

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047890.D
 Acq On : 09 Apr 2022 00:19
 Operator : SY/MD
 Sample : N2345-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J79

Quant Time: Apr 09 02:09:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

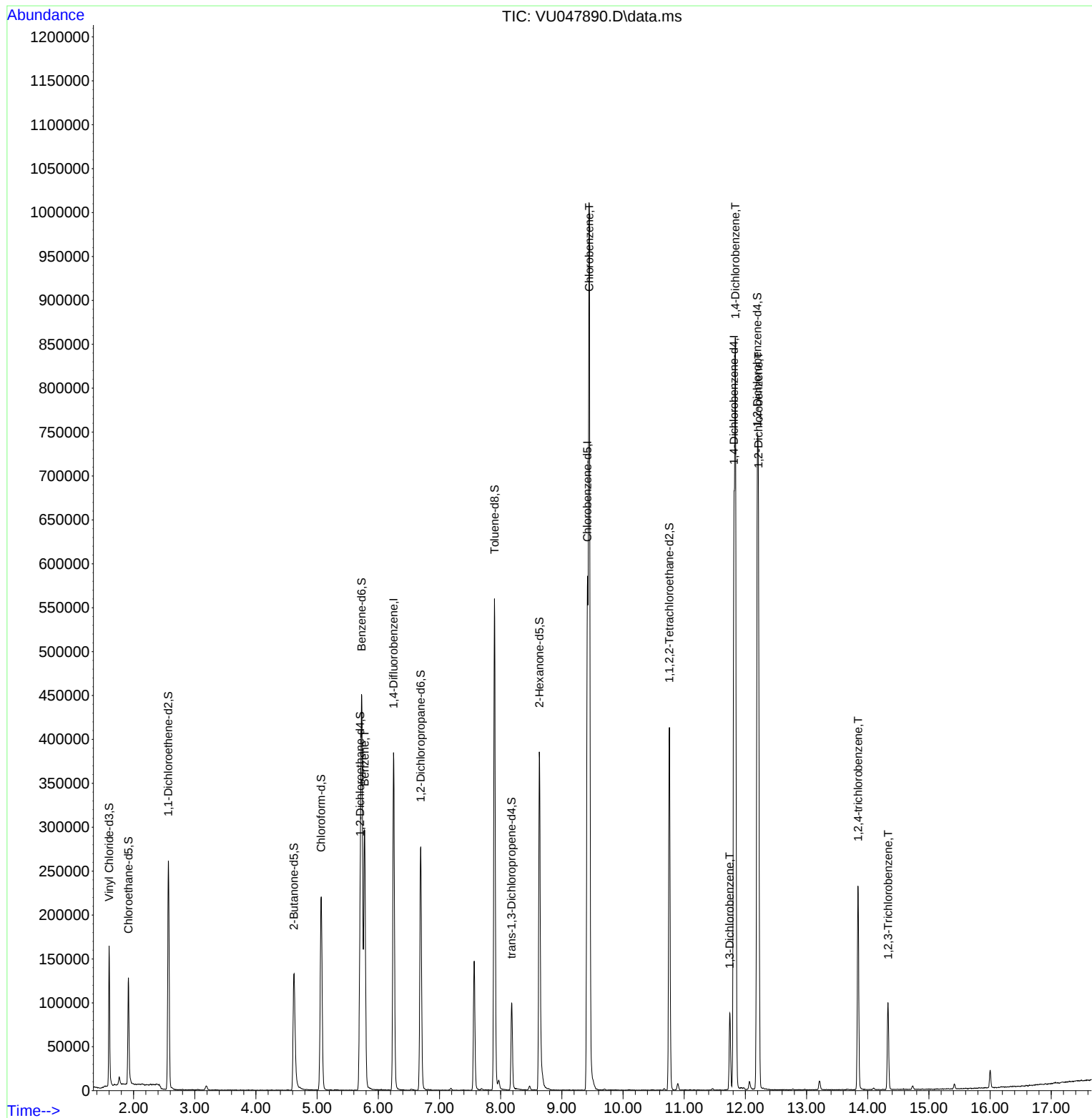
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	324378	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	329687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174379	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	115953	49.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.580%
7) Chloroethane-d5	1.916	69	95692	51.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.180%
11) 1,1-Dichloroethene-d2	2.568	63	148989	34.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.240%
21) 2-Butanone-d5	4.620	46	191871	95.032	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.030%
24) Chloroform-d	5.067	84	207927	48.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
26) 1,2-Dichloroethane-d4	5.703	65	134154	50.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.640%
32) Benzene-d6	5.729	84	425469	51.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.580%
36) 1,2-Dichloropropane-d6	6.694	67	135155	53.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.100%
41) Toluene-d8	7.899	98	376685	46.604	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.179	79	57170	44.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.580%
47) 2-Hexanone-d5	8.632	63	135001	90.517	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202720	46.364	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	159922	51.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.100%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	290830	30.476	ug/L	100
51) Chlorobenzene	9.449	112	564240	79.363	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	39263	7.495	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	335198	61.779	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	246553	47.040	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	78638	21.104	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	34018	9.107	ug/L	100

