

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047891.D
 Acq On : 09 Apr 2022 00:43
 Operator : SY/MD
 Sample : N2345-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J81

Manual Integrations
 APPROVED

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

Quant Time: Apr 09 02:10:14 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	326532	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	329285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	175100	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112872	47.668	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	95.340%		
7) Chloroethane-d5	1.916	69	96093	51.467	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	102.940%		
11) 1,1-Dichloroethene-d2	2.568	63	148154	34.198	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	68.400%		
21) 2-Butanone-d5	4.620	46	178653	87.902	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery =	87.900%		
24) Chloroform-d	5.067	84	205115	47.342	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	94.680%		
26) 1,2-Dichloroethane-d4	5.703	65	133445	50.219	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	100.440%		
32) Benzene-d6	5.732	84	423874	51.157	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	102.320%		
36) 1,2-Dichloropropane-d6	6.694	67	131481	51.670	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery =	103.340%		
41) Toluene-d8	7.899	98	377422	46.753	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	93.500%		
43) trans-1,3-Dichloroprop...	8.179	79	56564	43.877	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	87.760%		
47) 2-Hexanone-d5	8.633	63	131672	88.393	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery =	88.390%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201396	46.118	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery =	92.240%		
66) 1,2-Dichlorobenzene-d4	12.195	152	162513	52.168	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	104.340%		
Target Compounds						
20) cis-1,2-Dichloroethene	4.671	96	1614	0.609	ug/L	92
33) Benzene	5.771	78	21376413m	2242.773	ug/L	
51) Chlorobenzene	9.449	112	10402374	1464.936	ug/L	96
64) 1,3-Dichlorobenzene	11.748	146	19167	3.644	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	248348	45.584	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	138974	26.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	40364	10.788	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	16620	4.431	ug/L	99

