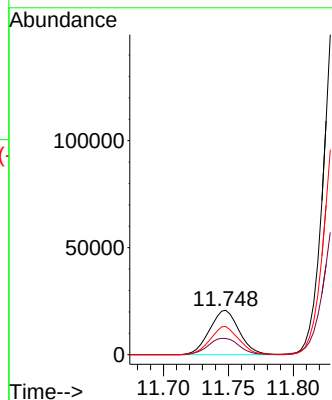
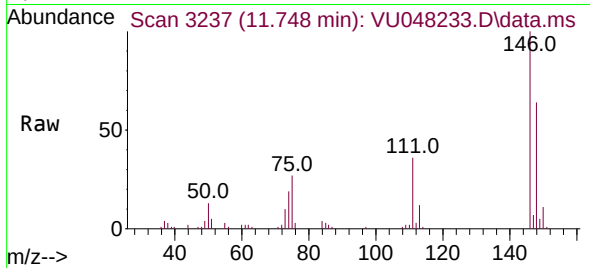




#64
1,3-Dichlorobenzene
Concen: 7.133 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

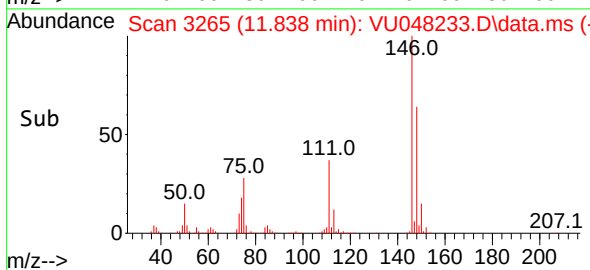
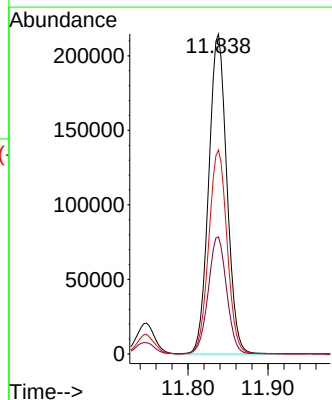
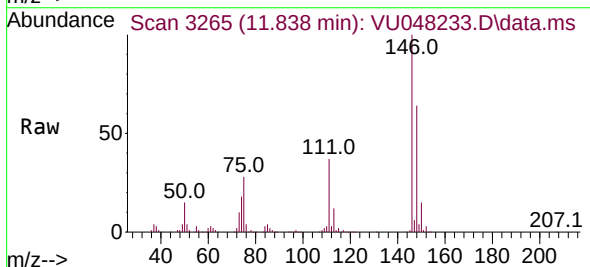
Instrument :
MSVOA_U
ClientSampleId :
C0J49

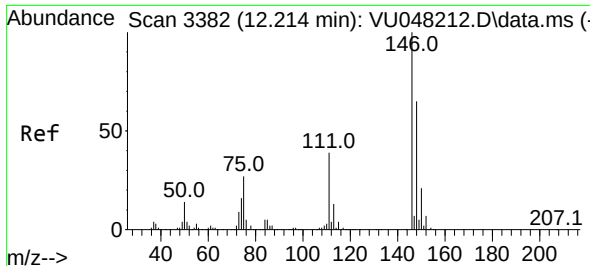
Tgt Ion:146 Resp: 32885
Ion Ratio Lower Upper
146 100
111 36.5 26.7 49.7
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 70.951 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

Tgt Ion:146 Resp: 338807
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 63.7 44.5 82.7

