

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048037.D
 Acq On : 14 Apr 2022 04:31
 Operator : SY/MD
 Sample : N2386-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J39

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 07:21:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	327398	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	358171	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	195910	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101540	42.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.540%		
7) Chloroethane-d5	1.916	69	92798	49.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.140%		
11) 1,1-Dichloroethene-d2	2.571	63	135906	31.288	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.580%		
21) 2-Butanone-d5	4.620	46	190846	93.653	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.650%		
24) Chloroform-d	5.067	84	205188	47.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.460%		
26) 1,2-Dichloroethane-d4	5.703	65	131486	49.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.700%		
32) Benzene-d6	5.729	84	415976	46.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.300%		
36) 1,2-Dichloropropane-d6	6.694	67	135470	48.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.880%		
41) Toluene-d8	7.899	98	369058	42.030	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.060%		
43) trans-1,3-Dichloroprop...	8.179	79	54017	38.522	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.040%		
47) 2-Hexanone-d5	8.632	63	135511	83.633	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.630%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	211659	44.559	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.120%		
66) 1,2-Dichlorobenzene-d4	12.195	152	174969m	50.200	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.400%		
Target Compounds					Qvalue	
33) Benzene	5.777	78	9158	0.883	ug/L	100
51) Chlorobenzene	9.449	112	6614270	856.347	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	117643	19.990	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	535266	87.811	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	3025725	513.837	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	356572	85.175	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	58763	14.002	ug/L	100

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

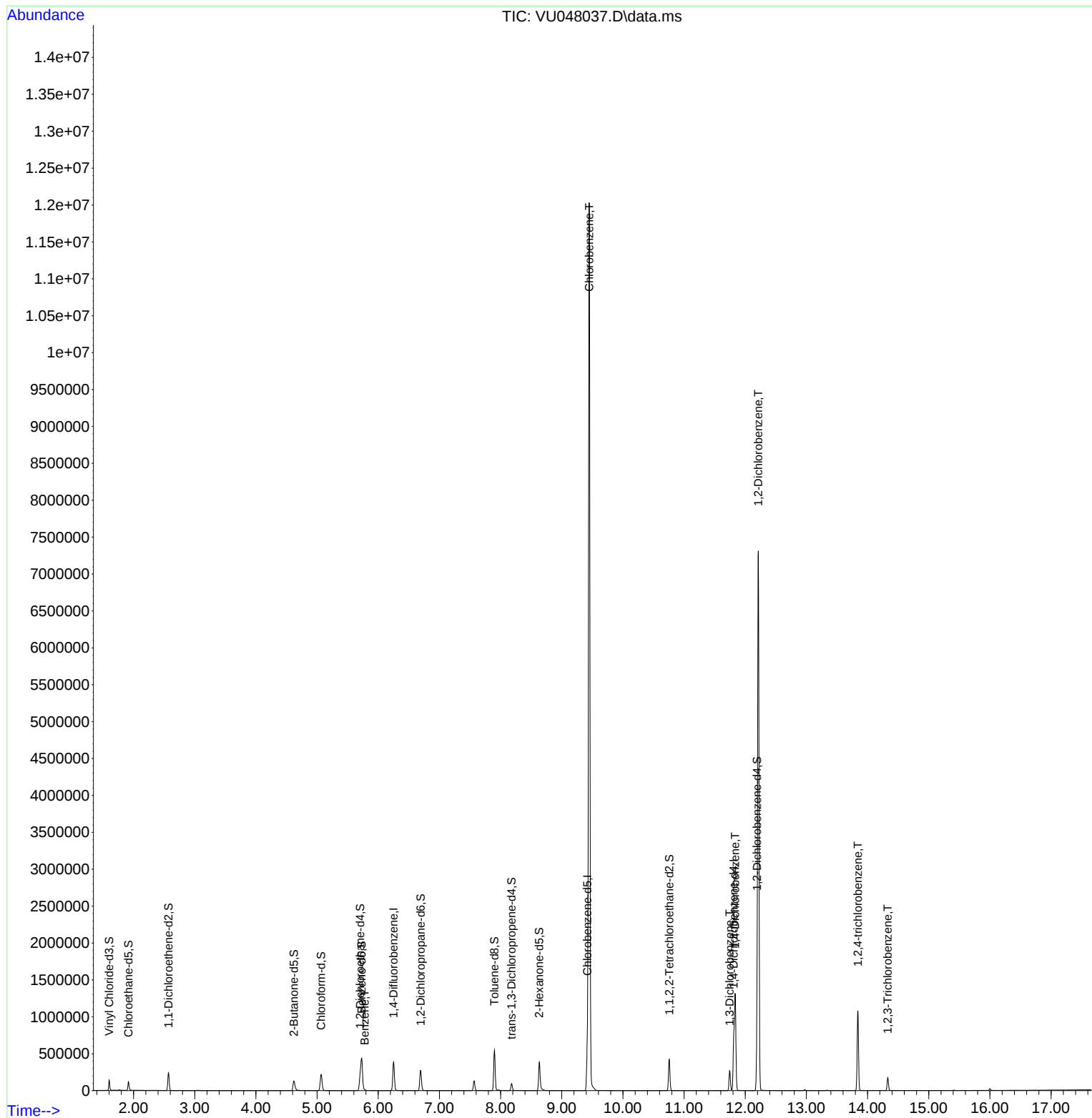
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048037.D
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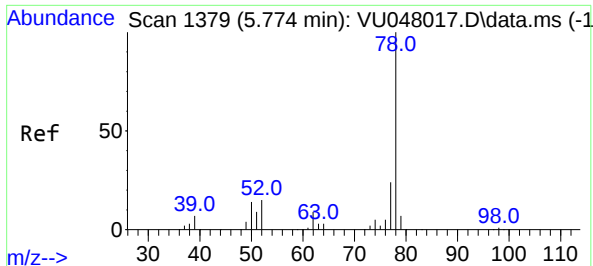
Instrument :
MSVOA_U
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Quant Time: Apr 14 07:21:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 14 06:53:20 2022
Response via : Initial Calibration