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

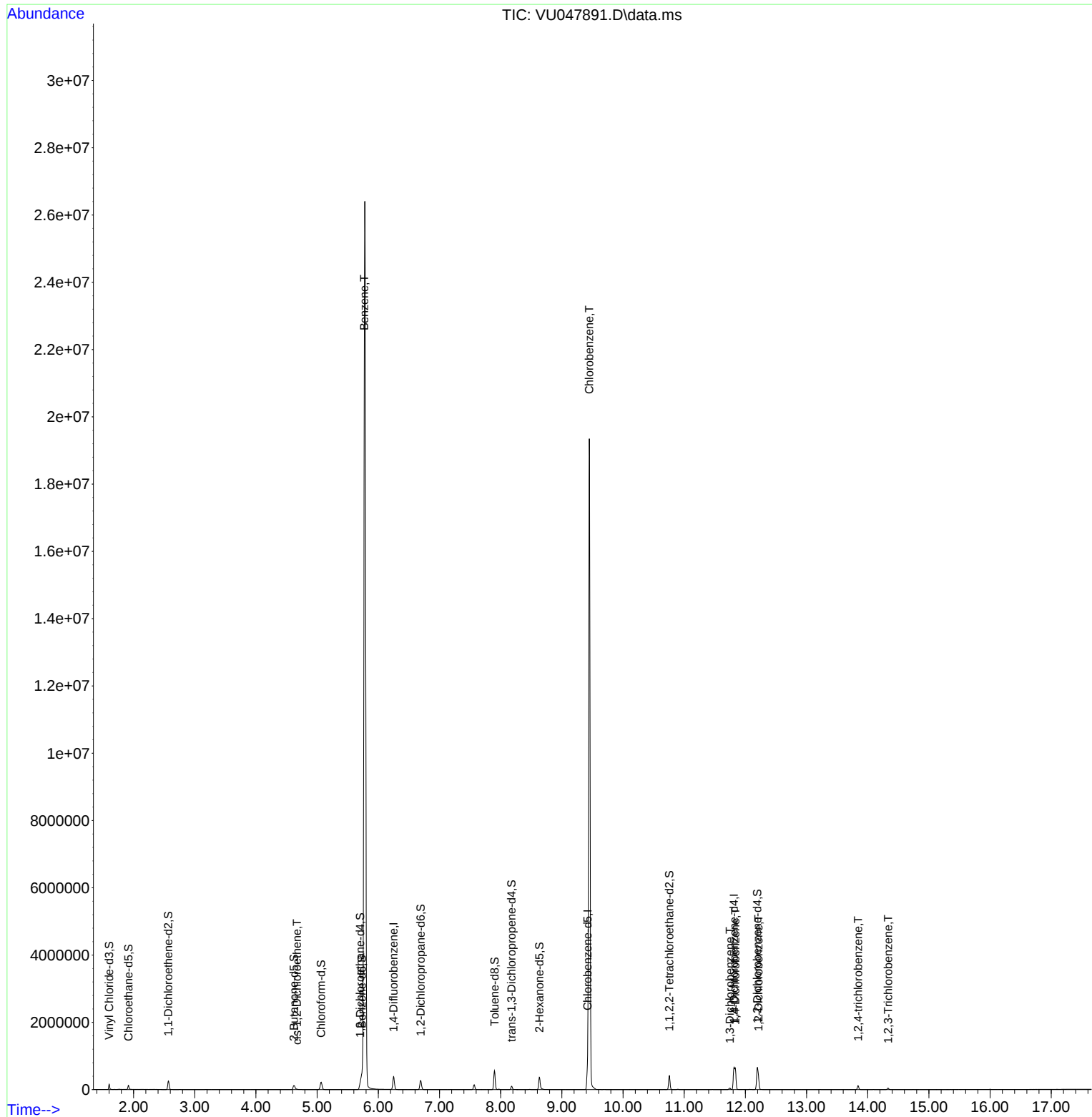
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
Data File : VU047891.D
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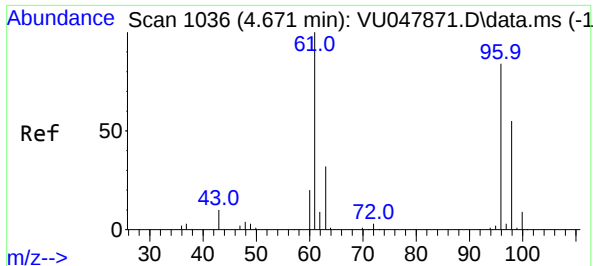
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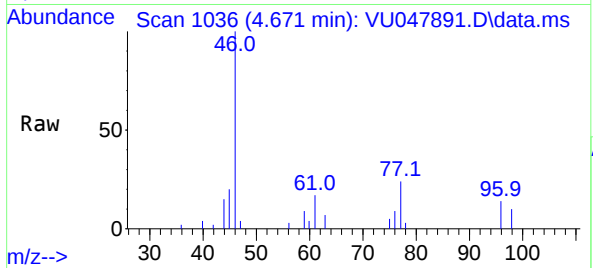
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Quant Title : VOC Analysis
QLast Update : Sat Apr 09 01:58:44 2022
Response via : Initial Calibration





#20
cis-1,2-Dichloroethene
Concen: 0.609 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43

