

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047921.D
 Acq On : 11 Apr 2022 21:28
 Operator : SY/MD
 Sample : N2293-03ME
 Misc : 6.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNN3ME

Quant Time: Apr 12 05:05:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	435991	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	458160	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	241720	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103137m	32.621	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.240%		
7) Chloroethane-d5	1.896	69	65406m	26.236	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	52.480%#		
11) 1,1-Dichloroethene-d2	2.540	63	144549	24.989	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.980%#		
21) 2-Butanone-d5	4.646	46	209040	77.031	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.030%		
24) Chloroform-d	5.064	84	216486	37.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.840%		
26) 1,2-Dichloroethane-d4	5.700	65	143838	40.540	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.080%		
32) Benzene-d6	5.723	84	432883	37.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.100%		
36) 1,2-Dichloropropane-d6	6.690	67	142631	40.285	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.580%		
41) Toluene-d8	7.899	98	384226	34.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.420%#		
43) trans-1,3-Dichloroprop...	8.182	79	59734	33.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.600%		
47) 2-Hexanone-d5	8.668	63	154155	74.376	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.380%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	230792	37.983	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	75.960%		
66) 1,2-Dichlorobenzene-d4	12.198	152	174417	40.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.120%		
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	29186	2.201	ug/L	100
42) Toluene	7.970	91	18355	1.261	ug/L	95
51) Chlorobenzene	9.452	112	212693	21.528	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	7014	0.965	ug/L #	92