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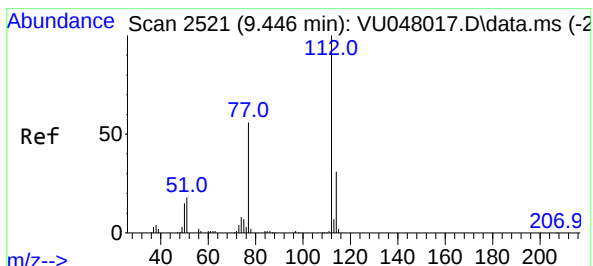
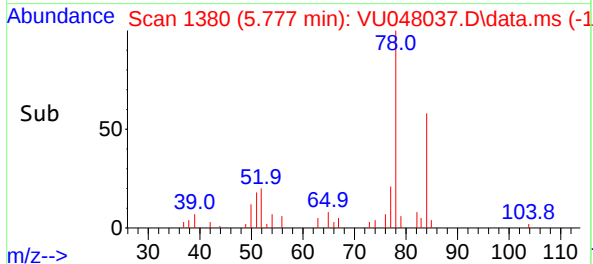
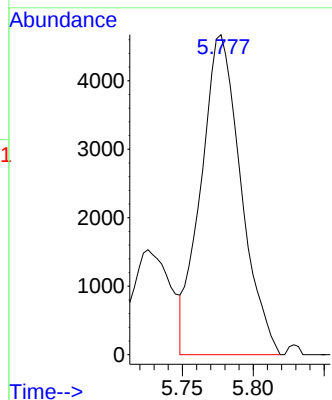
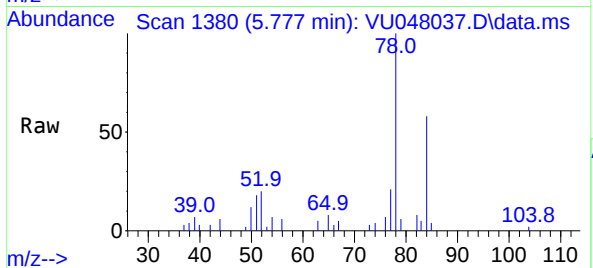
#33
Benzene
Concen: 0.883 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

Instrument :
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Tgt Ion: 78 Resp: 915