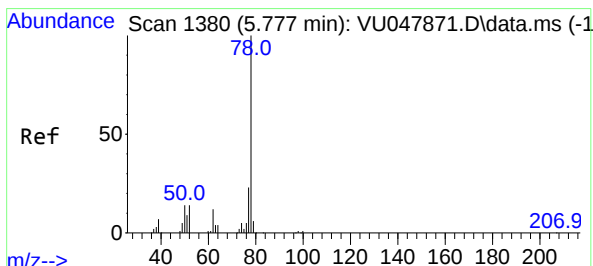
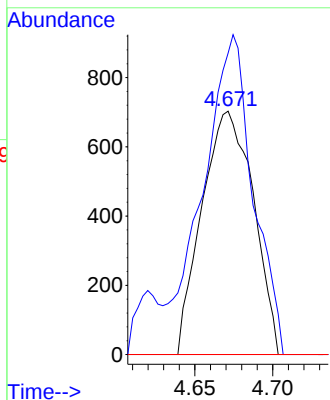
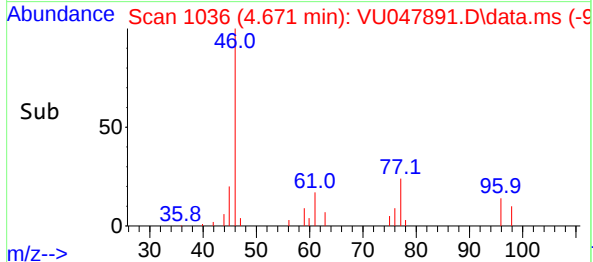
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Tgt Ion: 96 Resp: 1614
Ion Ratio Lower Upper
96 100
61 123.9 80.7 149.9
68 0.0 0.0 0.0

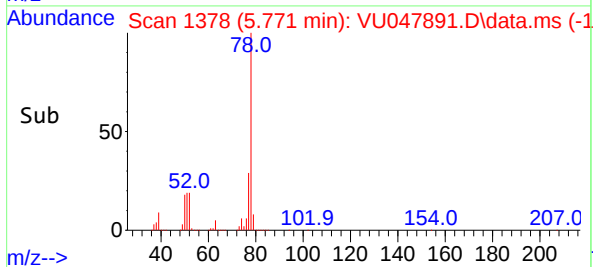
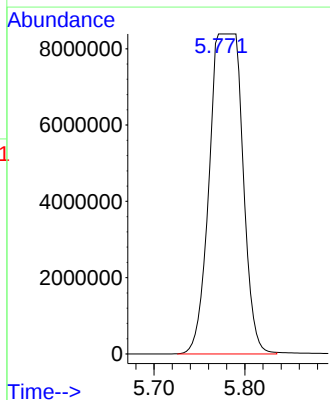
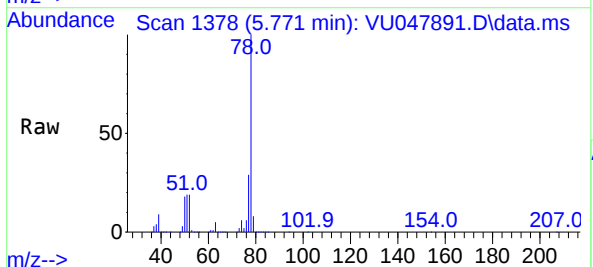
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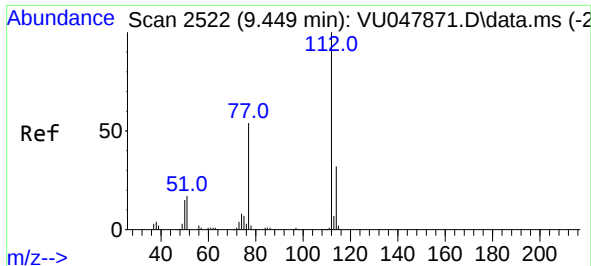
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#33
Benzene
Concen: 2242.773 ug/L m
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43

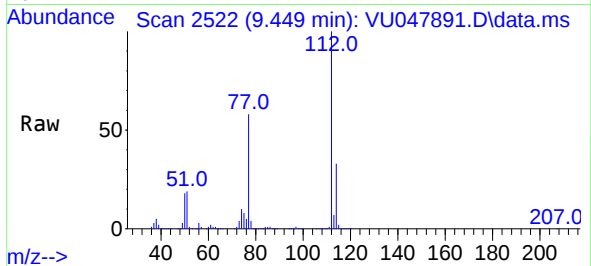
Tgt Ion: 78 Resp:21376413





#51
Chlorobenzene
Concen: 1464.936 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43

