

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047901.D
 Acq On : 11 Apr 2022 13:24
 Operator : SY/MD
 Sample : N2343-18DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J71DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 02:02:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304869	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105903	47.903	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.800%		
7) Chloroethane-d5	1.916	69	93335	53.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	107.080%		
11) 1,1-Dichloroethene-d2	2.572	63	139256	34.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.860%		
21) 2-Butanone-d5	4.623	46	183004	96.441	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.440%		
24) Chloroform-d	5.067	84	202714	50.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.220%		
26) 1,2-Dichloroethane-d4	5.703	65	128557	51.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.640%		
32) Benzene-d6	5.729	84	400995	50.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.160%		
36) 1,2-Dichloropropane-d6	6.690	67	128817	52.389	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.780%		
41) Toluene-d8	7.899	98	357414	45.819	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.640%		
43) trans-1,3-Dichloroprop...	8.179	79	55414	44.484	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.960%		
47) 2-Hexanone-d5	8.632	63	130387	90.584	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.580%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202331	47.948	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.900%		
66) 1,2-Dichlorobenzene-d4	12.192	152	168600m	51.753	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.500%		
Target Compounds						
25) Chloroform	5.092	83	30344	7.245	ug/L	98
33) Benzene	5.777	78	1501136	162.991	ug/L	100
51) Chlorobenzene	9.449	112	1454051	211.913	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	207575	37.737	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1086366	190.674	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	1212566	220.311	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	172357	44.048	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	64583	16.464	ug/L	100

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

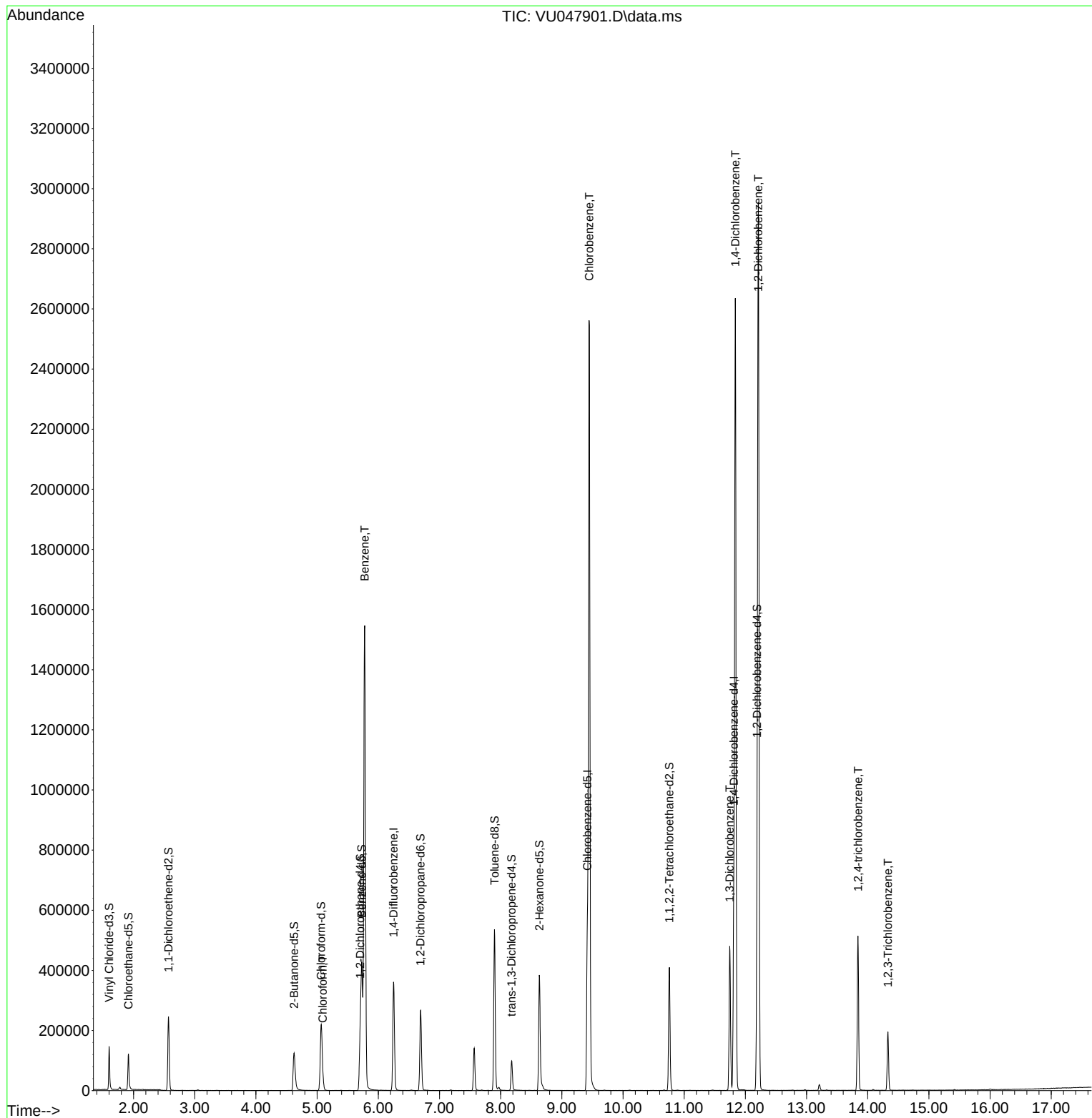
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047901.D
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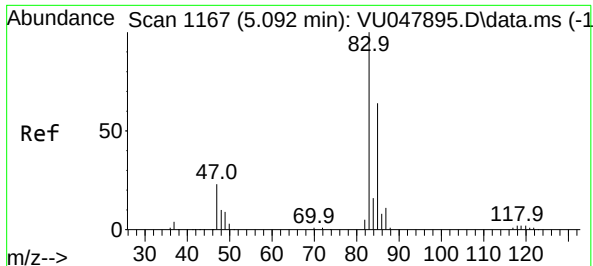
Instrument :
MSVOA_U
ClientSampleId :
C0J71DL

