

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048273.D
 Acq On : 25 Apr 2022 17:16
 Operator : SY/MD
 Sample : N2488-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ5

Quant Time: Apr 26 02:45:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

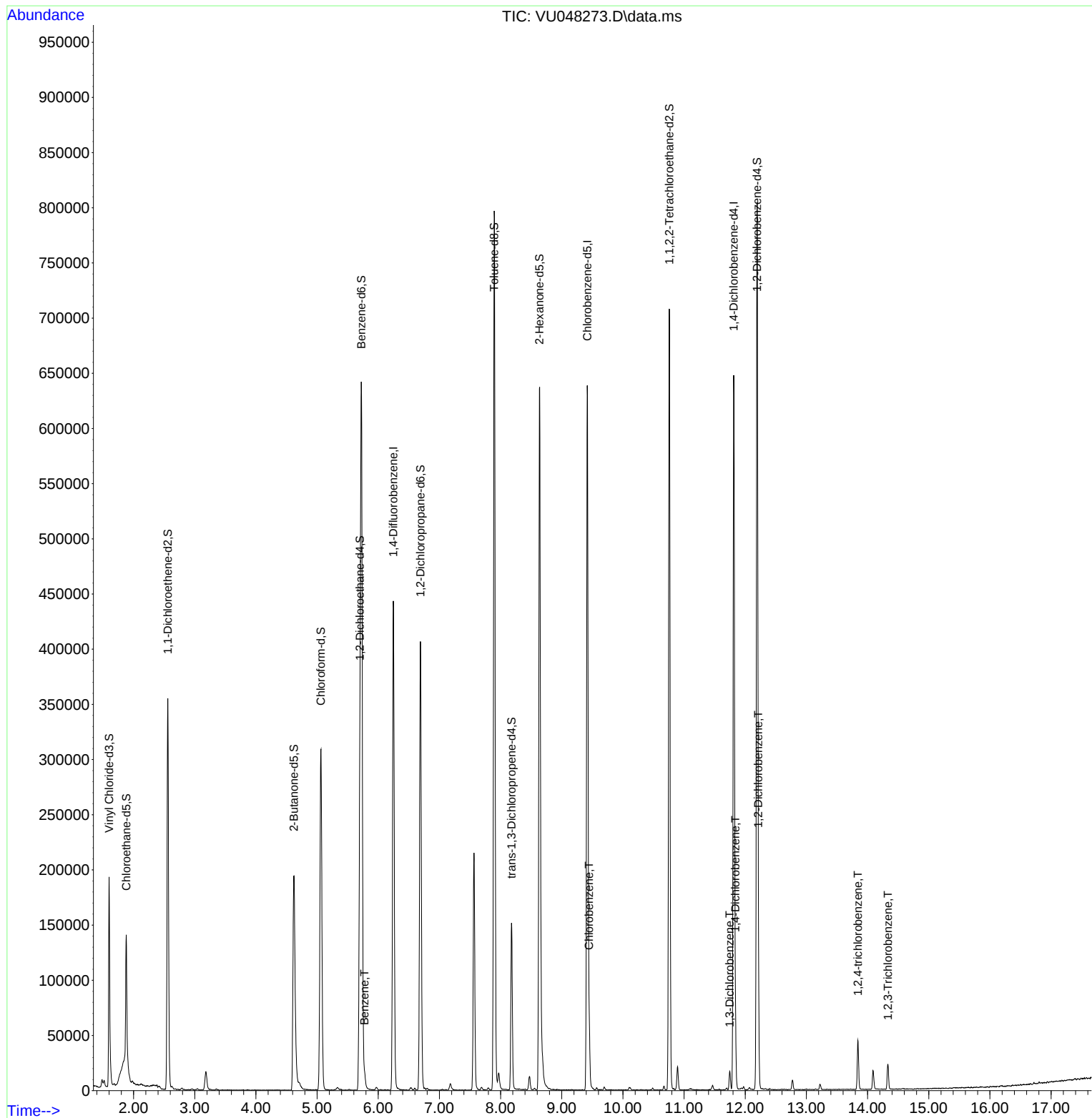
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	379734	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	379457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	187350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	157393	45.073	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.140%
7) Chloroethane-d5	1.880	69	122696	50.057	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.120%
11) 1,1-Dichloroethene-d2	2.559	63	206615	36.928	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.860%
21) 2-Butanone-d5	4.620	46	300652	100.948	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.950%
24) Chloroform-d	5.060	84	295113	46.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
26) 1,2-Dichloroethane-d4	5.700	65	183113	48.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.460%
32) Benzene-d6	5.726	84	614298	51.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
36) 1,2-Dichloropropane-d6	6.690	67	207850	52.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.060%
41) Toluene-d8	7.896	98	541746	49.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.880%
43) trans-1,3-Dichloroprop...	8.179	79	87157	49.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.840%
47) 2-Hexanone-d5	8.636	63	235654	110.396	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	356435	51.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.740%
66) 1,2-Dichlorobenzene-d4	12.195	152	225448	53.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.980%
Target Compounds						
					Qvalue	
33) Benzene	5.774	78	11910	1.060	ug/L	100
51) Chlorobenzene	9.446	112	30985	3.644	ug/L	95
64) 1,3-Dichlorobenzene	11.745	146	7850	1.337	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	24570	4.098	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	27441	4.435	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	15614	4.529	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	8695	2.461	ug/L	99