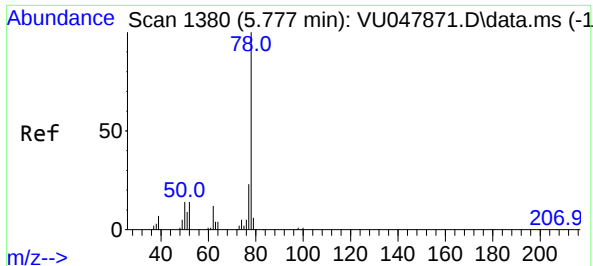
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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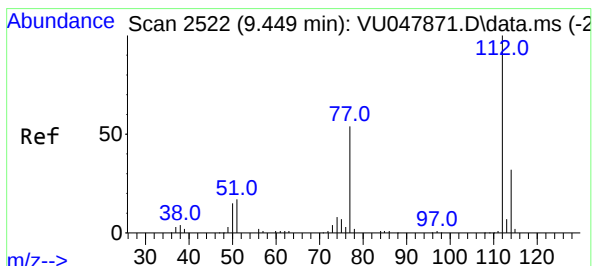
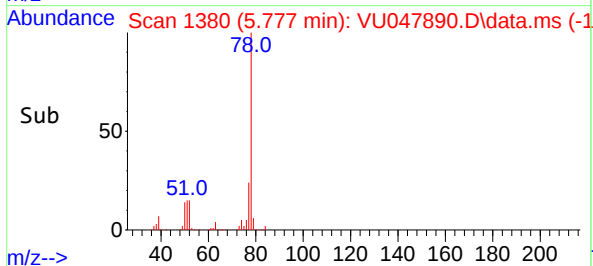
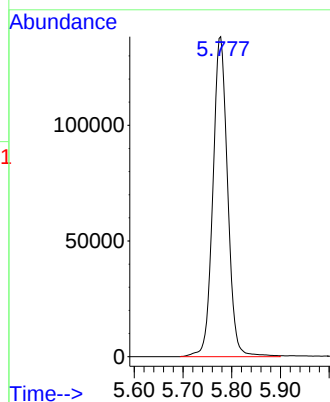
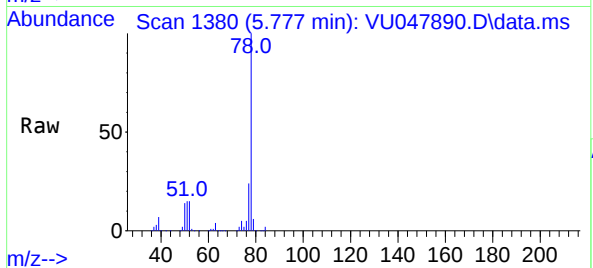