Quant Time: Apr 12 02:02:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

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#25

Chloroform

Concen: 7.245 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047901.D

Acq: 11 Apr 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

C0J71DL

Tgt Ion: 83 Resp: 30344

Ion Ratio Lower Upper

83 100

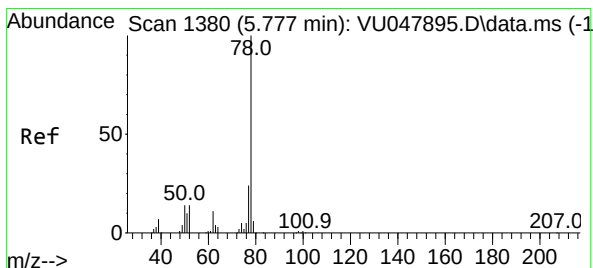
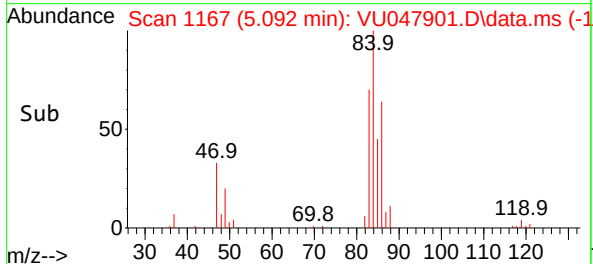
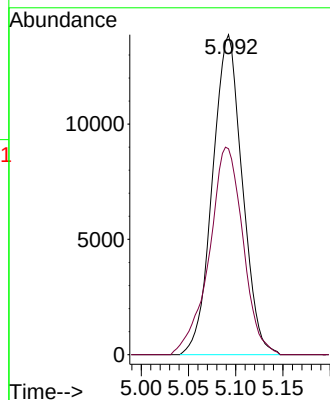
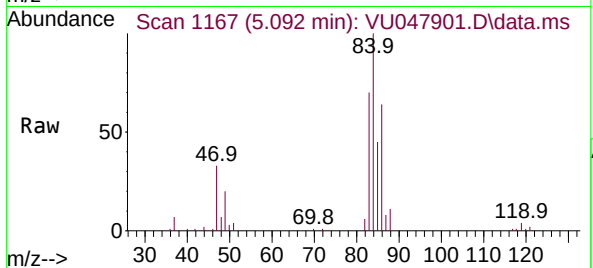
85 64.3 46.2 85.8