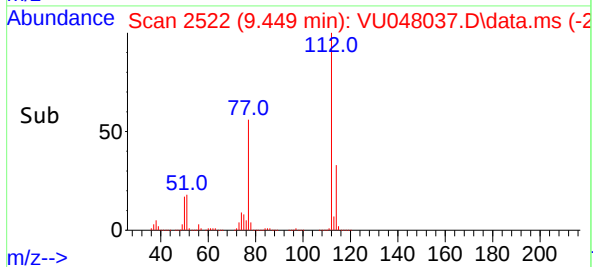
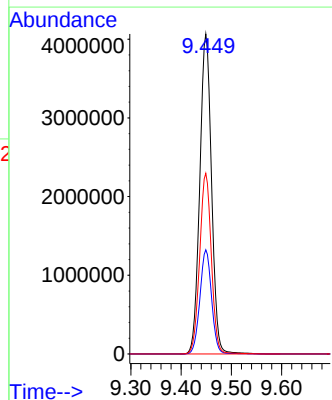
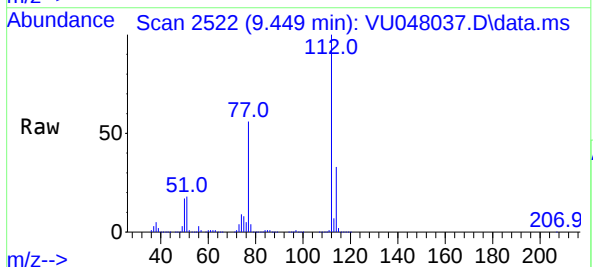
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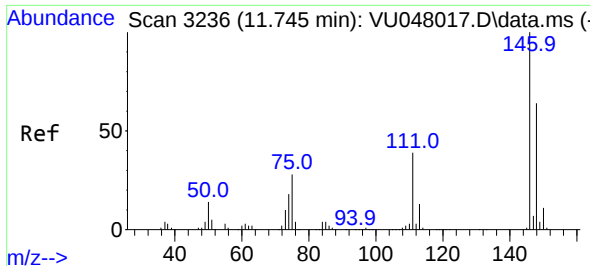
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#51
Chlorobenzene
Concen: 856.347 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

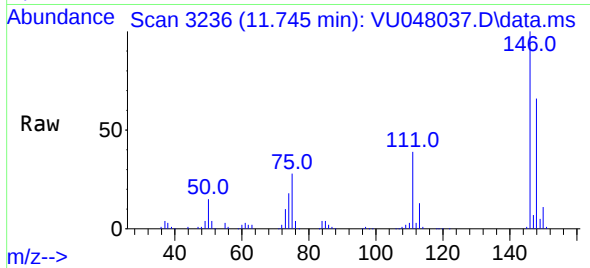
Tgt Ion:112 Resp: 6614270
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.5 43.4 65.0





#64
1,3-Dichlorobenzene
Concen: 19.990 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31

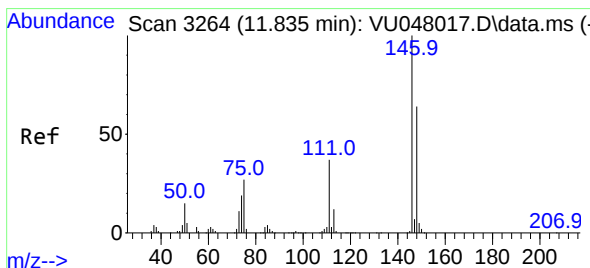
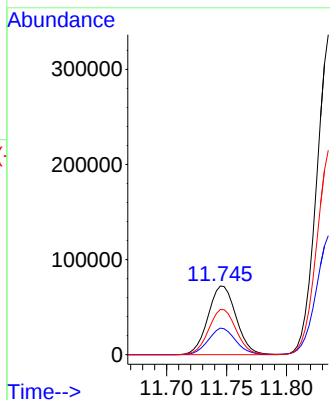
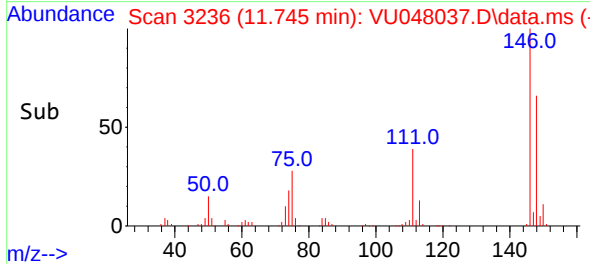
Instrument :
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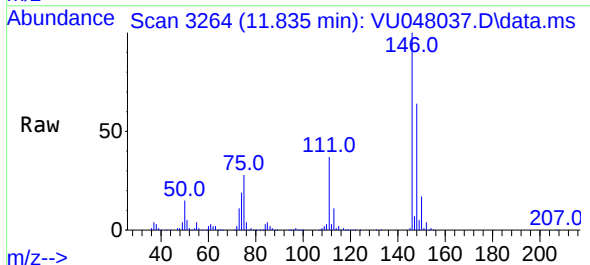
Tgt Ion:146 Resp: 11764
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 65.7 44.4 82.5