#33
Benzene
Concen: 30.476 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

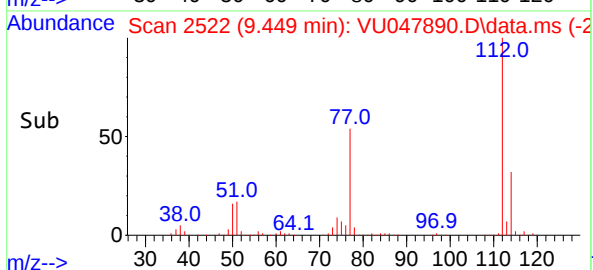
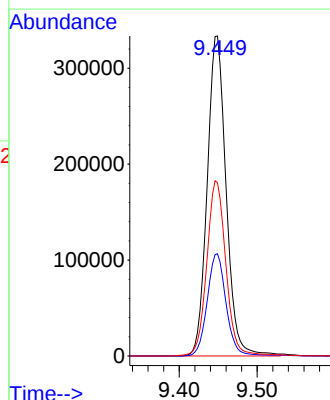
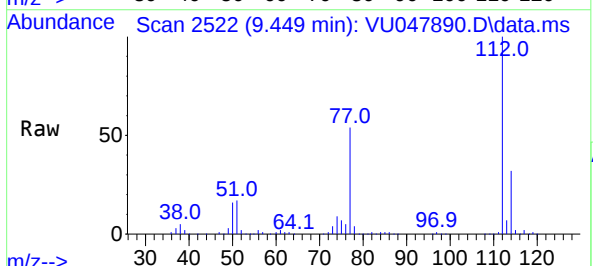
Instrument :
MSVOA_U
ClientSampleId :
C0J79

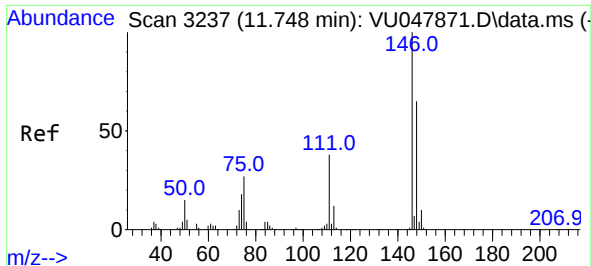
Tgt Ion: 78 Resp: 290830



#51
Chlorobenzene
Concen: 79.363 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

Tgt Ion:112 Resp: 564240
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 54.2 43.4 65.0

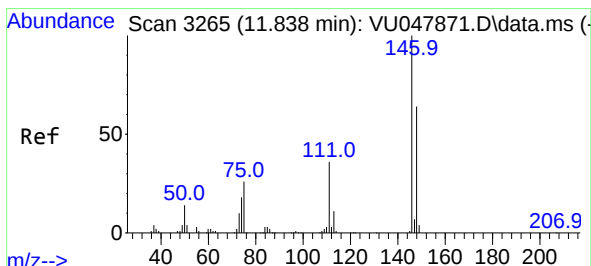
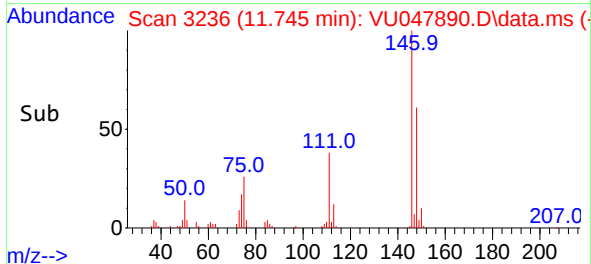
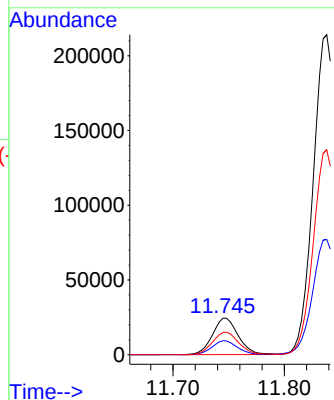
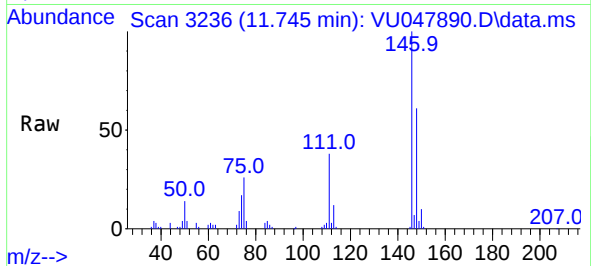




