

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042322\
 Data File : VU048245.D
 Acq On : 23 Apr 2022 14:51
 Operator : SY/MD
 Sample : N2488-05DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HX3DL

Quant Time: Apr 25 01:25:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 25 01:24:32 2022
 Response via : Initial Calibration

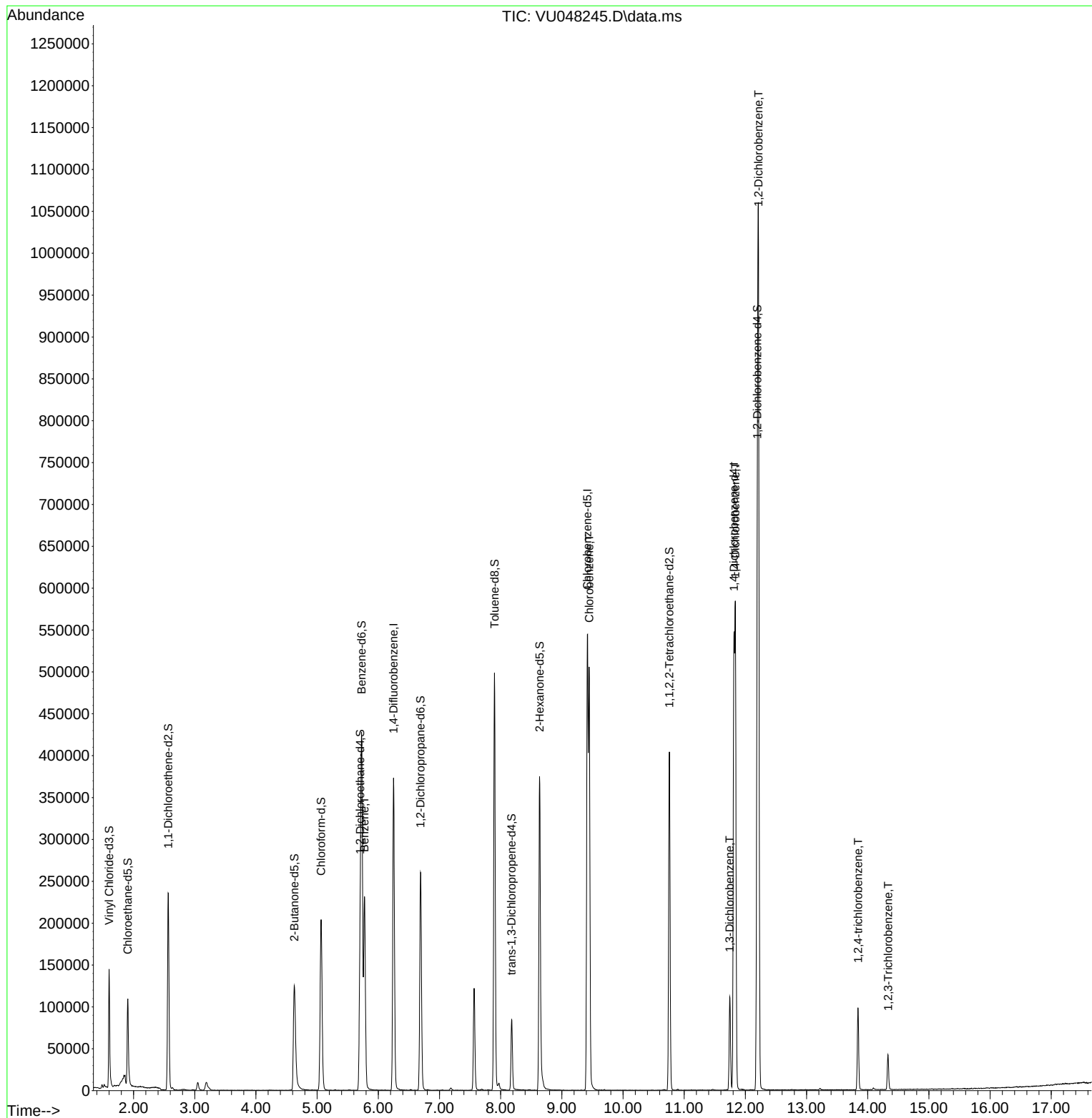
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320844	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	315462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	143503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111313	47.843	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	95.680%	
7) Chloroethane-d5	1.906	69	87108	47.482	ug/L	0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.960%	
11) 1,1-Dichloroethene-d2	2.565	63	137279	32.249	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.500%	
21) 2-Butanone-d5	4.626	46	188517	94.400	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.400%	
24) Chloroform-d	5.063	84	193792	45.522	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.040%	
26) 1,2-Dichloroethane-d4	5.703	65	122459	46.901	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.800%	
32) Benzene-d6	5.729	84	406792	51.247	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.500%	
36) 1,2-Dichloropropane-d6	6.690	67	133521	54.771	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.540%	
41) Toluene-d8	7.899	98	339854	43.944	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.880%	
43) trans-1,3-Dichloroprop...	8.179	79	47037	38.085	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	76.180%	
47) 2-Hexanone-d5	8.636	63	124466	87.217	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.220%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201126	48.074	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.140%	
66) 1,2-Dichlorobenzene-d4	12.195	152	137565	53.882	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.760%	
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	225441	24.689	ug/L	100
51) Chlorobenzene	9.446	112	276493	40.644	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	48563	11.266	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	228981	51.283	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	406855	94.326	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	33190	10.823	ug/L	98
72) 1,2,3-Trichlorobenzene	14.333	180	14914	4.852	ug/L	95