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#33

Benzene

Concen: 162.991 ug/L

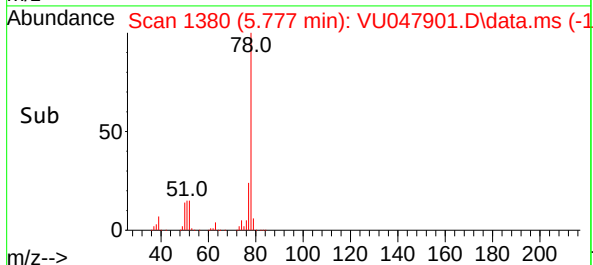
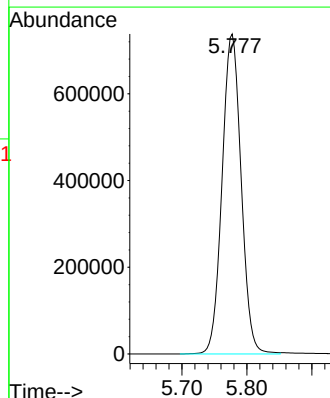
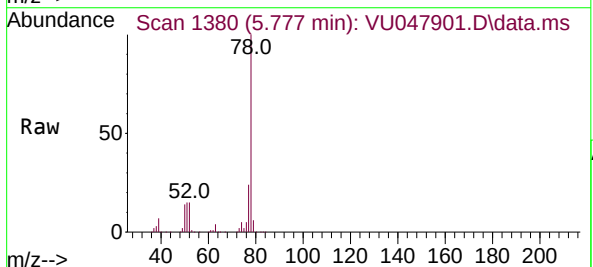
RT: 5.777 min Scan# 1380

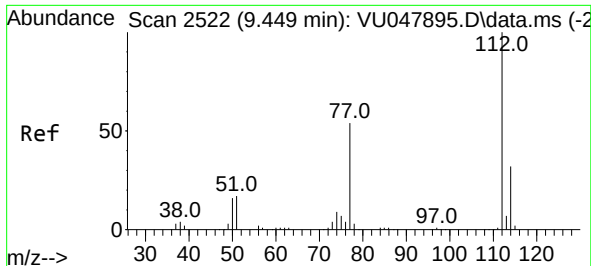
Delta R.T. 0.000 min

Lab File: VU047901.D

Acq: 11 Apr 2022 13:24

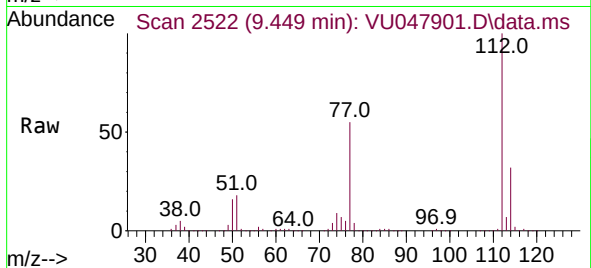
Tgt Ion: 78 Resp: 1501136





#51
Chlorobenzene
Concen: 211.913 ug/L
RT: 9.449 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

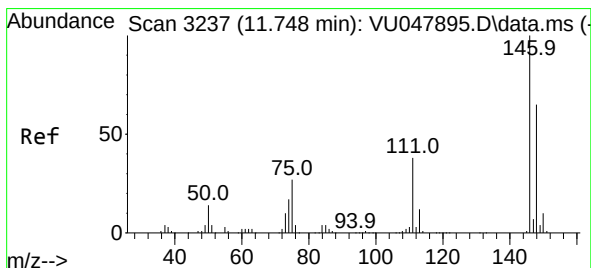
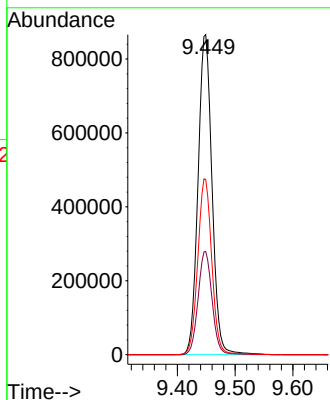
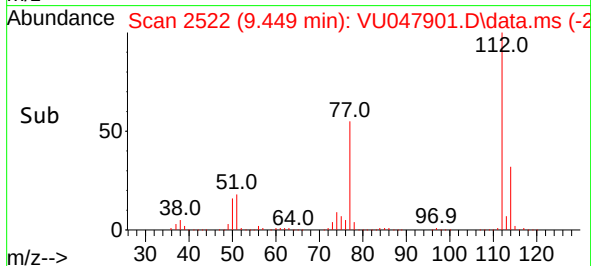
Instrument :
MSVOA_U
ClientSampleId :
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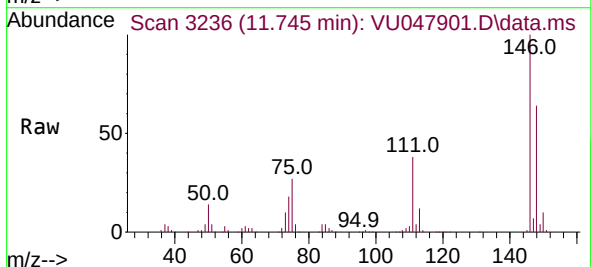
Tgt Ion:112 Resp: 145405
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 54.8 43.4 65.0