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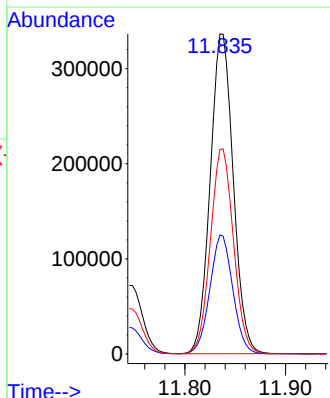
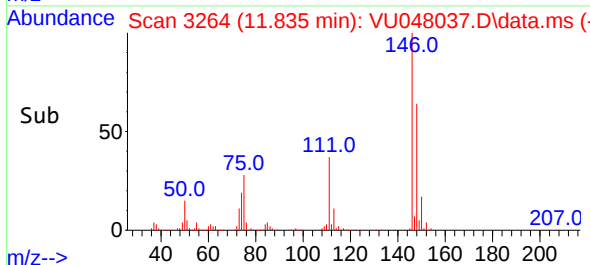
Reviewed By :John Carlone 04/14/2022
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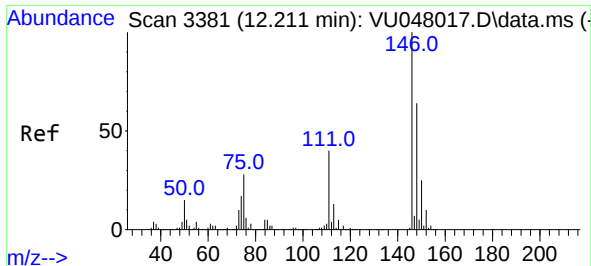


#65
1,4-Dichlorobenzene
Concen: 87.811 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU048037.D
Acq: 14 Apr 2022 04:31



Tgt Ion:146 Resp: 535266
Ion Ratio Lower Upper
146 100
111 37.2 25.3 47.1
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 513.837 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048037.D

Acq: 14 Apr 2022 04:31

Instrument :

MSVOA_U

ClientSampleId :

C0J39

Tgt Ion:146 Resp: 302572

Ion Ratio Lower Upper

146 100

111 39.9 31.7 47.5

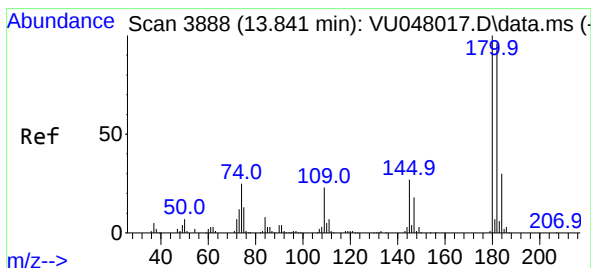
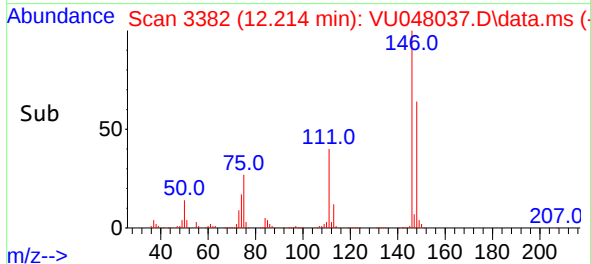
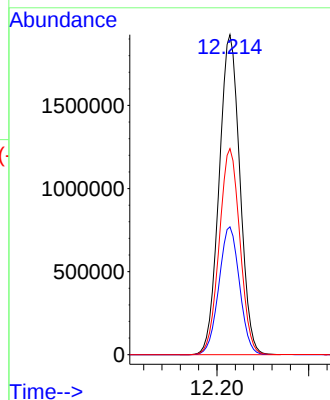
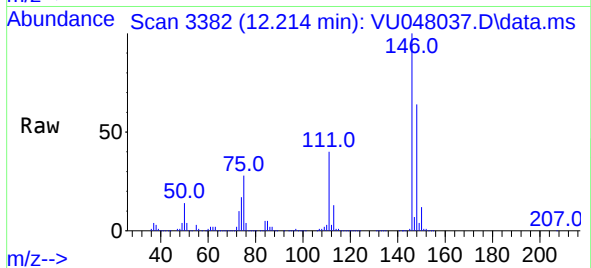
148 64.4 51.4 77.2