#64
1,3-Dichlorobenzene
Concen: 7.495 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

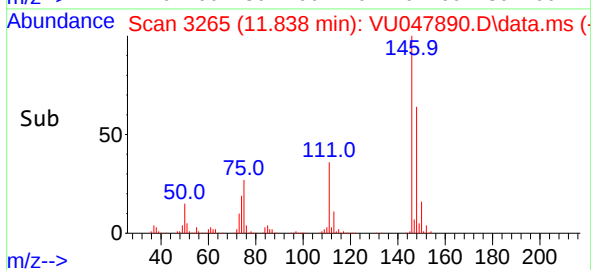
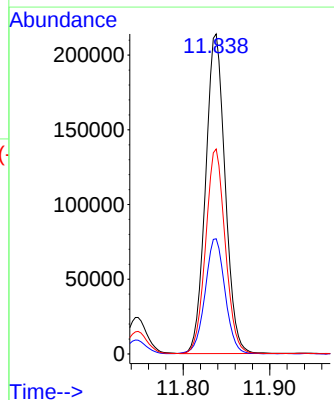
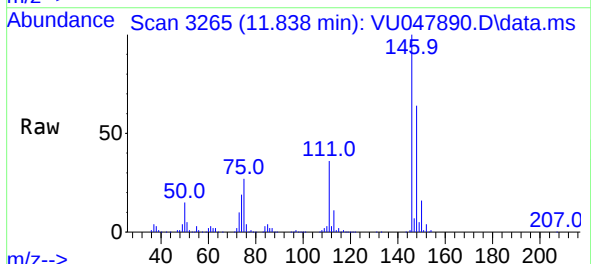
Instrument :
MSVOA_U
ClientSampleId :
C0J79

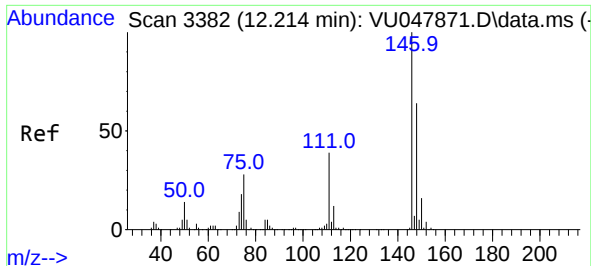
Tgt Ion:146 Resp: 39263
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 60.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 61.779 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

Tgt Ion:146 Resp: 335198
Ion Ratio Lower Upper
146 100
111 36.0 25.3 47.1
148 64.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 47.040 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

Instrument :

MSVOA_U

ClientSampleId :

C0J79

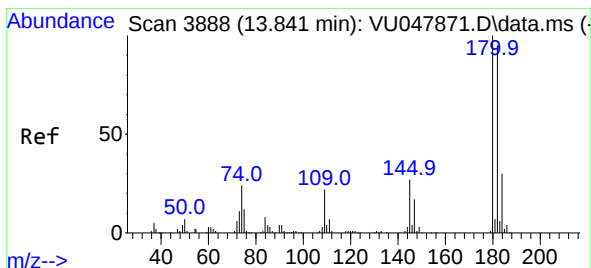
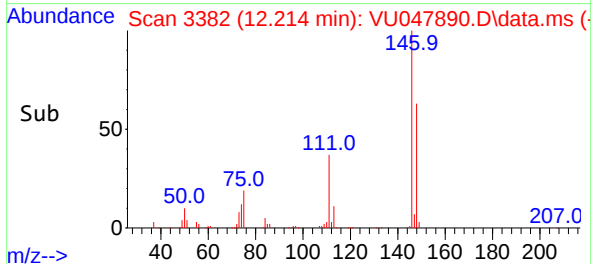
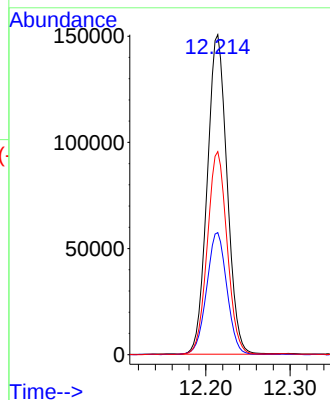
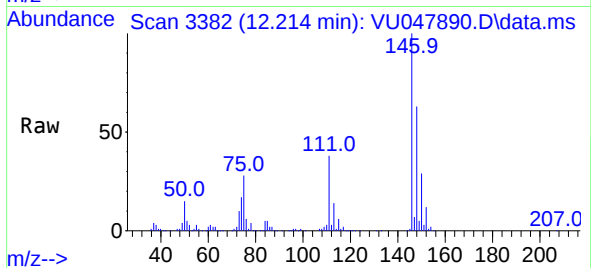
Tgt Ion:146 Resp: 246553