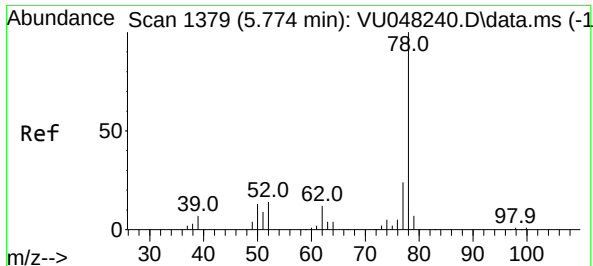
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 25 01:24:32 2022
Response via : Initial Calibration





#33

Benzene

Concen: 24.689 ug/L

RT: 5.774 min Scan# 1

Delta R.T. 0.000 min

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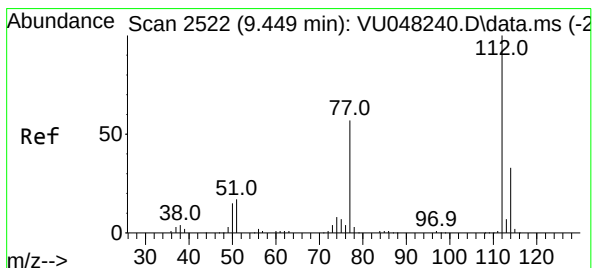
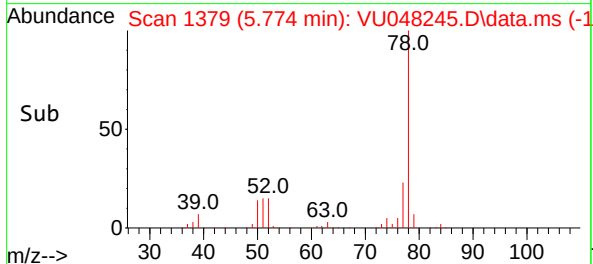
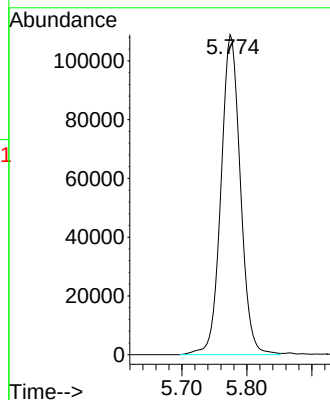
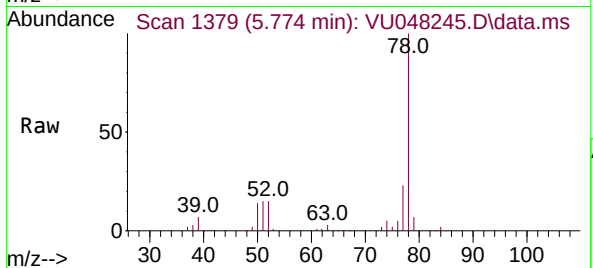
Instrument :