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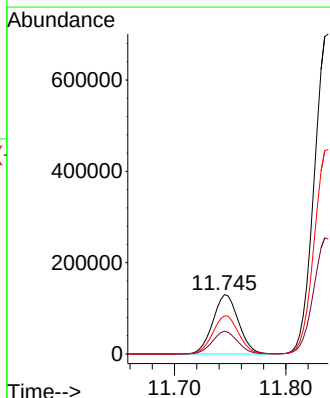
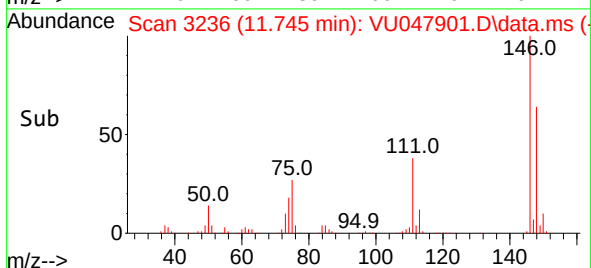
Reviewed By :John Carlone 04/14/2022
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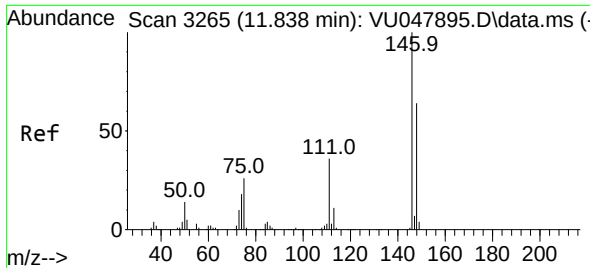


#64
1,3-Dichlorobenzene
Concen: 37.737 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24



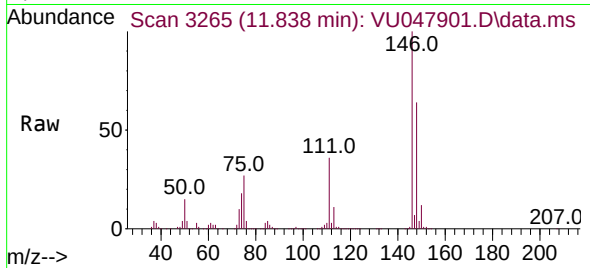
Tgt Ion:146 Resp: 207575
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.3 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 190.674 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

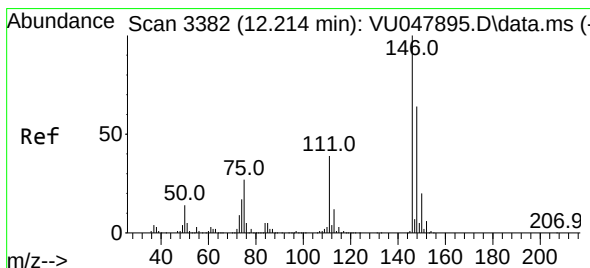
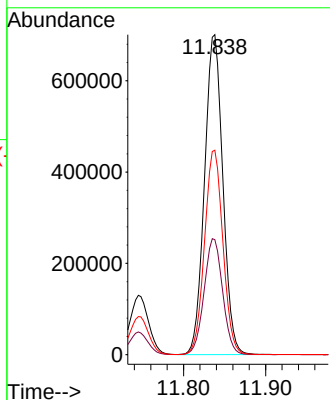
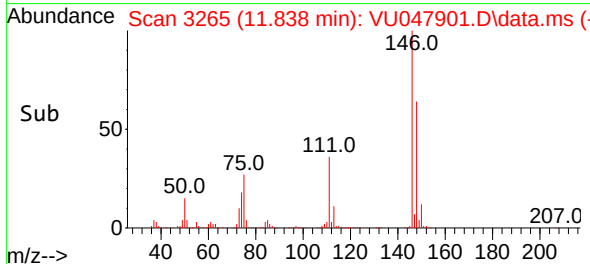
Instrument :
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ClientSampleId :
C0J71DL



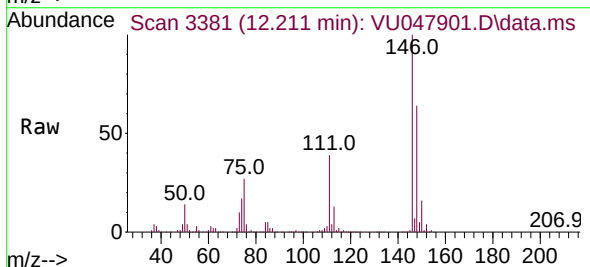
Tgt Ion:146 Resp: 108636
Ion Ratio Lower Upper
146 100
111 35.9 25.3 47.1
148 63.9 44.5 82.7

