

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048222.D
 Acq On : 22 Apr 2022 14:10
 Operator : SY/MD
 Sample : N2485-14DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21DL

Quant Time: Apr 22 22:01:50 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)

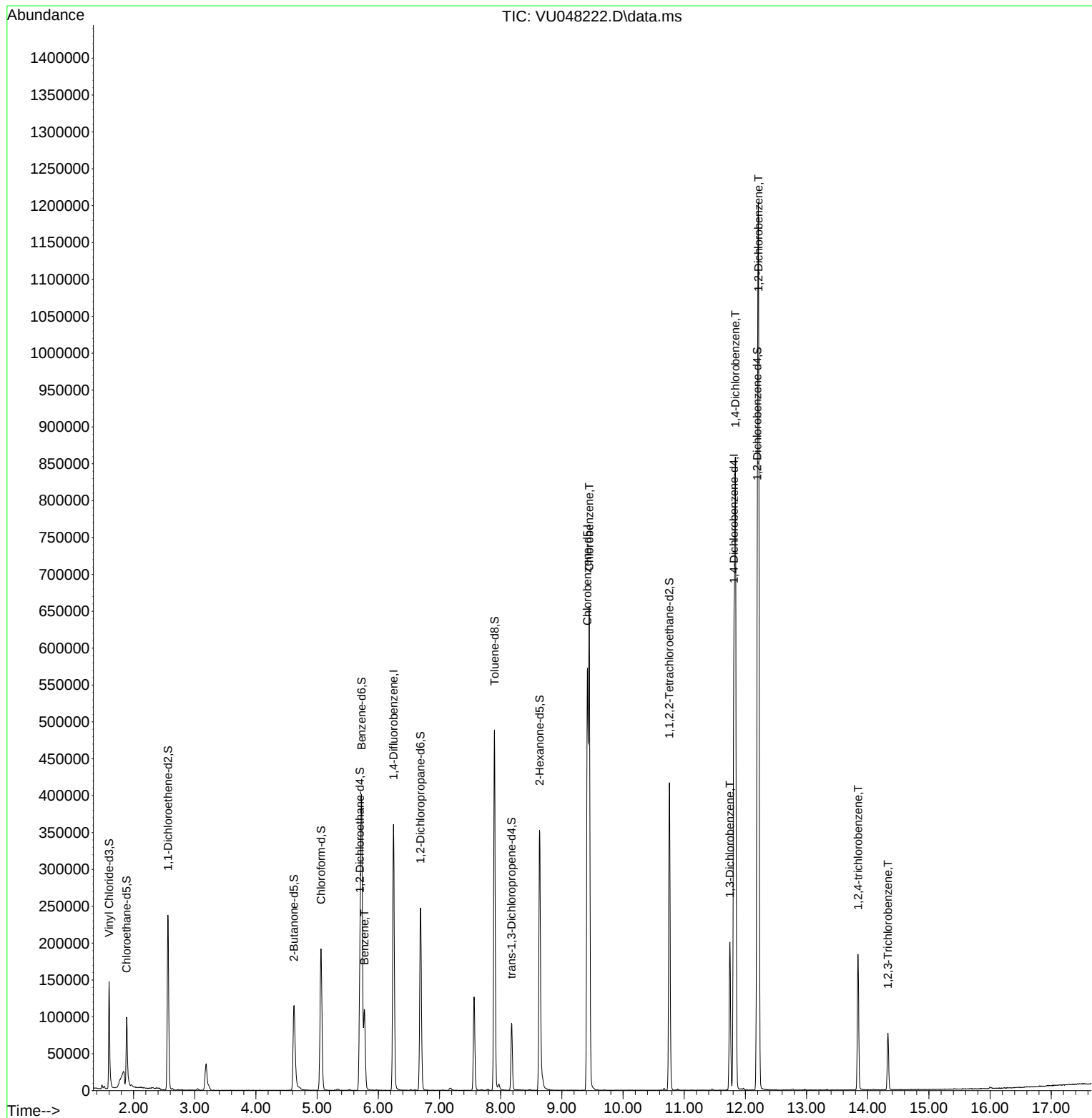
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304489	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324023	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	166776	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	114648	51.923	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	103.840%	
7) Chloroethane-d5	1.887	69	83654	48.048	ug/L	-0.03
Spiked Amount 50.000	Range 70	- 130	Recovery	=	96.100%	
11) 1,1-Dichloroethene-d2	2.562	63	137939	34.145	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	68.280%	
21) 2-Butanone-d5	4.620	46	170190	89.800	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	89.800%	
24) Chloroform-d	5.063	84	181060	44.815	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.640%	
26) 1,2-Dichloroethane-d4	5.700	65	114555	46.231	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.460%	
32) Benzene-d6	5.726	84	382871	46.959	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.920%	
36) 1,2-Dichloropropane-d6	6.690	67	124614	49.767	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	99.540%	
41) Toluene-d8	7.899	98	329526	41.482	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	82.960%	
43) trans-1,3-Dichloroprop...	8.179	79	50330	39.675	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	79.360%	
47) 2-Hexanone-d5	8.636	63	126082	86.015	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	86.010%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210246	48.926	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	97.860%	
66) 1,2-Dichlorobenzene-d4	12.195	152	149214	50.289	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.580%	
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	104447	11.136	ug/L	100
51) Chlorobenzene	9.449	112	360914	51.652	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	86587	17.283	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	341718	65.852	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	466702	93.102	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	61800	17.341	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	26067	7.296	ug/L	99