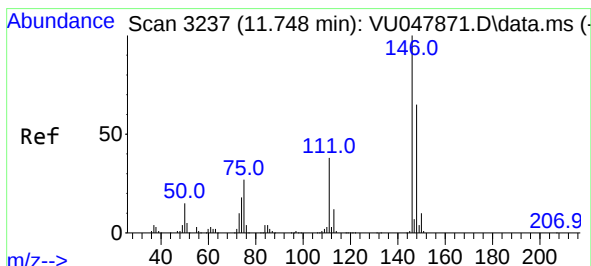
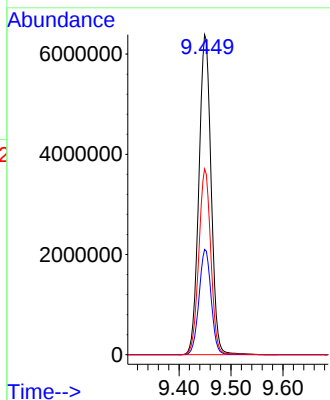
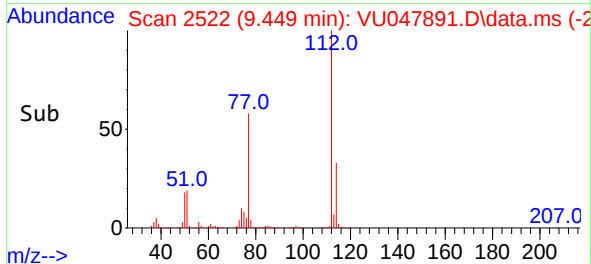
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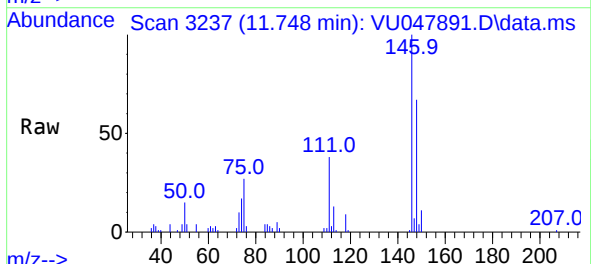
Tgt Ion:112 Resp:10402374
Ion Ratio Lower Upper
112 100
114 32.9 22.1 41.1
77 58.1 43.4 65.0

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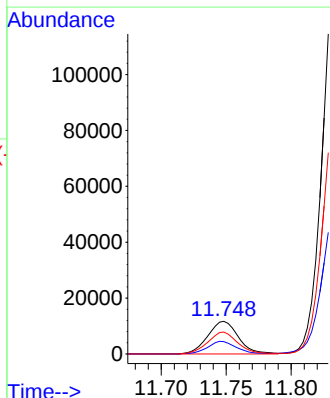
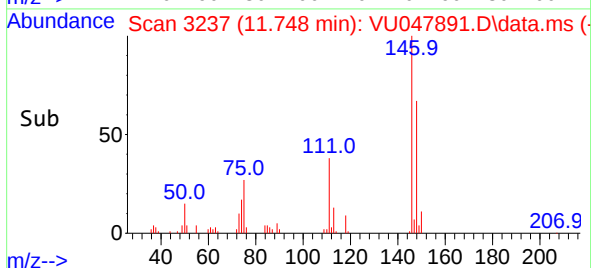
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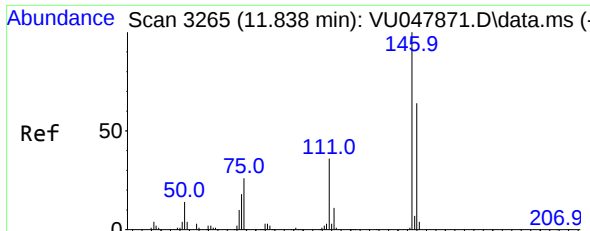


#64
1,3-Dichlorobenzene
Concen: 3.644 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43