Ion Ratio Lower Upper

146 100

111 38.1 31.7 47.5

148 63.5 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 21.104 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047890.D

Acq: 09 Apr 2022 00:19

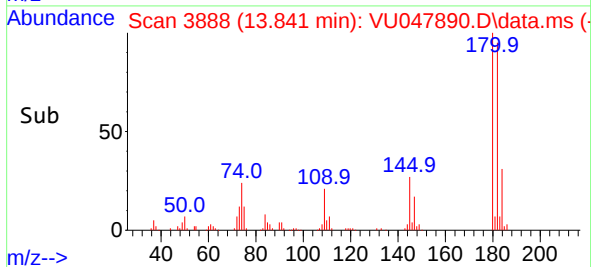
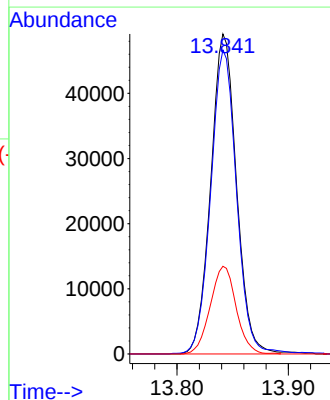
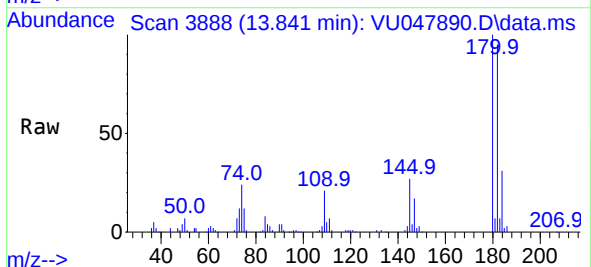
Tgt Ion:180 Resp: 78638

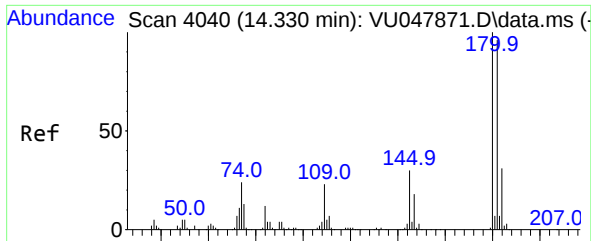
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

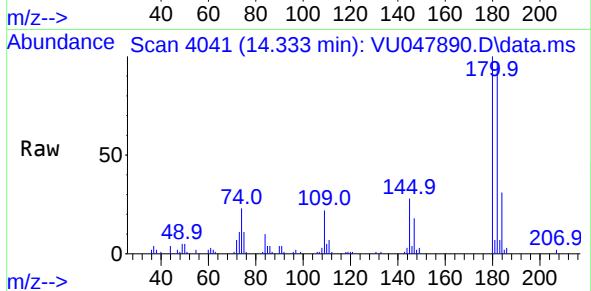
145 27.6 21.8 32.8





#72
1,2,3-Trichlorobenzene
Concen: 9.107 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047890.D
Acq: 09 Apr 2022 00:19

Instrument :
MSVOA_U
ClientSampleId :
C0J79



Tgt Ion:180 Resp: 34018
Ion Ratio Lower Upper
180 100
182 97.1 77.4 116.0
145 28.9 22.8 34.2