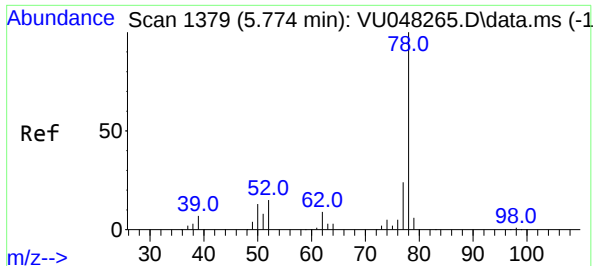
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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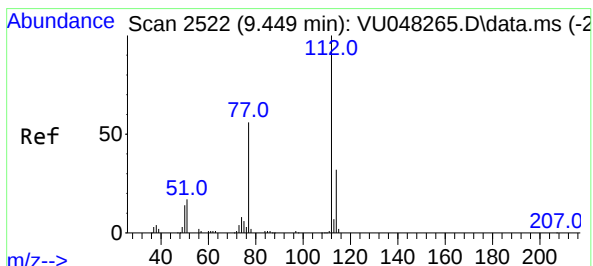
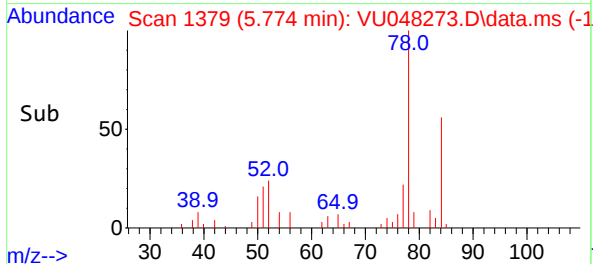
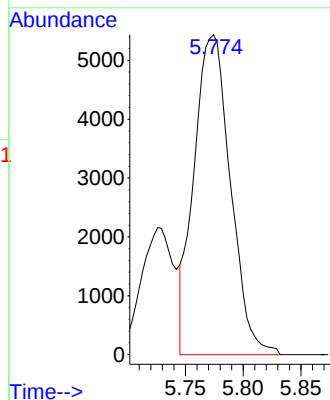
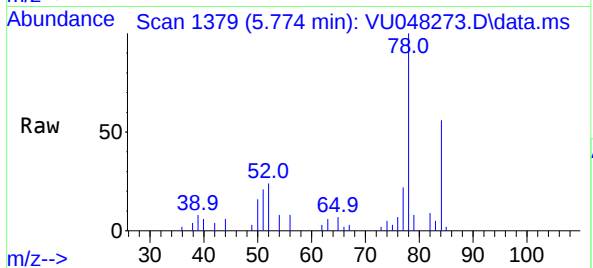