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

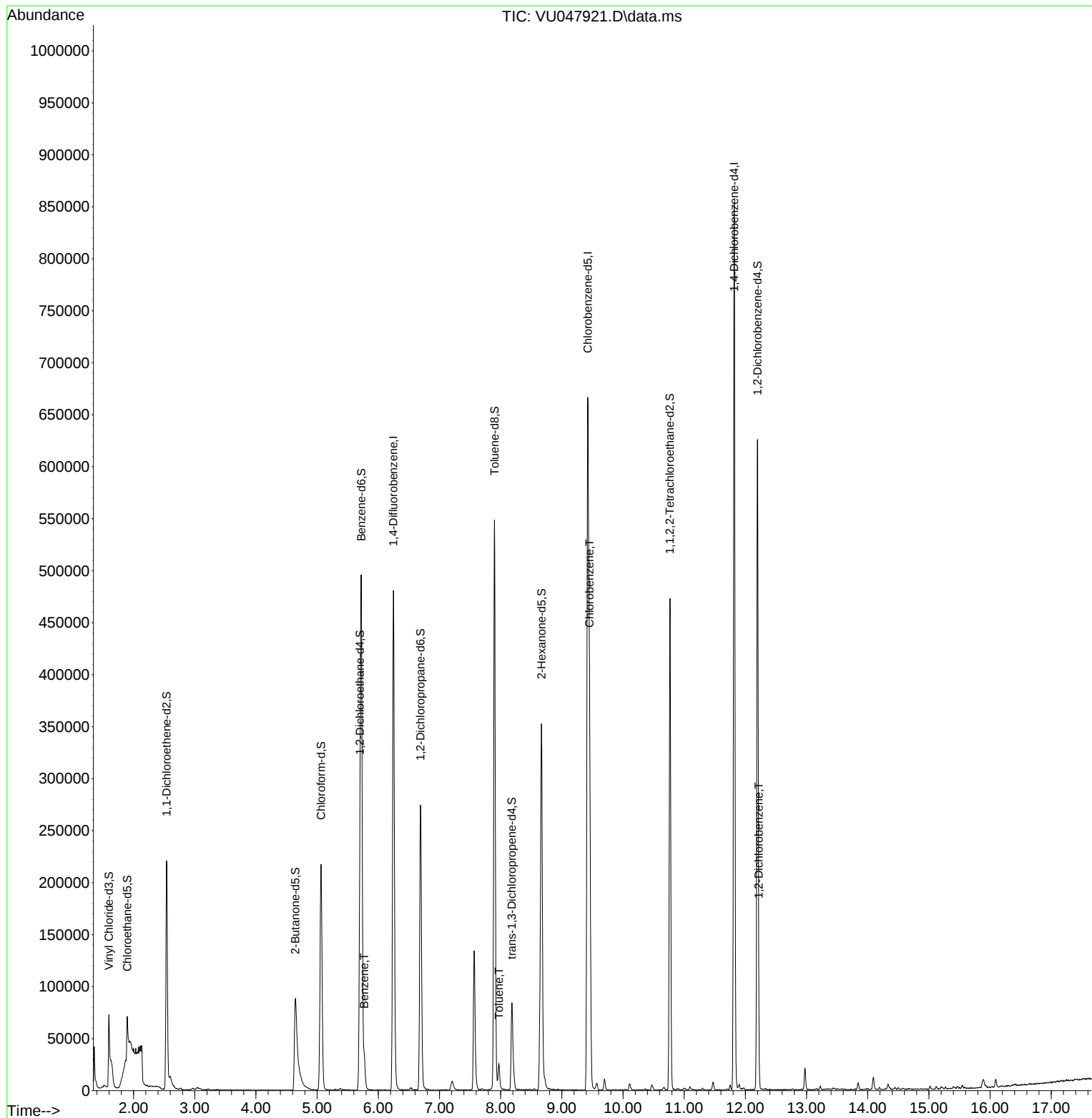
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
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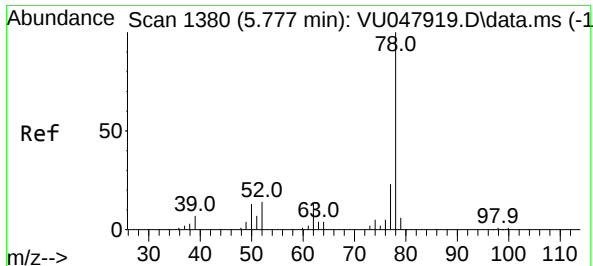
Instrument :
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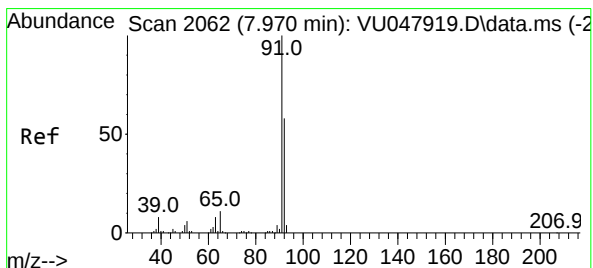
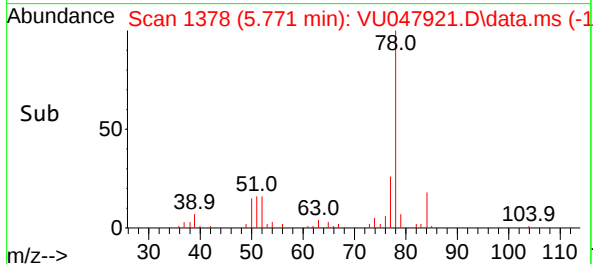
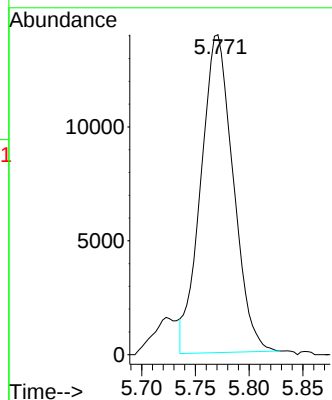
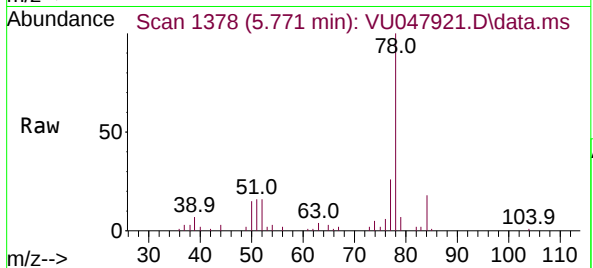
#33
Benzene
Concen: 2.201 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU047921.D
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Instrument :
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Tgt Ion: 78 Resp: 29180