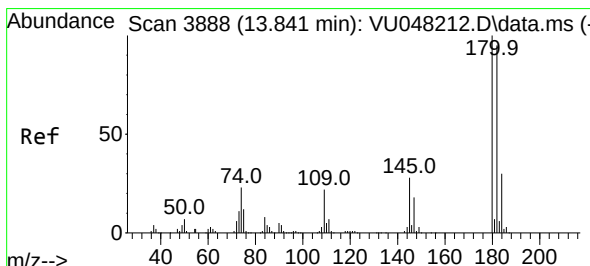
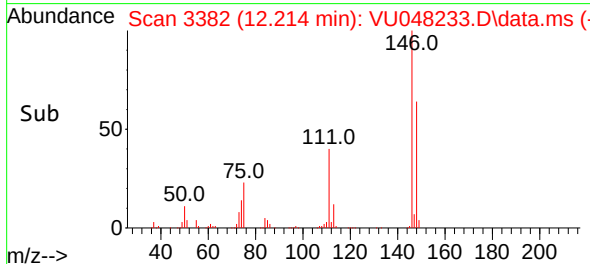
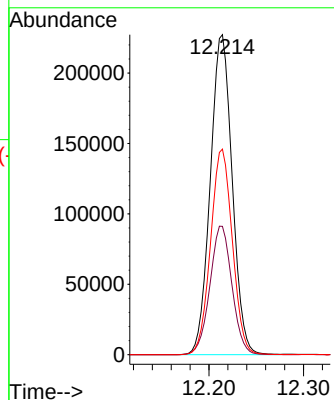
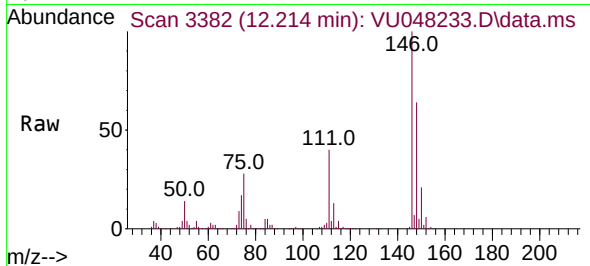




#67
1,2-Dichlorobenzene
Concen: 79.331 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

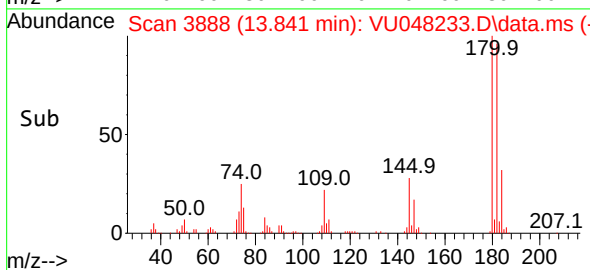
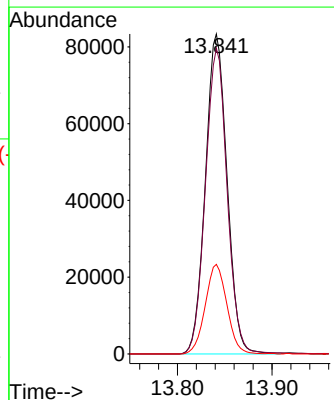
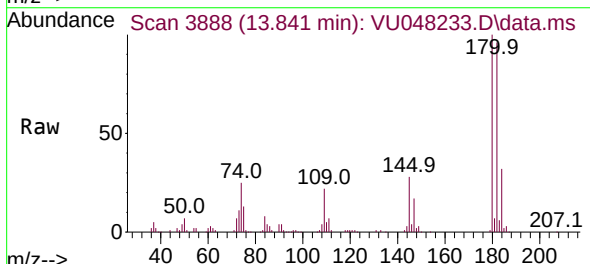
Instrument :
MSVOA_U
ClientSampleId :
C0J49

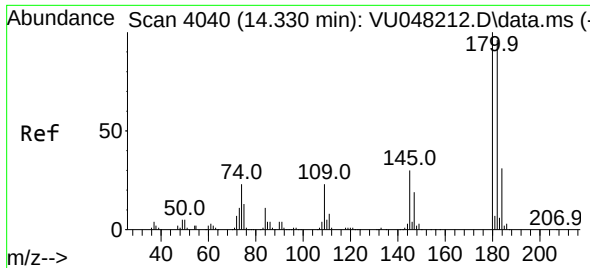
Tgt Ion:146 Resp: 365952
Ion Ratio Lower Upper
146 100
111 40.1 31.7 47.5
148 64.2 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 40.541 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048233.D
Acq: 22 Apr 2022 18:32

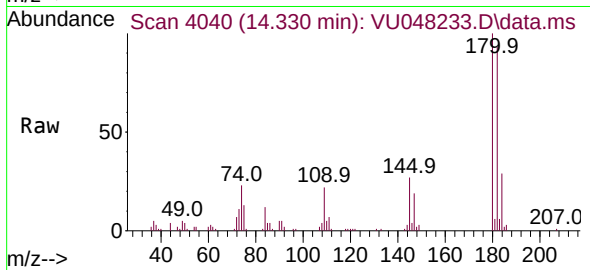
Tgt Ion:180 Resp: 132954
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
145 27.9 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 9.894 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: VU048233.D
 Acq: 22 Apr 2022 18:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J49



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.0
145	30.3	22.8	34.2