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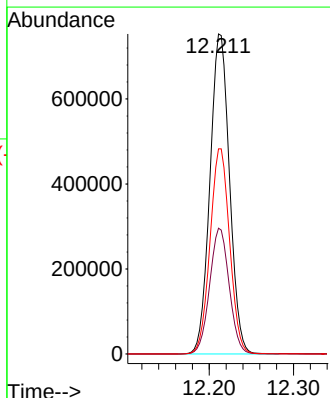
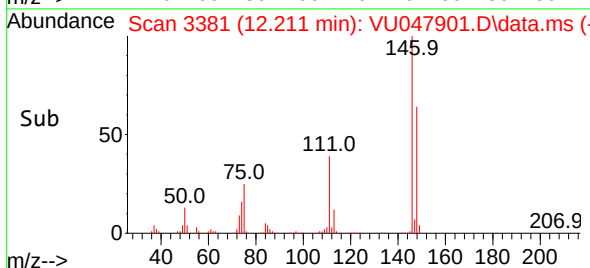
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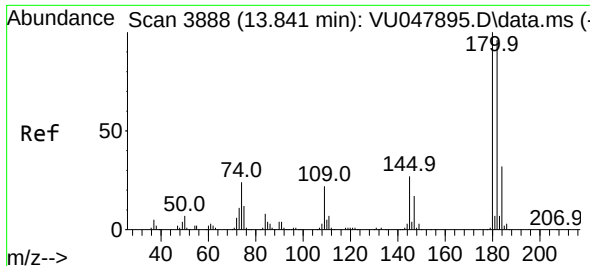


#67
1,2-Dichlorobenzene
Concen: 220.311 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24



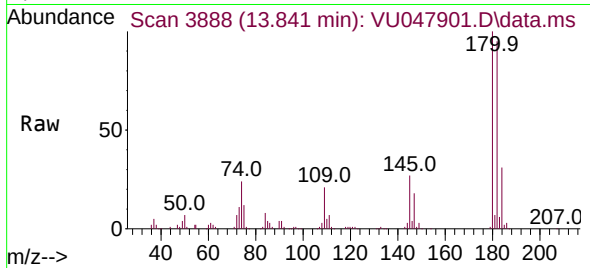
Tgt Ion:146 Resp: 1212566
Ion Ratio Lower Upper
146 100
111 39.3 31.7 47.5
148 64.1 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 44.048 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

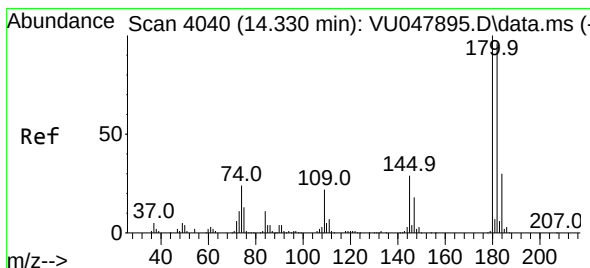
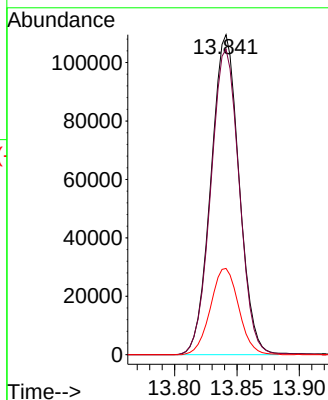
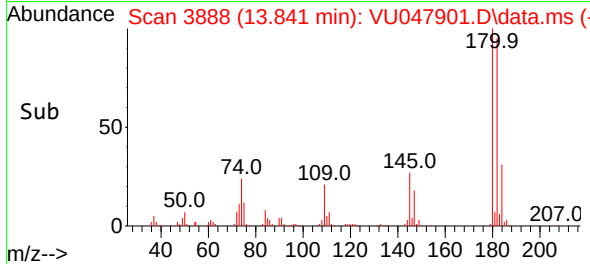
Instrument :
MSVOA_U
ClientSampleId :
C0J71DL



Tgt Ion:180 Resp: 17235
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.2
145 27.0 21.8 32.8

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#72
1,2,3-Trichlorobenzene
Concen: 16.464 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

Tgt Ion:180 Resp: 64583
Ion Ratio Lower Upper
180 100
182 97.0 77.4 116.0
145 29.1 22.8 34.2