#33
Benzene
Concen: 1.060 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

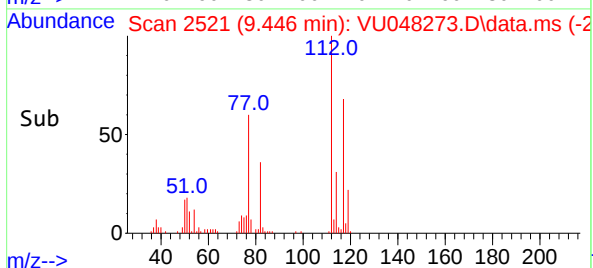
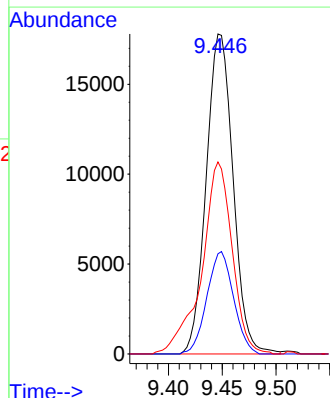
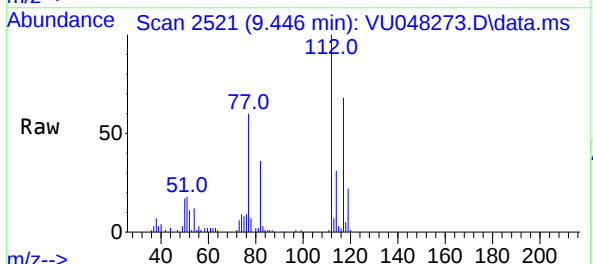
Instrument :
MSVOA_U
ClientSampleId :
C0HZ5

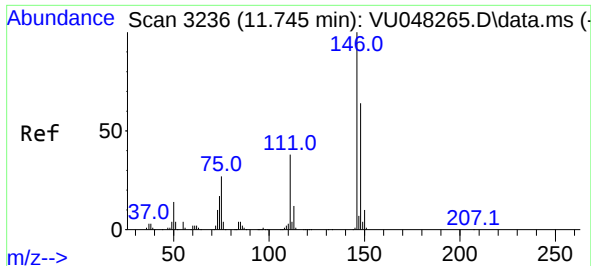
Tgt Ion: 78 Resp: 11910



#51
Chlorobenzene
Concen: 3.644 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

Tgt Ion: 112 Resp: 30985
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.1
77 60.0 44.3 66.5

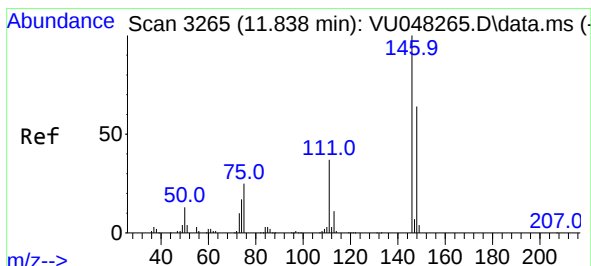
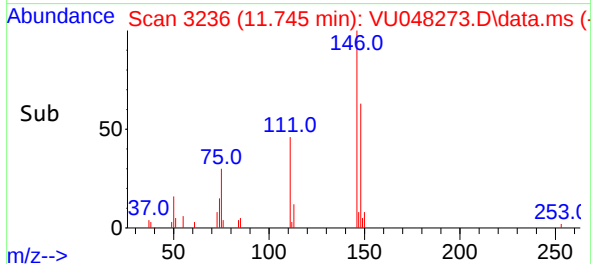
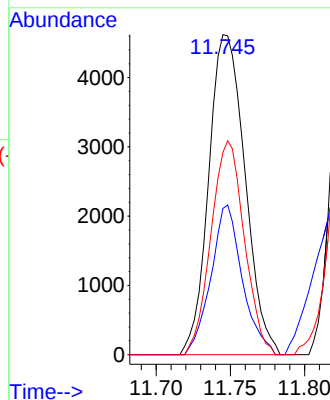
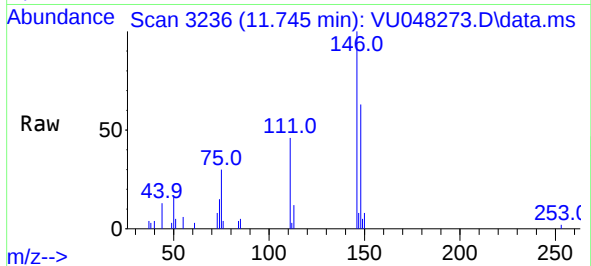