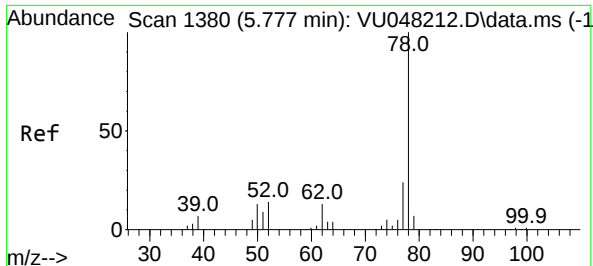
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 11.136 ug/L

RT: 5.774 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048222.D

Acq: 22 Apr 2022 14:10

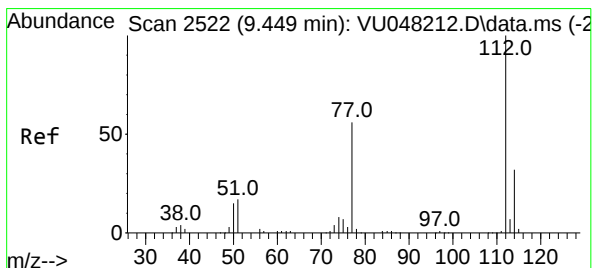
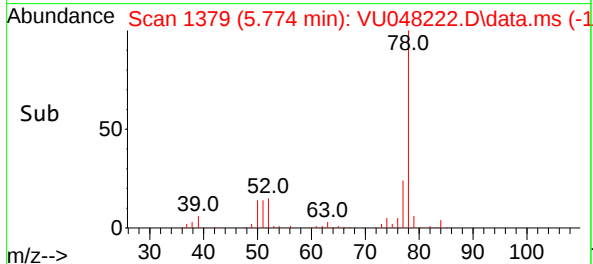
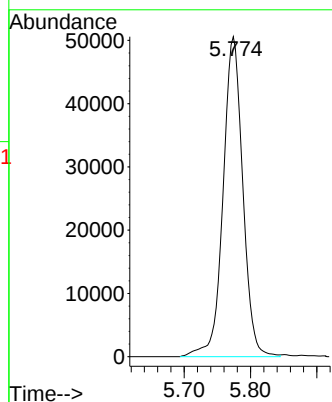
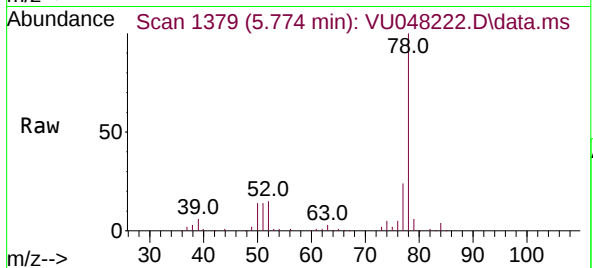
Instrument :

MSVOA_U

ClientSampleId :