MSVOA_U

ClientSampleId :

C0HX3DL

Tgt Ion: 78 Resp: 225441



#51

Chlorobenzene

Concen: 40.644 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048245.D

Acq: 23 Apr 2022 14:51

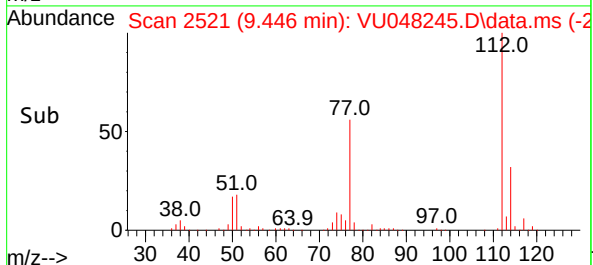
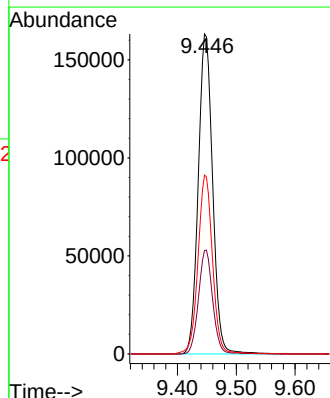
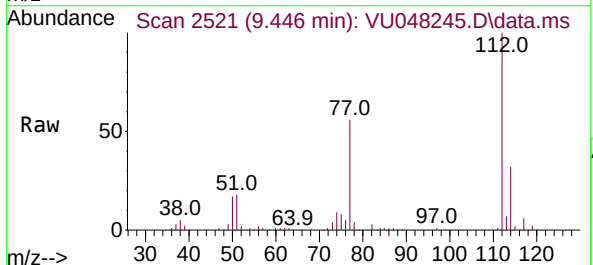
Tgt Ion: 112 Resp: 276493

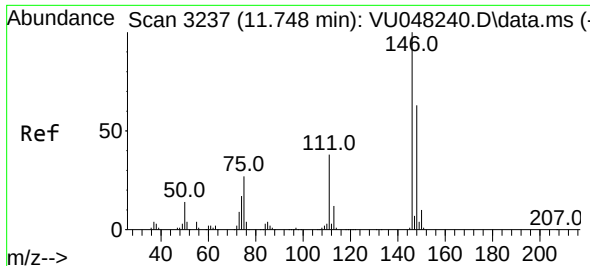
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.9 43.4 65.0

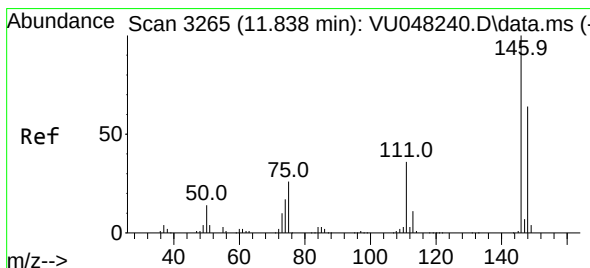
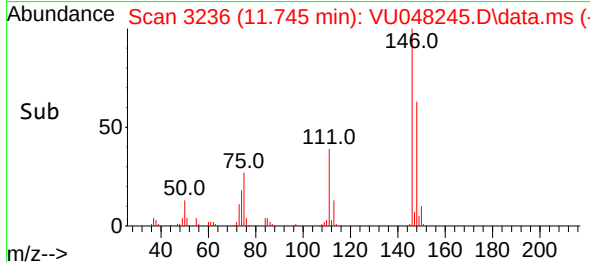
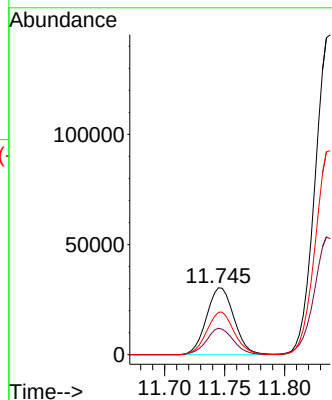
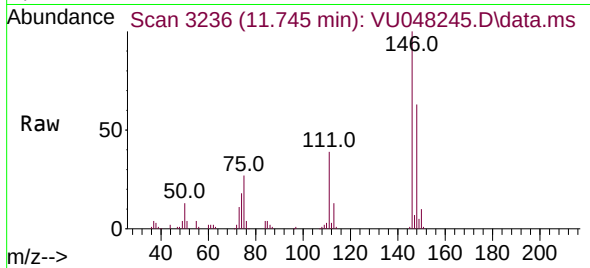