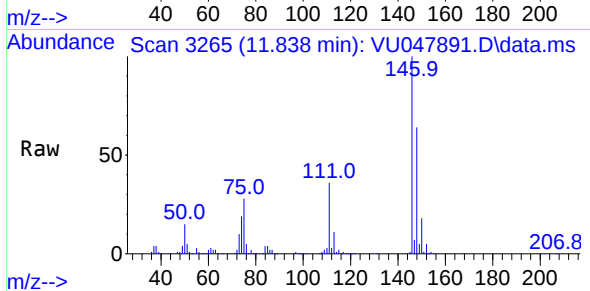
Tgt Ion:146 Resp: 19167
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 67.0 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 45.584 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43

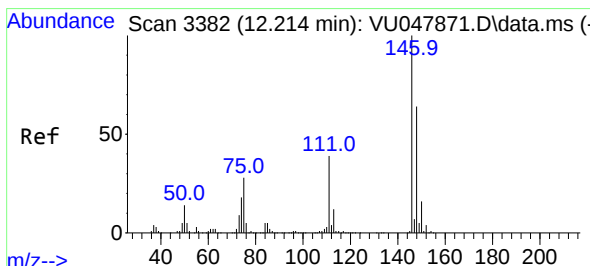
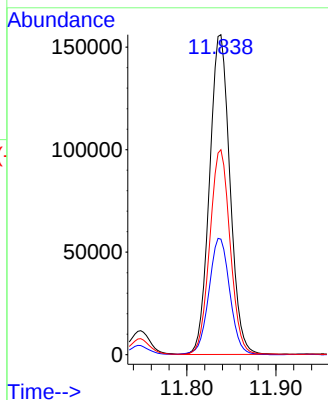
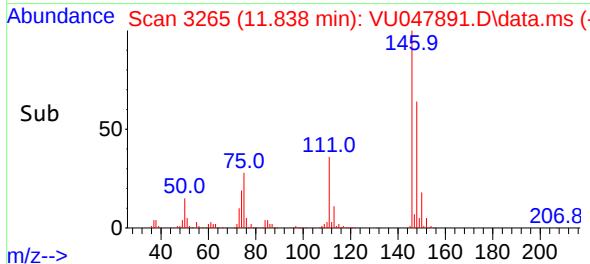
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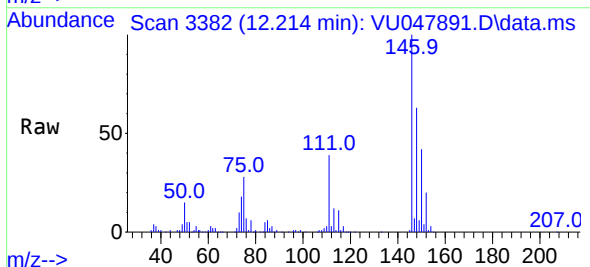
Tgt Ion:146 Resp: 248348
Ion Ratio Lower Upper
146 100
111 36.1 25.3 47.1
148 64.1 44.5 82.7

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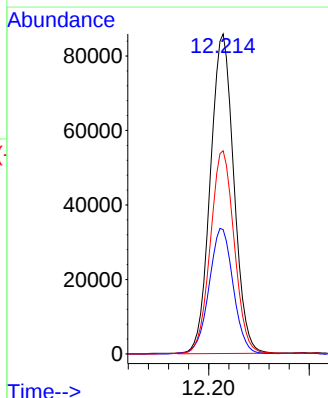
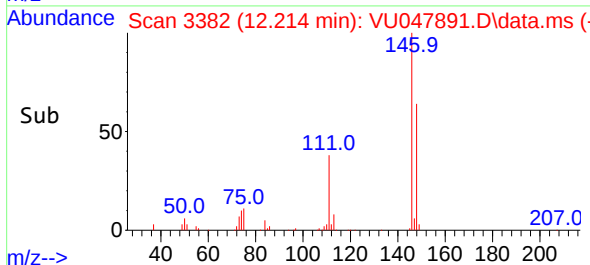
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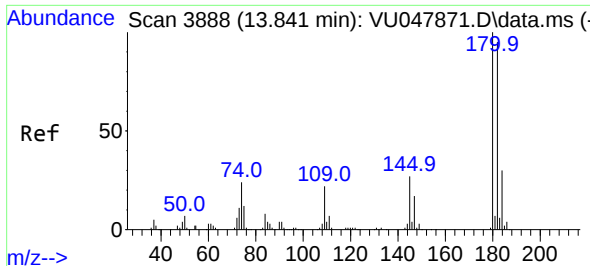