C0J21DL

Tgt Ion: 78 Resp: 104447



#51

Chlorobenzene

Concen: 51.652 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048222.D

Acq: 22 Apr 2022 14:10

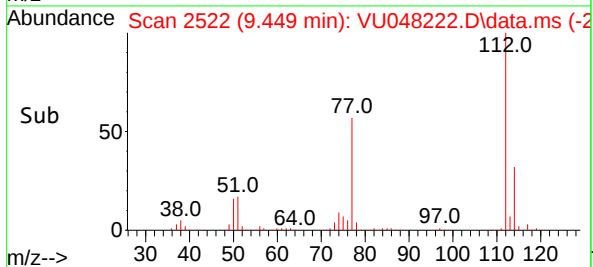
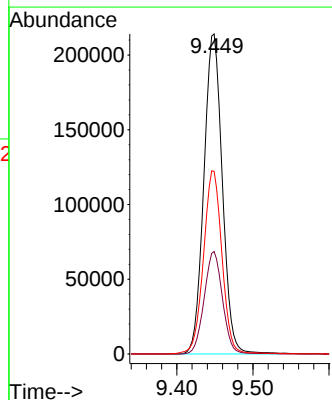
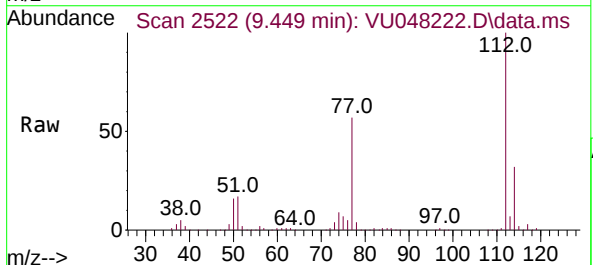
Tgt Ion: 112 Resp: 360914

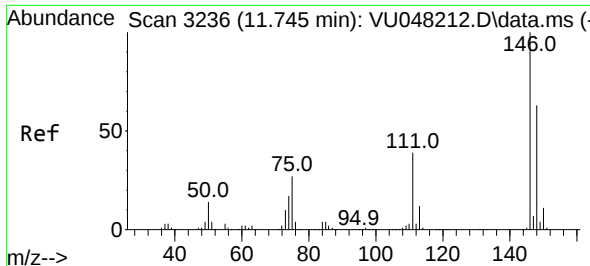
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 57.1 43.4 65.0

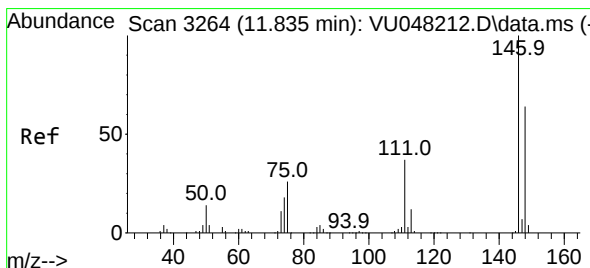
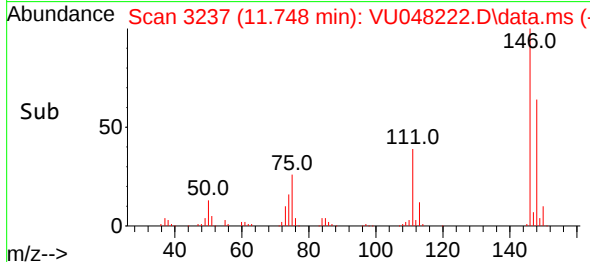
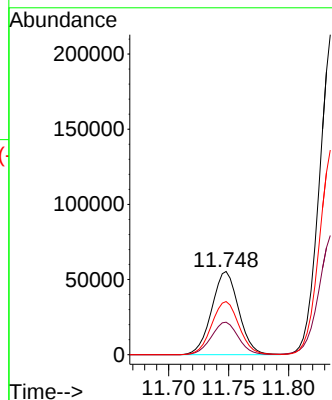
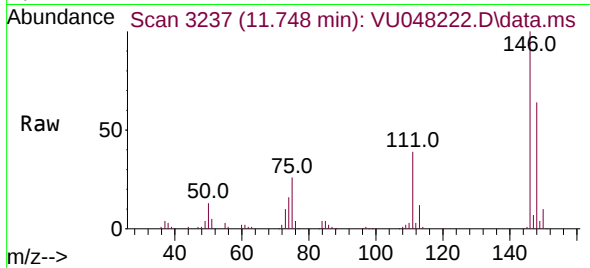