#64
1,3-Dichlorobenzene
Concen: 1.337 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

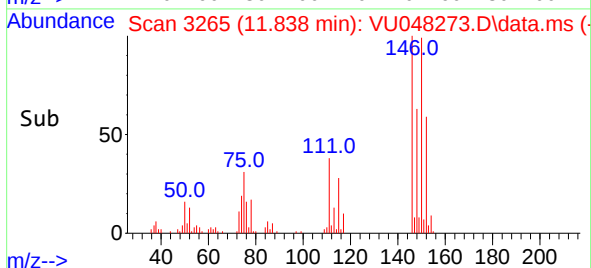
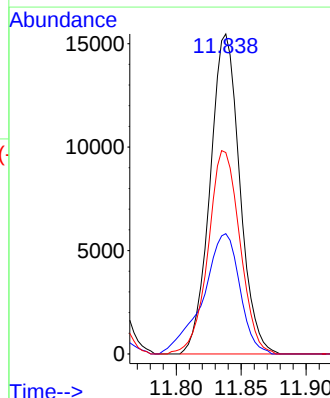
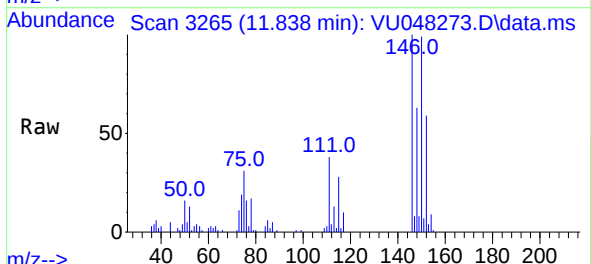
Instrument :
MSVOA_U
ClientSampleId :
C0HZ5

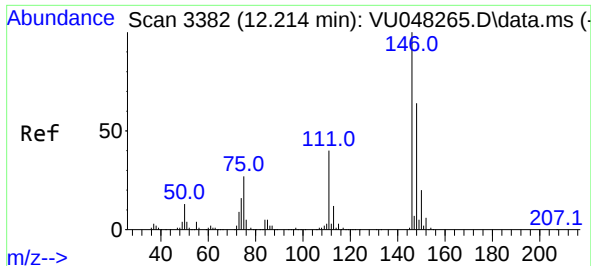
Tgt Ion:146 Resp: 7850
Ion Ratio Lower Upper
146 100
111 45.7 26.7 49.7
148 63.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.098 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048273.D
Acq: 25 Apr 2022 17:16

Tgt Ion:146 Resp: 24570
Ion Ratio Lower Upper
146 100
111 37.6 25.9 48.1
148 62.9 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 4.435 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048273.D

Acq: 25 Apr 2022 17:16

Instrument :

MSVOA_U

ClientSampleId :

C0HZ5

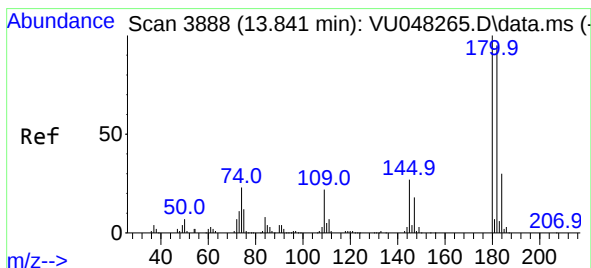
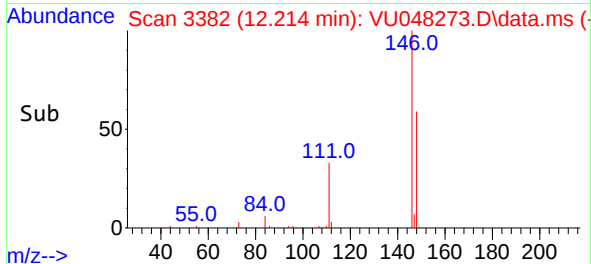
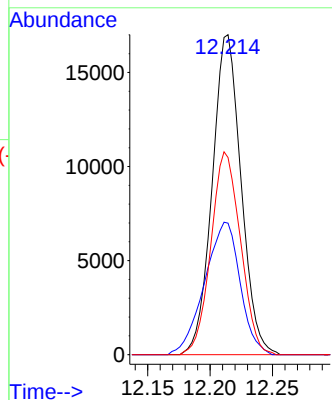
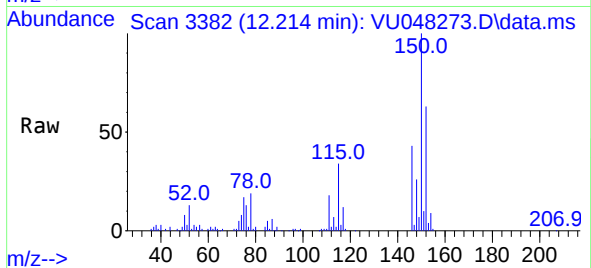
Tgt Ion:146 Resp: 27441