#64
1,3-Dichlorobenzene
Concen: 11.266 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

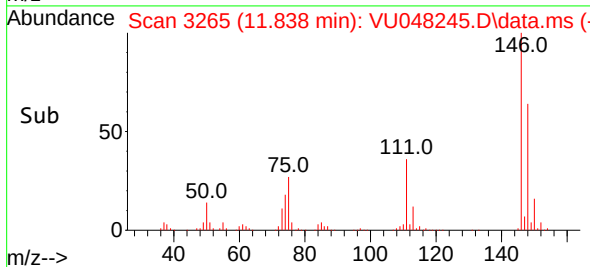
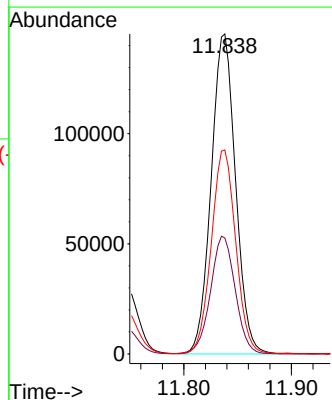
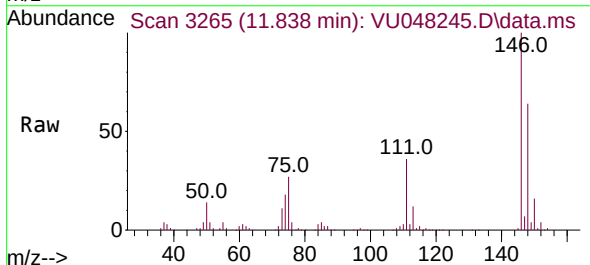
Instrument :
MSVOA_U
ClientSampleId :
C0HX3DL

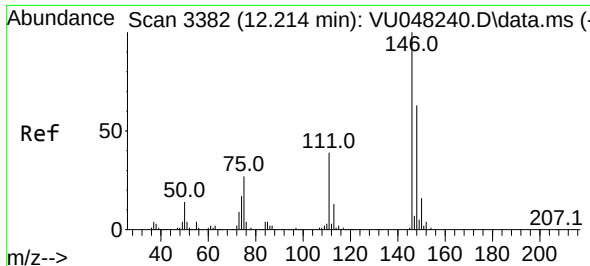
Tgt Ion:146 Resp: 48563
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.7
148 63.4 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.283 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048245.D
Acq: 23 Apr 2022 14:51

Tgt Ion:146 Resp: 228981
Ion Ratio Lower Upper
146 100
111 36.3 25.3 47.1
148 63.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 94.326 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU048245.D

Acq: 23 Apr 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

C0HX3DL

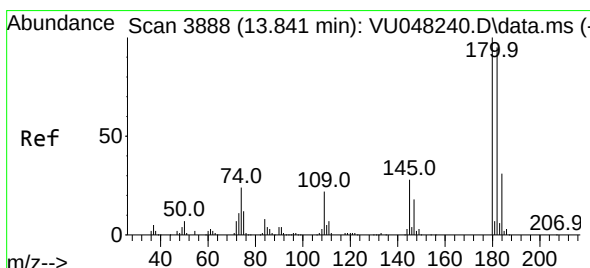
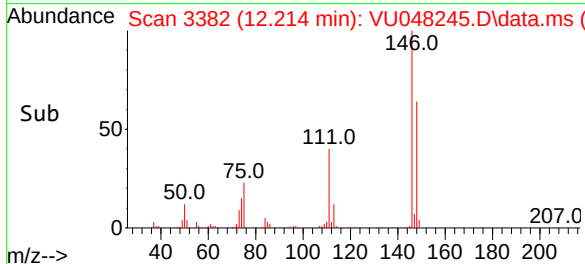
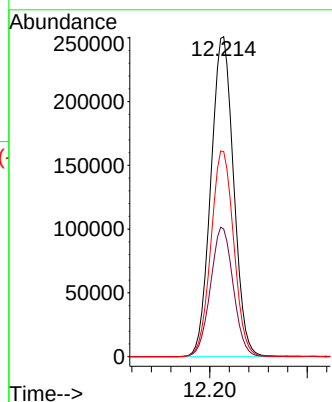
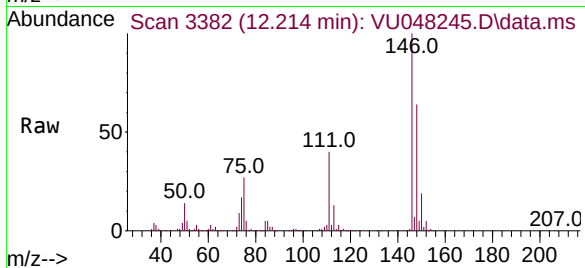
Tgt Ion:146 Resp: 406855