#64
1,3-Dichlorobenzene
Concen: 17.283 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048222.D
Acq: 22 Apr 2022 14:10

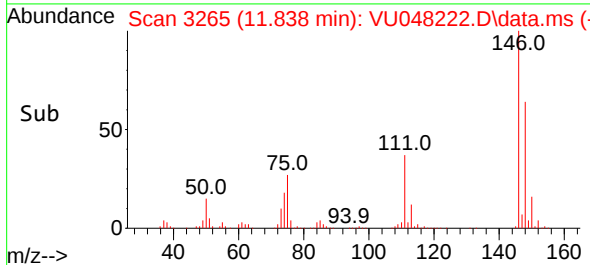
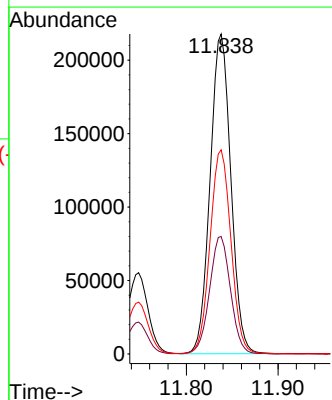
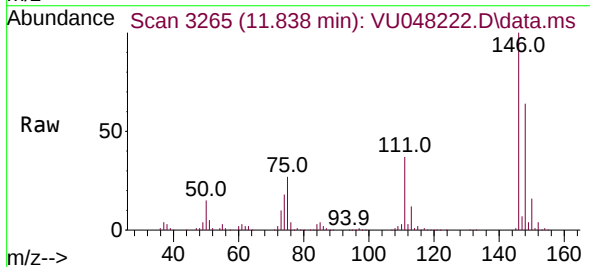
Instrument :
MSVOA_U
ClientSampleId :
C0J21DL

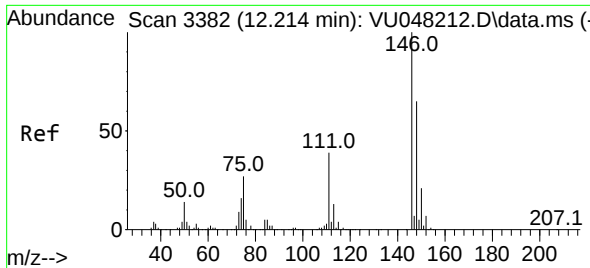
Tgt Ion:146 Resp: 86587
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 65.852 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048222.D
Acq: 22 Apr 2022 14:10

Tgt Ion:146 Resp: 341718
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 63.8 44.5 82.7

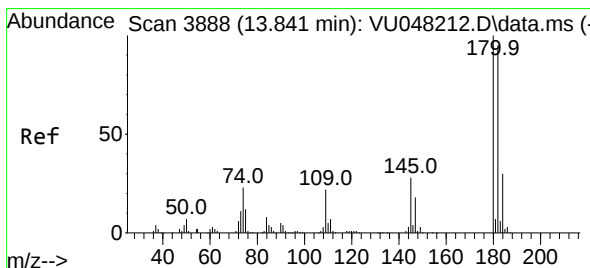
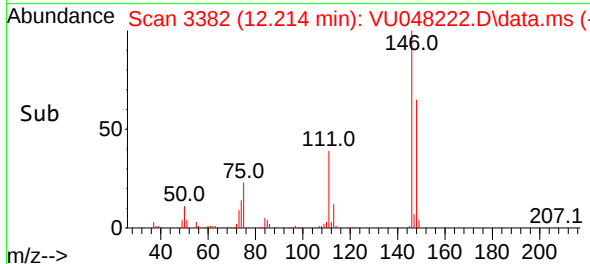
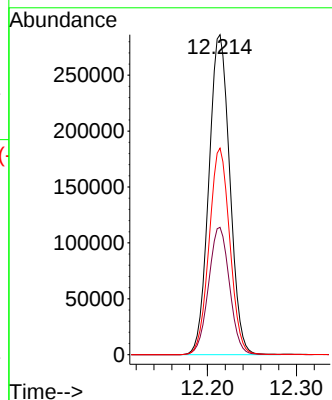
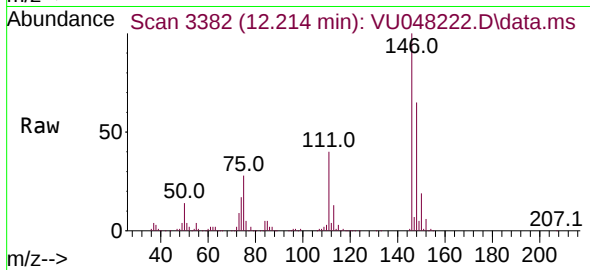