#67
1,2-Dichlorobenzene
Concen: 26.406 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43



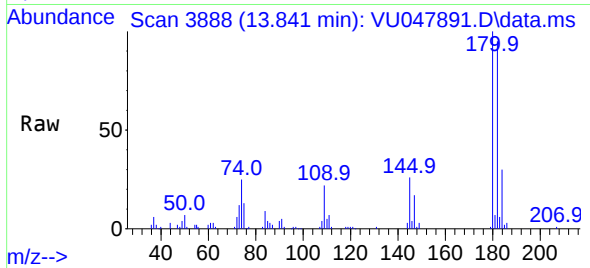
Tgt Ion:146 Resp: 138974
Ion Ratio Lower Upper
146 100
111 38.9 31.7 47.5
148 63.5 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 10.788 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43

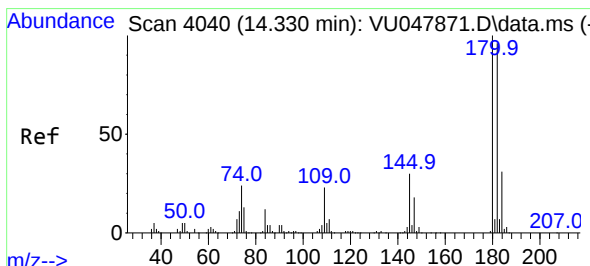
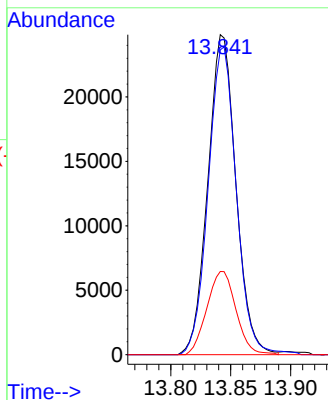
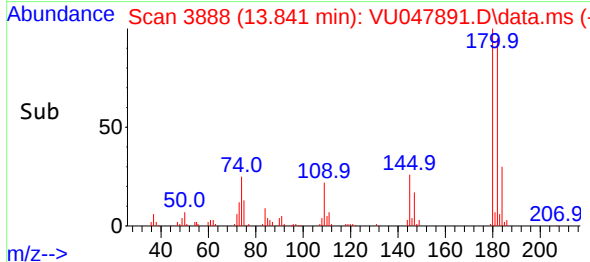
Instrument :
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ClientSampleId :
C0J81



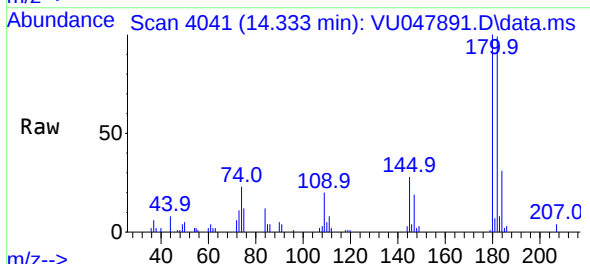
Tgt Ion:180 Resp: 40364
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.2
145 26.9 21.8 32.8

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#72
1,2,3-Trichlorobenzene
Concen: 4.431 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047891.D
Acq: 09 Apr 2022 00:43



Tgt Ion:180 Resp: 16620
Ion Ratio Lower Upper
180 100
182 95.8 77.4 116.0
145 29.0 22.8 34.2