Ion Ratio Lower Upper

146 100

111 39.9 31.7 47.5

148 64.1 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 10.823 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048245.D

Acq: 23 Apr 2022 14:51

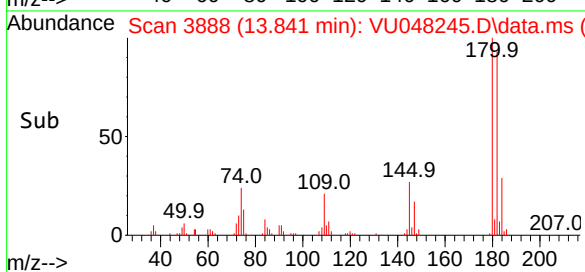
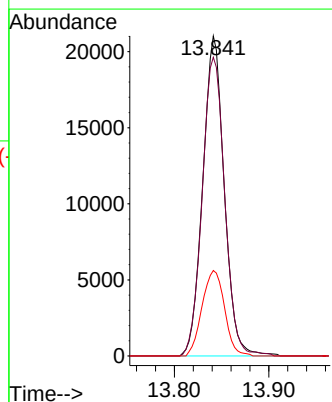
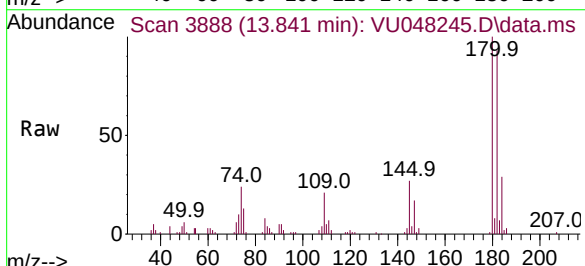
Tgt Ion:180 Resp: 33190

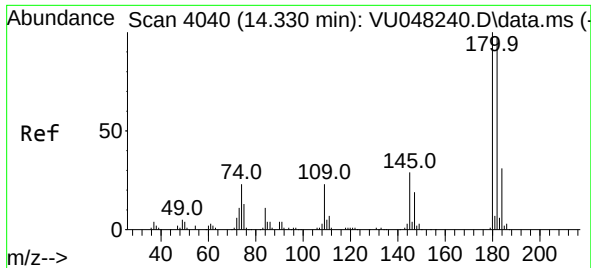
Ion Ratio Lower Upper

180 100

182 96.9 76.2 114.2

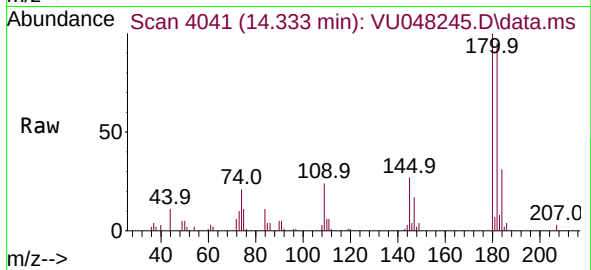
145 27.9 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 4.852 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU048245.D
 Acq: 23 Apr 2022 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HX3DL



Tgt Ion:	180	Resp:	14914
Ion Ratio	Lower	Upper	
180	100		
182	90.6	77.4	116.0
145	29.1	22.8	34.2