#67
 1,2-Dichlorobenzene
 Concen: 93.102 ug/L
 RT: 12.214 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048222.D
 Acq: 22 Apr 2022 14:10

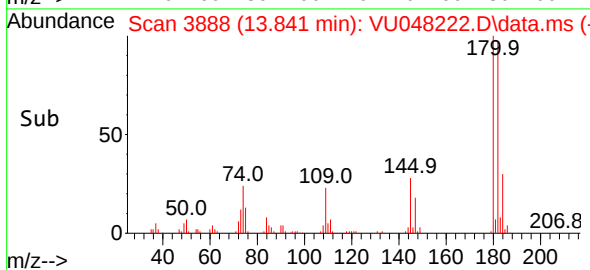
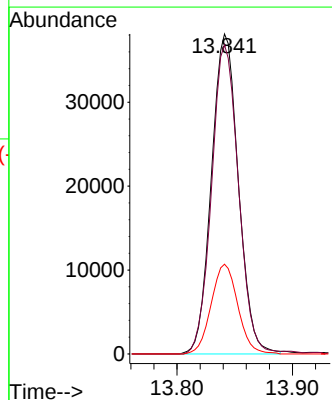
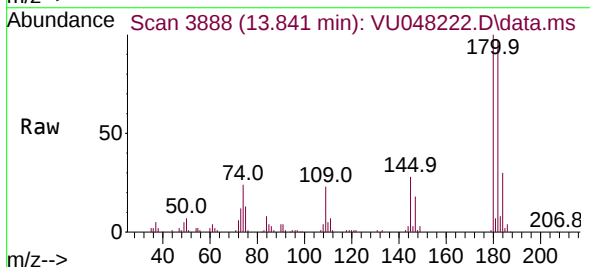
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21DL

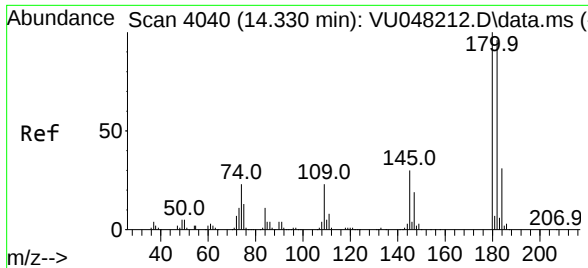
Tgt Ion:146 Resp: 466702
 Ion Ratio Lower Upper
 146 100
 111 39.8 31.7 47.5
 148 64.5 51.4 77.2



#70
 1,2,4-trichlorobenzene
 Concen: 17.341 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048222.D
 Acq: 22 Apr 2022 14:10

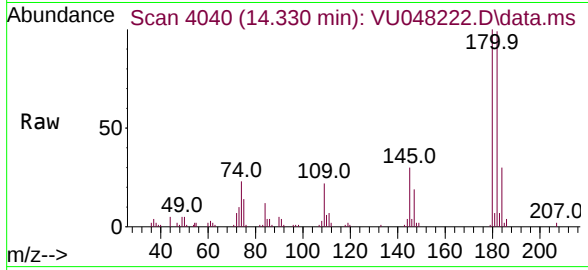
Tgt Ion:180 Resp: 61800
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.2 114.2
 145 27.8 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 7.296 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU048222.D
 Acq: 22 Apr 2022 14:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J21DL



Tgt Ion:	180	Resp:	26067
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.4	116.0
145	28.8	22.8	34.2