Ion Ratio Lower Upper

146 100

111 41.1 31.7 47.5

148 61.6 50.9 76.3



#70

1,2,4-trichlorobenzene

Concen: 4.529 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048273.D

Acq: 25 Apr 2022 17:16

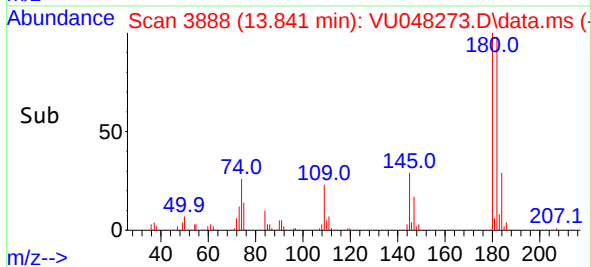
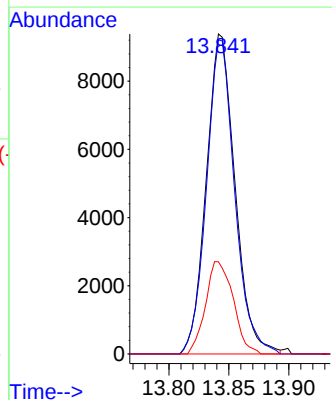
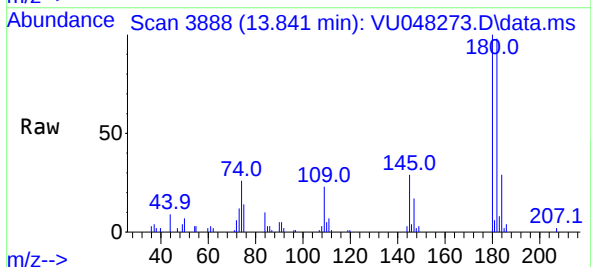
Tgt Ion:180 Resp: 15614

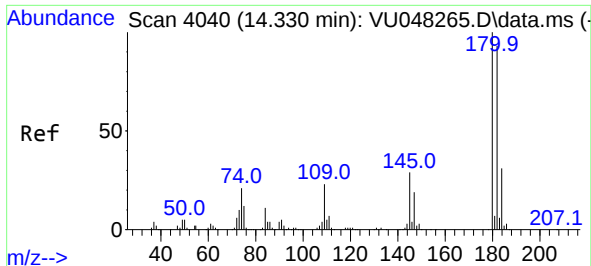
Ion Ratio Lower Upper

180 100

182 96.3 76.3 114.5

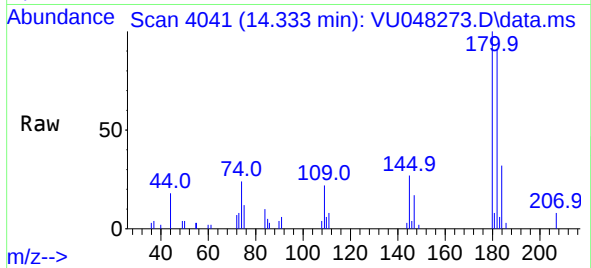
145 27.8 22.6 33.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.461 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU048273.D
 Acq: 25 Apr 2022 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ5



Tgt Ion:180 Resp: 8695
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.8 113.6
 145 27.9 23.5 35.3