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#70

1,2,4-trichlorobenzene

Concen: 85.175 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048037.D

Acq: 14 Apr 2022 04:31

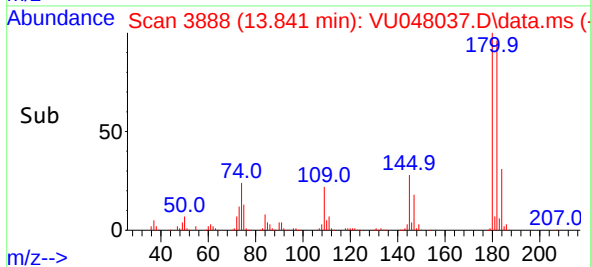
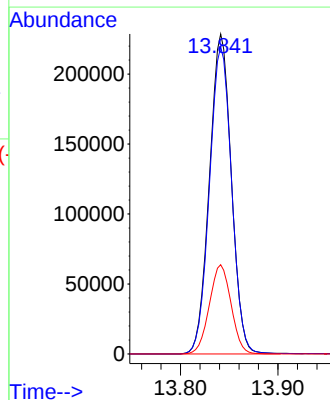
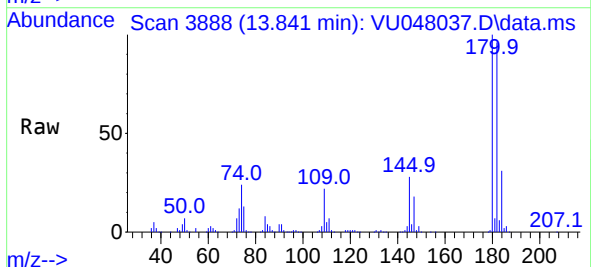
Tgt Ion:180 Resp: 356572

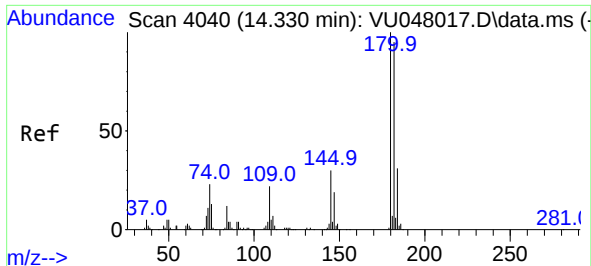
Ion Ratio Lower Upper

180 100

182 97.0 76.2 114.2

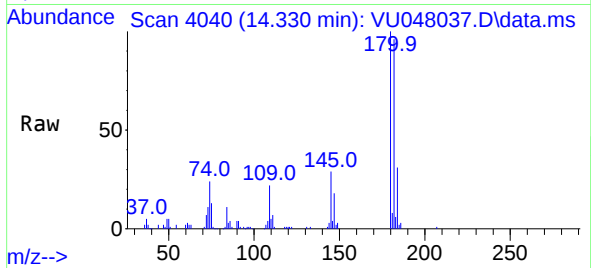
145 27.7 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 14.002 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU048037.D
 Acq: 14 Apr 2022 04:31

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:180 Resp: 5876

Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.4	116.0
145	28.9	22.8	34.2

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