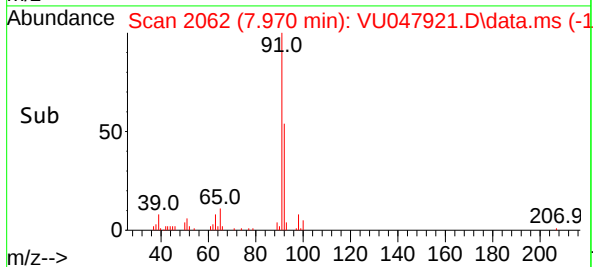
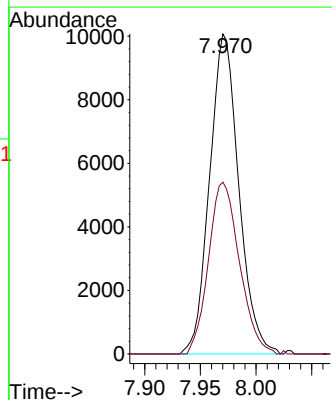
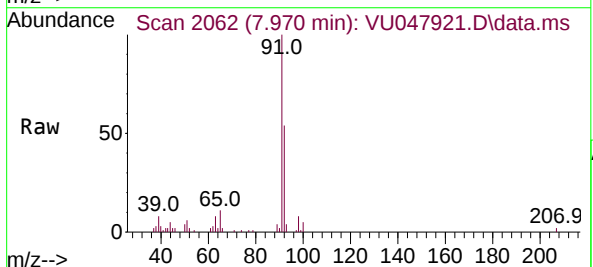
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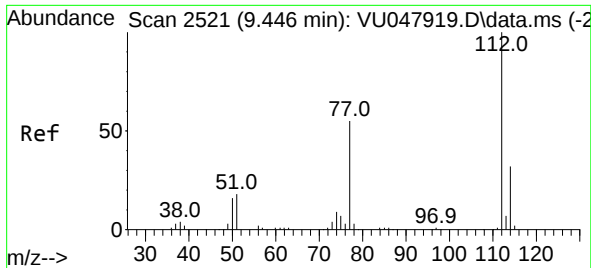
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
Toluene
Concen: 1.261 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047921.D
Acq: 11 Apr 2022 21:28

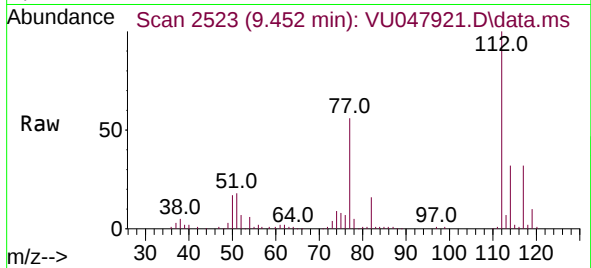
Tgt Ion: 91 Resp: 18355
Ion Ratio Lower Upper
91 100
92 53.7 40.4 75.0





#51
Chlorobenzene
Concen: 21.528 ug/L
RT: 9.452 min Scan# 21269
Delta R.T. 0.007 min
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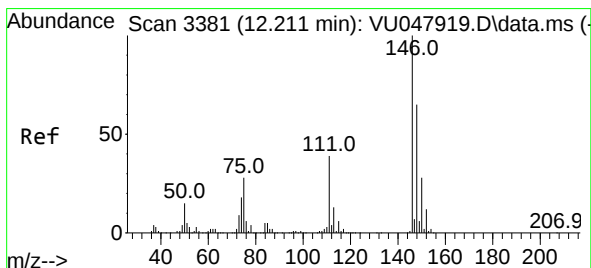
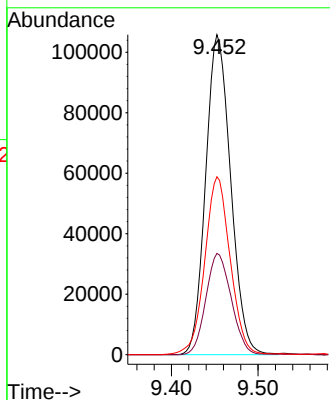
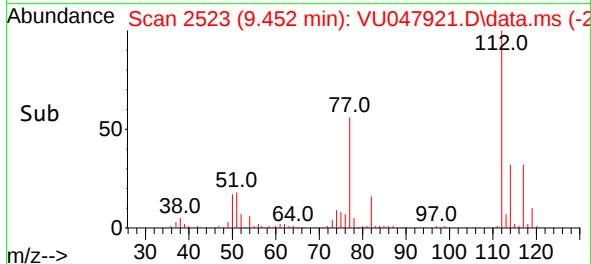
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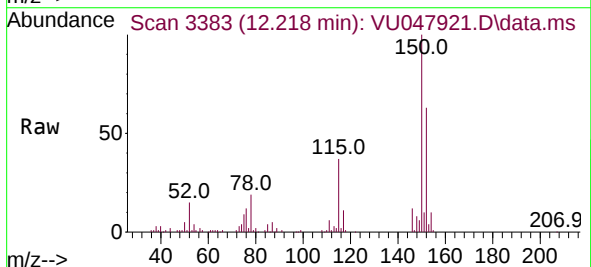
Tgt Ion:112 Resp: 21269
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 55.6 43.4 65.0

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#67
1,2-Dichlorobenzene
Concen: 0.965 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.007 min
Lab File: VU047921.D
Acq: 11 Apr 2022 21:28



Tgt Ion:146 Resp: 7014
Ion Ratio Lower Upper
146 100
111 49.1 31.7 47.5#
148 67.4 51.4 77.2

